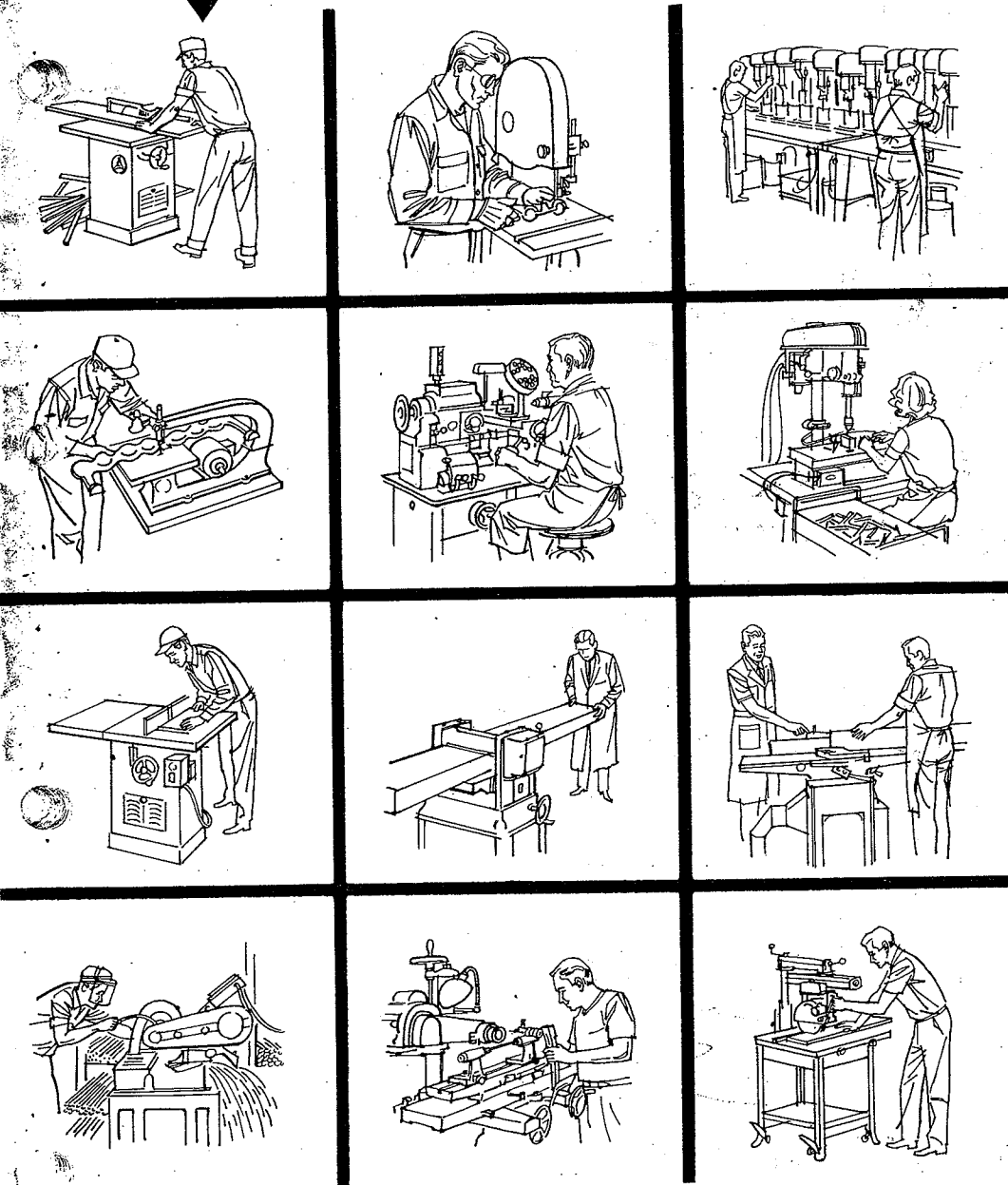


MASTER INDEX

MACHINE TOOLS WOODWORKING MACHINES HOMECRAFT POWER TOOLS (AND ACCESSORIES)



DELTA POWER TOOLS

another fine product by

ROCKWELL


INDEX

*Abrasive Finishing Machines	2-3
Belts (V)	4-5
*Coolant Equipment	5
Controls & Wiring Kits	22-23
*Cut-Off Machines	5-6
*Deltashop & Component Parts	7
*Disk Sander, 8½" Homecraft	4
Drill Presses: 20"	7-8-9
17"	9-10-11
15"	12
14"	13
14" Super Sensitive	14
11" and Radial	15
Drill Press Accessories	15-16-17-18-19-20-21
*Dust Collectors	21
*Grinders: 6" Tool	23
6" Bench	23
Homecraft	24
7" Standard	24-25
Toolmaker	25
*Jointers: 4" — 6" — 8"	26-27
Lathes: *Metal: 10"	28
11"	30
Hand Screw Machine	33
Metal Lathe Motors & Controls	33-34
Wood: Homecraft	34
12" & 12" Variable	35-36
12" Deluxe	36
Wood Lathe Accessories	37-38
Motors & Controls	60
*Planer, 13" x 5"	38
Pulleys, V-Belt	39
Sanding Drums & Sleeves	39
Saws: *10" & 14" Band	40
14" Metal-Wood and	
20" Wood Band Saws	41-42
20" Metal-Wood Band Saw	42
Band Saw Accessories	42-43
*8" Tilting Table Saw	43
*9" & 10" Tilting Arbor Saws	44
*10" Unisaw	45
*12" Tilting Arbor Saw	46
*14" Tilting Arbor Saw	46
Circular Saw Accessories	47-48
Saw-Jointer Combinations	49
*9" — 10" & 12" — 14" Radial Saws	50-51
*16" — 20" Radial Saw	51
Radial Saw Accessories	52
16" & 24" Scroll Saws	54
Scroll Saw Accessories	54-55
Shapers: *Homecraft	55
*Heavy Duty	56
Shaper Accessories	56-57
Delta Engineered Accessories	58-59
*Accessories Follow Machine Listing	

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

6" BELT FINISHING MACHINE

1400	6" Abrasive Belt Finishing Machine with #5400 4" V-pulley (¾" Bore), #1414 100 grit, fine aluminum oxide belt and guards. Without table, fence, backstop, V-Belt, V-Belt guard, motor and switch and motor pulley.	86
31-505	6" Abrasive Belt Finishing Machine. Same as #1400 except with #50-406 steel stand, #1401 tilting table, #1411 belt guard, #560 58½" OC V-Belt and #5500 5" motor pulley (specify bore). Without fence, backstop, motor and switch rod.	124
31-506	6" Abrasive Belt Finishing Machine. Same as #1400 except with #31-852 cast iron stand with sub-base and belt guard, #1401 tilting table, #595 61½" OC V-Belt and #5500 5" motor pulley (specify bore). Without fence, backstop, motor and switch. Requires #132 switch for single-phase or DC motor.	205
All Inclusive Catalog Numbers		
31-511	6" Abrasive Belt Finishing Machine. Complete for single-phase operation. Includes #31-505 unit with steel stand, #82-910 ¼ HP motor and #1334 switch rod.	182
31-513	6" Abrasive Belt Finishing Machine. Complete for three-phase operation. Includes #31-505 unit with steel stand, #86-720 ¾ HP motor, #1320 starter (specify voltage) and #49-318 mounting bracket.	183
31-521	6" Abrasive Belt Finishing Machine. Complete for single-phase operation. Includes #31-506 unit with cast iron stand, #82-910 ¼ HP motor and #132 switch.	264
31-523	6" Abrasive Belt Finishing Machine. Complete for three-phase operation. Includes #31-506 unit with cast iron stand, #86-720 ¾ HP motor and #1320 starter (specify voltage).	261
Motor and Motor Controls for Single-Phase Operation		
132	Manual Control Toggle Switch Kit. Two-Pole Type Switch for use with single-phase and DC Motors up to 1½ HP, AC-DC, 125-250 V.	1½
1334	Switch Rod with mounting parts for #31-505 unit with steel stand. Fits toggle switch of single-phase and DC motors.	1½
83-510	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	70
82-910	Motor, ¼ HP, 1725 RPM, 115/230 V, 60 cycle.	57
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting starters on steel stand.	3
49-393	Magnetic starter, three-phase, size 0, NEMA type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop reset buttons.	6
49-394	Magnetic starter, three-phase, size 0, NEMA type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	50
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	56
87-120	Motor, 1½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	65
Accessories		
864	Auto-Set Miter Gage, ⅜" x ¾" Bar, less stop rods.	4
1401	Tilting Table.	15
1403	Back Stop with bracket.	4
1410	Wood Fence 3¼ x 17½" with brackets.	5
1411	Belt Guard.	9
1412	Diagonal-Lap Garnet Belt 6" x 48", 80 grit, fine, cloth backed for wood.	1
1413	Diagonal-Lap Garnet Belt 6" x 48", 40 grit, coarse, cloth backed for wood.	1
1414	Diagonal-Lap Aluminum Oxide Belt 6" x 48", 100 grit, fine, cloth backed for metal.	1
1415	Diagonal-Lap Aluminum Oxide Belt 6" x 48", 50 grit, coarse, cloth backed for metal.	1
31-852	Cast-Iron Stand with Sub-Base and Belt Guard.	138
31-856	Attachment Package for Dust Collector.	7
49-363	Retractable Caster Set (to fit #50-406 steel stand).	13
50-406	Steel Stand.	30

12" ABRASIVE DISK FINISHING MACHINE

1426	12" Direct Motor Drive Abrasive Disk Finishing Machine with tilt table. Without motor and switch.	56
31-105	12" Direct Motor Drive Abrasive Disk Finishing Machine with #50-432 steel stand, tilting table and one 12" Dia., 50 grit, medium, garnet disk for wood. Without motor or switch.	92
All Inclusive Catalog Numbers		
31-111	12" Direct Motor Drive Abrasive Disk Finishing Machine. Complete for single-phase operation. Includes #31-105 unit with steel stand and #82-710 ½ HP motor with switch.	141
31-113	12" Direct Motor Drive Abrasive Disk Finishing Machine, direct motor driven. Complete for three-phase operation. Includes #31-105 unit with steel stand, #86-520 ½ HP motor, #1320 starter (specify voltage) and #49-318 mounting bracket.	136
Motor and Motor Controls for Single-Phase Operation		
82-710	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	49
82-910	Motor, ¾ HP, 1725 RPM, 115/230 V, 60 cycle.	57

Cat. No.	Description	Ship. Wt. Lbs.
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC	6
49-318	Mounting Bracket for mounting starters on steel stand.	3
49-393	Magnetic starter, three-phase, size 0, NEMA type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop reset buttons.	6
49-394	Magnetic starter, three-phase, size 0, NEMA type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop reset buttons.	6
86-520	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 60 cycle.	44
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	50
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	56
Accessories		
864	Auto-Set Miter Gage, ⅜" x ¾" Bar, less stop rods.	4
1427	Garnet Disks, 12" diameter, 50 medium grit (6 Disks in a Package) for wood.	1¼
1428	Aluminum Oxide Disks, 12" diameter, 60 medium grit (6 Disks in a Package) for metal.	1
1430	Disk Assembly with Flange and Set Screws.	10
49-362	Retractable Caster Set (to fit #50-432 steel stand).	13
49-503	Disk adhesive, 1 lb. stick.	1
50-432	Steel Stand for Disk Finishing Machine.	49

BELT AND DISC FINISHING MACHINE

31-700	4" Belt and 12" Disc Finishing Machine with #5350 motor pulley, #340 V-Belt #1427 garnet disc, 50 grit, medium, and #31-652 aluminum oxide belt, 60 grit, medium, without stand, motor and motor controls.	120
31-705	4" Belt and 12" Disc Finishing Machine. Same as #31-700 except with #50-435 steel stand and #31-611 belt and pulley guard. Without motor and motor controls.	170
All Inclusive Catalog Numbers		
31-711	4" Belt and 12" Disc Finishing Machine. Complete for single-phase operation. Includes #31-705 Belt and Disc Finishing Machine with steel stand and belt and pulley guard, #83-510 1 HP motor (includes switch, cord and plug).	240
31-713	4" Belt and 12" Disc Finishing Machine. Complete for three-phase operation. Includes #31-705 Belt and Disc Finishing Machine with steel stand and belt and pulley guard, #86-920 1 HP motor, #49-317 mounting bracket.	231
31-721	4" Belt and 12" Disc Finishing Machine complete for single phase operation. Includes #31-705 Belt and Disc Finishing Machine with steel stand, belt and pulley guard, #82-910 ¾ HP motor and #49-369 switch.	225
31-723	4" Belt and 12" Disc Finishing Machine complete for 3 phase operation. Includes #31-705 Belt and Disc Finishing Machine with steel stand, belt and pulley guard, #86-720 ¾ HP motor, #1320 manual starter (specify voltage) and #49-317 mounting bracket.	225
Motors and Controls for Single Phase Operation		
49-369	Manual control toggle switch kit, single pole type switch for use with single phase and DC motors up to 1½ HP, 125-250 volt, AC-DC.	1
49-378	Manual control push button switch kit. Switch is 3 pole type for use with 3-phase motors up to 2 HP, 208 to 550 volt.	1½
82-910	Motor, ¾ HP, 1725 RPM, 115/230 V, 60 cycle.	57
83-510	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	70
For 3 Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-317	Mounting Bracket for mounting overload switches, manual or magnetic starters on right-hand side only of 17" Drill Press, Single and Multiple Spindle Power Feed. Used with #1320, #49-393, #49-395, #49-396 and #49-397 starters and #49-365 Overload Switch.	2
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP 115 volt; 3 HP, 230 volt, rated 3 phase; 5 HP 208-550 volt. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-377	Manual control push button switch kit, 3 pole switch.	1½
49-378	Manual control push button switch kit, 3-pole type for use with 3 phase motors up to 2 HP.	
49-393	Magnetic Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
49-394	Magnetic starter, three-phase, size 0, NEMA type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	50
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	56
Accessories		
864	Auto-Set Miter Gage ⅜" x ¾" Bar, less stop rods.	4
1427	Garnet Discs, 12" diameter, 50 medium grit, (6 Discs in a Package) for wood.	1¼
1428	Aluminum Oxide Discs, 12" diameter, 60 medium grit, (6 Discs in a Package) for metal.	1
31-651	Aluminum Oxide Belt for metal, 4"x52½", 36 grit, coarse.	1
31-652	Aluminum Oxide Belt for metal, 4"x52½", 60 grit, medium.	1
31-653	Aluminum Oxide Belt for metal, 4"x52½", 120 grit, fine.	1

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
31-659	Garnet Belt for wood, 4"x52½", 40 grit, fine.....	1
31-660	Garnet Belt for wood, 4"x52½", 80 grit, fine.....	1
31-661	Guard for V-Belt and Pulley.....	2
31-663	Aluminum Oxide Belt for Plane Blade grinding, 2½" x 52½" 80 grit.	1
31-690	Plane Blade grinding attachment.....	6
49-302	Stop Rods for #864 Miter Gage, ⅝" diameter with two clamps and two screws.....	2
49-359	Retractable Caster Set for #50-435 steel stand.....	12
49-503	Disc adhesive, 1 lb. stick.	1
50-435	Steel Stand for Belt and Disc Finishing Machine.	48

8½" HOMECRAFT DISK SANDER

31-200	8½" Diameter Homecraft Disk Sander Bench Model, with Sanding Disk, Sample Disk Adhesive and Arbor Pulley. Without Miter Gage.....	19
--------	---	----

Motors and Controls

49-311	#49-308 Toggle Switch with 8" rubber covered cord and #49-307 plug in one package.....	1
60-013	Motor, ⅓ HP, 1725 RPM, 115 V, 60 cycle.	21
62-413	Motor, ⅓ HP, 1725 RPM, 115 V, 60 cycle.	30

Accessories

120	Keyless Chuck, ½" capacity with ½" plain hole, fits ½" diameter shaft.	1½
453	V-belt, 47⅝" OC.	½
830	Sanding Drum, 3" Diameter x 3" with one sleeve, ½" hole.	2
835	Sanding Drum, 1¾" Diameter x 2" with one sleeve, ½" hole.....	½
5250	Motor Pulley, 2½" Diameter (½", ⅝" or ¾" hole).	½
31-804	Miter Gage only.	4
46-815	Garnet paper disks, 8½" Diameter, coarse 40 grit (1 dozen).....	2
46-817	Garnet paper disks, 8½" Diameter, fine 80 grit (1 dozen).	2
49-118	Arbor for grinding, buffing or wire wheels, ½" hole, ½" Arbor.	2
49-503	Disk Adhesive, 1 lb. stick.	1

V-BELTS

271	Motor V-belt for #1028 and #1029 Multi-Speed 14" drill press attachment, 25⅛" OC.	¼
272	Spindle V-belt for #1028 Hi-Speed 14" drill press attachment, 28⅛" OC.	¼
273	Spindle V-belt for #1029 Slo-Speed 14" drill press attachment, 32⅛" OC.....	¼
284	V-belt for countershaft assembly, 31⅞" OC.	½
287	V-belt, 31⅞" OC.	½
289	V-belts, matched set of 3, 46⅞" OC.	½
291	V-belts, matched set of 3 for use with 60 cycle, 1725 RPM Motors on Unisaw, 29⅞" OC.	¼
294	V-belts, matched set of 3, 51⅞" OC.	½
331	V-belt, 35¼" OC.	½
340	V-belt, 36½" OC.	½
387	V-belt, 40½" OC.....	½
410	V-belt, 42⅞" OC.	½
430	V-belt, 44⅞" OC.	½
453	V-belt, 47⅞" OC.	½
501	V-belt for 17" Hi-Speed Drill Press, 52" OC.....	½
510	V-belt for 6" Jointer, 53¼" OC.	½
520	V-belt for 17" Slo-Speed Drill Press, 54⅞" OC.	½
521	V-belt, 62¼" OC.....	½
530	V-belt, 55⅞" OC.	½
560	V-belt, 58⅞" OC.....	1
583	V-belt, 58⅞" OC.	¾
588	V-belt, 63⅞" OC.	¾
595	V-belt, 62⅞" OC.	¾
618	V-belt, 65⅞" OC.	¾
644	V-belt, 66⅞" OC.	¾
670	V-belt, 69⅞" OC.	¾
750	V-belt, 77½" OC.....	1
14-833	Flat Belt for 14" Super-Hi-Speed Drill Press. Length 39" for #14-829 Spindle Pulley.....	⅞
14-834	Flat Belt for 14" Super-Hi Speed Drill Press. Length 39½" for #14-830 Spindle Pulley.	⅞
25-500	V-belt, Variable Drive, 34½" OC.....	1
25-502	V-belts, matched set of 2, 50¼" OC for Spindle Drive, specially constructed, heat and oil resistant.	1
30-102	V-belt, 29" OC.	½
30-136	V-belt, 57⅞" OC.	¾
49-101	V-belt, 29⅞" OC.....	¼
49-102	V-belt, 24¼" OC.....	¼
49-103	V-belt for Power feed, 26⅞" IC, 28" OC.....	½
49-105	V-belt, 30" OC.	¼
49-106	V-belt, 32" OC.	¼
49-108	V-belt, specially constructed, 62⅞" OC.	1
49-109	V-belt, 64⅞" OC., Steel Reinforced, for use with 20-634 spindle pulley to obtain higher speeds.	¾

Cat. No.	Description	Ship. Wt. Lbs.
(V-Belts Continued)		
49-111	V-belts, matched set of 2, 41" and 58 $\frac{5}{8}$ " OC.	1
49-115	V-belt, 39 $\frac{1}{2}$ " OC (Vibration free).	$\frac{1}{2}$
49-120	V-belt, 27 $\frac{3}{4}$ " OC.	$\frac{5}{8}$
49-121	V-belts, set of 2, 30 $\frac{1}{8}$ " OC.	1
49-124	V-belts, matched set of 3, 26 $\frac{1}{4}$ " OC.	1 $\frac{1}{2}$
49-126	V-belt, 3L section, for upper 17" D.P. Power Feed 19 $\frac{1}{2}$ " O.C.	$\frac{1}{2}$
49-127	V-belt, 3L section, for lower 17" D.P. Power Feed, 23" O.C.	$\frac{1}{2}$
49-130	V-belt, 58 $\frac{1}{8}$ " OC.	1
49-132	V-belts, matched set of 4, 25 $\frac{5}{8}$ " OC.	4
49-135	V-belt, specially constructed, 57 $\frac{13}{32}$ " OC.	1
49-140	V-belts, matched set of 2, 59 $\frac{3}{8}$ " OC.	$\frac{3}{4}$
49-141	V-belt, 60" OC.	1
49-142	V-belt, 51 $\frac{5}{8}$ " OC.	$\frac{1}{2}$
49-144	V-belt, 56 $\frac{3}{4}$ " OC.	$\frac{1}{2}$
49-146	V-belt, 65 $\frac{1}{2}$ " OC.	1
49-148	V-belt, 62 $\frac{1}{8}$ " OC.	1
49-149	V-belt, 33 $\frac{1}{2}$ " OC.	1
49-150	V-belts, matched set of 4, 28 $\frac{1}{4}$ " OC.	2
49-151	V-belts, set of 4 matched, 33 $\frac{3}{8}$ " OC.	2
49-152	V-belt, 36 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-153	V-belt, 34 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-154	V-belt, 40 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-156	V-belt, specially constructed, 68 $\frac{13}{32}$ " OC.	$\frac{1}{2}$
49-157	V-belt, specially constructed, 70 $\frac{13}{32}$ " OC.	$\frac{1}{2}$
49-160	V-belt, specially constructed, 44 $\frac{13}{32}$ " OC.	1
49-162	V-belt, 24 $\frac{1}{8}$ " OC.	1 $\frac{1}{2}$
49-163	V-belt, 31 $\frac{1}{2}$ " O.C.	1
49-167	V-belt, 45 $\frac{1}{8}$ " OC (Vibration free).	$\frac{1}{2}$
49-168	V-belt, 41 $\frac{1}{8}$ " OC (Vibration free).	$\frac{1}{2}$
49-170	V-belt, 27 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-172	V-belt, 59 $\frac{1}{4}$ " OC.	$\frac{3}{4}$
49-173	V-belt, 57 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-174	V-belt, 60" OC.	$\frac{1}{4}$
49-176	V-belts, 71" OC matched set of 3.	6
49-177	V-belt, 27 $\frac{1}{2}$ " OC.	$\frac{1}{2}$
49-178	V-belt, 26 $\frac{3}{8}$ " OC.	$\frac{1}{2}$
49-179	V-belt, 94 $\frac{3}{16}$ " OC.	1
49-195	V-belt, heat and oil resistant, 37 $\frac{1}{8}$ " OC.	$\frac{1}{4}$
49-196	V-belt, heat and oil resistant, 41 $\frac{1}{2}$ " OC.	$\frac{1}{4}$

COOLANT EQUIPMENT

17-802	Coolant Parts Assembly, consists of nozzle, valve, column mounting clamp and flexible hose assembly.	3
20-840	Coolant Pan complete with spray nozzle, splash control accessories, deflector plate and bracket, without piping, control valve or reducer.	148
49-610	Coolant Pump with $\frac{1}{4}$ HP, 115 V, single phase, 60 cycle AC, 1725 RPM Motor.	68
49-611	Coolant Pump with $\frac{1}{4}$ HP, 230 V, single phase, 60 cycle AC, 1725 RPM Motor.	68
49-614	Coolant Pump with $\frac{1}{4}$ HP, 208-220/440 V, 3 phase, 50/60 cycle AC, 1425/1725 RPM Motor.	68
49-618	Coolant Tank, 16 gallon capacity, required with any of the above pumps.	38
Motors and Controls		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-312	Manual Control Toggle Switch Kit. Two-pole type switch for use with single-phase and DC motors up to 1 $\frac{1}{2}$ HP, AC-DC, 125-250 V. Kit includes on-and-off switch, 8-foot 115 V cord, 3-prong grounding type plug, adapter, clamp, switch mounting plate and everything needed for mounting on Coolant Pump.	2
49-313	Manual Control Toggle Switch Kit. Two-pole switch for use with single phase and DC motors up to 1 $\frac{1}{2}$ HP, AC, 125-250 V. Kit includes on-and-off switch, 8-foot 230 V cord, 3-prong grounding type plug, clamp, switch mounting plate and everything needed for mounting on Coolant Pumps.	$\frac{3}{4}$

12" CUT-OFF MACHINE

20-100	12" Cut-off machine includes wheel guard, belt guard, fence with size gauge, 3 $\frac{1}{2}$ " wheel flanges, and 5" wheel flanges with coolant slots.	265
20-111	12" Cut-off machine for dry abrasive cutting (with legs). Same as #20-100 except with #50-399 pair of steel legs 27 $\frac{1}{2}$ " high, #20-801 clamp fixture, #294 (set of 3) 51 $\frac{1}{8}$ " OC V-belts, and #41-627 6" 3-belt motor pulley 1 $\frac{1}{8}$ " bore with $\frac{1}{4}$ " keyway. Without abrasive wheel, motor and switch.	390
20-112	12" Cut-off machine for wet abrasive cutting (with legs). Same as #20-100 except with #50-399 pair of steel legs 27 $\frac{1}{2}$ " high, #20-801 clamp fixture, #294 (set of 3) 51 $\frac{1}{8}$ " OC V-belts, #41-627 6" 3-belt motor pulley 1 $\frac{1}{8}$ " bore with $\frac{1}{4}$ " keyway, and #20-840 coolant pan. Without abrasive wheel, motor and switch.	531

Cat. No.	Description	Ship. Wt. Lbs.
(12" Cut off Machine Continued)		
20-113	12" Cut-off machine for non-ferrous cutting (with legs). Same as #20-100 except with #50-399 pair of steel legs 27½" high, #20-801 clamp fixture, #294 (set of 3) 51½" OC V-belts, #41-627 6" 3-belt motor pulley 1½" bore with ¼" keyway, and #20-832 coolant attachment. Without saw blade, motor and switch.	394
20-114	12" Cut-off machine for wood cutting (with legs). Same as #20-100 except with #50-399 pair of steel legs 27½" high, #294 (set of 3) 51½" OC V-belts and #41-627 6" 3-belt motor pulley 1½" bore with ¼" keyway. Without saw blade, motor and switch.	372
20-800	Work head for 12" cut-off machine. Includes ball bearing arbor assembly, 2¼" 3-belt arbor pulley, 3½" and 5" wheel flanges, feed handle, motor mounting plate, pivot shaft with Timken roller bearings and adjustable torsion spring, adjustable rubber stops and base casting.	69
All Inclusive Catalog Numbers		
20-115	12" Cut-off machine for dry abrasive cutting, complete for 3-phase operation. Includes #20-111 Unit, #96-720 Motor and #1328 Starter (specify voltage).	515
20-116	12" Cut-off machine for wet abrasive cutting, complete for 3-phase operation. Includes #20-112 Unit, #96-720 Motor and #1328 Starter (specify voltage).	656
20-117	12" Cut-off machine for non-ferrous cutting, complete for 3-phase operation. Includes #20-113 Unit, #96-620 Motor and #1328 Starter (specify voltage).	524
Motors for Single Phase Operation		
93-410	Motor, 3 HP, capacitor start, 115/230 V, 60 cycle, 1725 rpm. Without switch, cord and plug. ...	122
93-510	Motor, 5 HP, capacitor start, 230 V only, 60 cycle, 1725 rpm. Without switch, cord and plug. ...	185
Motors for 3-Phase Operation		
96-670	Motor, 3 HP, 208-220/440 V, 50/60 cycle, 1425/1725 rpm, TENV enclosure. Without switch or power cord.	125
96-620	Motor, 3 HP, 208-220/440 V, 50/60 cycle, 1425/1725 rpm, Without switch or power cord.	125
96-770	Motor, 5 HP, 208-220/440 V, 60 cy, 1725 RPM, TENV enclosure. Without switch or power cord.	150
96-720	Motor, 5 HP, 208-220/440 V, 50/60 cycle, 1425/1725 rpm. Without switch or power cord.	125
Starters for Single Phase and 3-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
1328	Manual Starter, 3 phase, size 1, NEMA type 1 enclosure, rated 5 HP, 208/220 V, 60 cycle, AC.	5
49-325	Magnetic Starter for 3 HP, 115/230 V, 3 phase, 60 cycle, 12" Tilting Arbor Saw Motor.	5
49-381	Magnetic Starter, 3 phase, size 1, NEMA type 1 enclosure, rated 7½ HP, 208/220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	7
49-393	Magnetic Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 3 HP, 208/220 V, 60 cycle, AC. Supplied with Start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC Supplied with start and stop-reset buttons.	6
49-500	Manual Starter, Single phase. Provides overload protection. Used with Motor #93-410 and #93-510. Specify motor number and voltage when ordering.	5
Accessories		
294	V-belts (matched set of 3), 51-½" OC, for 6" motor pulley.	1½
501	V-belt, (3 required), 52" OC, for 7" motor pulley.	½
20-216	Guard for belts and pulleys, complete with mounting bolts.	25
20-801	Clamp fixture.	18
20-817	Abrasive wheel for dry cutting, general purpose, for soft and hard steel and hard brass, ¾" x 12" dia. with 1" hole.	¼
20-819	Abrasive wheel for dry cutting, used for long wheel life where burr is permissible. For all steels and hard bronze, ¾" x 12" dia. with 1" hole.	1¼
20-820	Abrasive wheel for dry cutting, used where maximum freedom from burr is more important than long wheel life. For thin steel tubing and molding. ¾" x 12" dia. with 1" hole.	1¼
20-832	Coolant Attachment, for 12" Cut-off machine. Includes sight gravity feed oiler, mounting post, coolant line, nozzle and fittings.	3½
20-838	Dust Collector Hose Kit, for 12" Cut-off machine. Includes two hoses, two dust chutes, two flanges and fittings.	12¼
20-840	Coolant Pan for Cut-off machine. Includes nozzle, deflector and splash guards.	142
20-846	Saw Blade for non-ferrous metal, 12" dia., ¾" thick x 1" hole, 100 teeth, for cutting large solids.	1¼
20-847	Saw Blade for non-ferrous metal, 12" dia., ¾" thick x 1" hole, 150 teeth, best general purpose blade.	2¼
20-848	Saw Blade, same as 20-847 except high speed steel, hard rim.	2
20-849	Saw Blade, for non-ferrous metal, 12" dia., ¾" thick x 1" hole, 200 teeth, for cutting thin wall tubing.	2
33-197	Saw Blade for wood, 12" dia. x 1" hole, combination type.	1½
33-228	Saw Blade for wood, 12" dia. x 1" hole, hollow ground type.	1½
33-246	Saw Blade for wood, 12" dia. x 1" hole, cross cut type.	1½
34-842	Saw Blade for wood and plastic, 12" dia. x 1-½" hole (with bushing to fit 1" arbor), 24 teeth, combination type.	3¾
41-617	Motor Pulley, 7", 3-belt type, 1-½" bore with ¼" keyway.	8
41-627	Motor Pulley, 6", 3-belt type, 1-½" bore with ¼" keyway.	6
49-520	Metal Dust Collector, single phase, 115/230 V, 60 cycle, with switch, switch rod and 115 V 8-foot cord and plug.	120

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
49-521	Metal Dust Collector, 3-phase, 208-220/440 V, 50/60 cycle, with switch, switch rod and 220 V 8-foot cord and plug.	120
49-610	Coolant Pump, single phase, 115 V, 60 cycle. Without switch and power cord.	65
49-611	Coolant Pump, single phase, 230 V, 60 cycle. Without switch and power cord.	65
49-614	Coolant Pump, 3-phase, 208-220/440 V, 50/60 cycle. Without switch and power cord.	65
49-618	Coolant Tank, 16-gal. capacity. Required with above pumps.	38
50-399	Legs, steel, one pair, 27½" high.	96
50-400	Riser Blocks (two pair required), cast iron, one pair, 2" high, with studs, nuts and lock washers for mounting under legs.	8

DELTASHOP AND COMPONENT PARTS

11-105	Deltashop package #3. Consists of 11" Drill Press with Special Hinge Bracket Base and Idler Pulley Assembly, #49-179 V-belt and #49-189 Special Pulley.	79
31-212	Deltashop package #4. Consists of #31-200, 8½" Disk Sander, #31-211 Base Plate, #272 V-belt and #49-189 Special Pulley.	24
34-620	Deltashop package #1. Consists of #34-600 Tilting Arbor Saw (Basic Machine), #50-408 Steel Stand, #49-185 V-belt, #5252 Motor Pulley and #49-152 Belt.	125
34-631	New Deltashop. Consists of #34-600 Tilting Arbor Saw, #37-110 Jointer, #37-113 Jointer Raising Block, #11-105 Drill Press (with #49-179 V-belt and #49-189 Saw Arbor Pulley), #31-200 Disc Sander, #31-211 Sander Base Plate (with #272 V-belt, #50-308 Stand, #49-188 V-belt, and Pulley Group #49-185 for Saw Drive, #5225 Pulley and #49-152 V-belt, #49-186 for Jointer Drive, #49-182 Pulley and #410 V-belt) with #62-253 Motor, ¼ HP, 115 V, 60 cycle, 3450 RPM, sealed-for-life Ball Bearings with switch, cord and plug.	331
34-651	Deluxe Deltashop. Consists of #34-620 Saw, #37-290 4" Deluxe Jointer, #37-293 Raising Block, #11-105 11" Drill Press, #31-212 Sanding Attachment and #62-273 Motor.	366
37-114	Deltashop package #2. Consists of #37-110 4" Jointer, #37-113 Raising Block and #49-186 Belt and Pulley Group.	63
37-294	Deltashop package #2A. Consists of #37-290 4" Deluxe Jointer and #37-293 Raising Block Package.	91

Motors and Controls

62-253	Motor, ¼ HP, 3450 RPM, 115 V, 60 cycle.	29
62-273	Motor, 1 HP, 3450 RPM, 115 V, 60 cycle.	32

Accessories

272	Spindle V-belt for sander drive, (28½" OC.)	¼
410	V-belt, 42½" OC.	½
703	⅝" Saber Blades, .025 x .187", 9 teeth per inch, 5" long (Pkg. of 6).	⅜
704	¼" Saber Blades, .035 x .250", 7 teeth per inch, 5" long (Pkg. of 6).	⅜
5225	2¼" Diameter Pulley (½" - ⅝" or ¾" bore).	½
11-140	Slow-Speed Attachment for use on Deltashop 11" Drill Press.	5
31-211	Sander Base Plate for 8½" Homecraft Sander with #272 V-belt and #49-189 Special Pulley.	6
34-664	9" Tilting Arbor Saw Saber Saw Table Insert.	1½
37-113	Raising Block for #37-110 Jointer.	11
37-293	Jointer Riser Block, #49-186 Belt and Pulley Group, Jointer extension shaft and hardware.	12
40-800	Saber Saw Attachment complete with Arbor Pulley, Saber Blades and Guides.	6
49-152	V-belt, 36½" OC.	½
49-179	V-belt, 94 ⅝" OC.	1
49-182	Jointer Motor Pulley, 3" diameter (extended hub type) for use with #62-253 motor.	1
49-189	2½" Saw Arbor replacement pulley for Deltashop.	1
49-190	Kit #1 motor mounting bracket, 4 speed #985 pulley and V-belt #340.	6
49-191	Kit #2 Bench Type, base 6" x 7¾".	14
49-192	Hinge base assembly only.	10
49-193	Conversion Kit to change #11-100 Drill Press to #11-105 Drill Press.	16
49-194	Conversion Kit to change #11-105 Drill Press to #11-100 Drill Press.	17
49-360	Retractable Caster Set for use on deltashop Stand #50-308.	3
50-308	Steel Stand for Deltashop with Plywood Top.	42

Note: For Other Accessories for the Deltashop See Accessory Listings for

11-100 11" Drill Press - 31-200 8½" Disk Sander - 34-600 9" Tilting Arbor Saw - 37-110 4" Jointer - 37-290 4" Deluxe Jointer.

20" DRILL PRESSES

Single Spindle Models

20-421	20" Hand Feed Drill Press, Floor Model with Production Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard.	460
20-425	20" Hand Feed Drill Press, Floor Model with Tilting Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard.	492
20-428	20" Hand Feed Drill Press, Bench Model with Production Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard.	406

Cat. No.	Description	Ship. Wt. Lbs.
(20" Drill Presses Continued)		
20-431	20" Hand Feed Drill Press, Floor Model with Production Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard.	466
20-435	20" Hand Feed Drill Press, Floor Model with Tilting Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard.	456
20-438	20" Hand Feed Drill Press, Bench Model with Production Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	415
20-721	20" Power Feed Drill Press, Single Spindle, Floor Model with Production Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	500
20-725	20" Power Feed Drill Press, Single Spindle, Floor Model with Tilting Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	506
20-728	20" Power Feed Drill Press, Single Spindle, Bench Model with Production Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	432
20-731	20" Power Feed Drill Press, Single Spindle, Floor Model with Production Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	506
20-735	20" Power Feed Drill Press, Single Spindle, Floor Model with Tilting Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	506
20-738	20" Power Feed Drill Press, Single Spindle, Bench Model with Production Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	422
Multiple Spindle Models		
20-422	20" Hand Feed Drill Press, 2 Spindle Model, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	1230
20-423	20" Hand Feed Drill Press, 3 Spindle Model, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore #20-661 raising mechanism and belt guard. ...	1930
20-424	20" Hand Feed Drill Press, 4 Spindle Model, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	2080
20-426	20" Hand Feed Drill Press, 6 Spindle Model, Two-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	2458
20-432	20" Hand Feed Drill Press, 2 Spindle Model, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	1118
20-433	20" Hand Feed Drill Press, 3 Spindle Model, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	1930
20-434	20" Hand Feed Drill Press, 4 Spindle Model, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	1342
20-436	20" Hand Feed Drill Press, 6 Spindle Model, Two-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-235 Motor Pulley ¾" bore, #20-661 raising mechanism and belt guard. ...	3075
20-722	20" Power Feed Drill Press, 2 Spindle, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	983
20-723	20" Power Feed Drill Press, 3 Spindle, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	1061
20-724	20" Power Feed Drill Press, 4 Spindle, One-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	1836
20-726	20" Power Feed Drill Press, 6 Spindle, Two-Piece Table, #2 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	2964
20-732	20" Power Feed Drill Press, 2 Spindle, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	983
20-733	20" Power Feed Drill Press, 3 Spindle, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	1051
20-734	20" Power Feed Drill Press, 4 Spindle, One-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	1836
20-736	20" Power Feed Drill Press, 6 Spindle, Two-Piece Table, #3 Morse Taper. Includes #49-108 V-belt, #49-101 V-belt, #49-102 V-belt, #49-235 Motor Pulley, ¾" bore, #20-661 raising mechanism and belt guard.	2964
20" Drill Presses with Planetary Pulley Mounted at Factory		
20-441	Similar to #20-421 but with 5-Step Planetary Pulley, assembled.	460
20-442	Similar to #20-422 but with 5-Step Planetary Pulley, assembled.	1230
20-443	Similar to #20-423 but with 5-Step Planetary Pulley, assembled.	1930
20-444	Similar to #20-424 but with 5-Step Planetary Pulley, assembled.	2080
20-445	Similar to #20-425 but with 5-Step Planetary Pulley, assembled.	492
20-446	Similar to #20-426 but with 5-Step Planetary Pulley, assembled.	2458
20-447	Similar to #20-427 but with 5-Step Planetary Pulley, assembled.	169

Cat. No.	Description	Ship. Wt. Lbs.
(20" Drill Presses with Planetary Pulley Mounted at Factory Continued)		
20-448	Similar to #20-428 but with 5-Step Planetary Pulley, assembled.	406
20-451	Similar to #20-431 but with 5-Step Planetary Pulley, assembled.	466
20-452	Similar to #20-432 but with 5-Step Planetary Pulley, assembled.	1118
20-453	Similar to #20-433 but with 5-Step Planetary Pulley, assembled.	1930
20-454	Similar to #20-434 but with 5-Step Planetary Pulley, assembled.	1342
20-455	Similar to #20-435 but with 5-Step Planetary Pulley, assembled.	456
20-456	Similar to #20-436 but with 5-Step Planetary Pulley, assembled.	456
20-457	Similar to #20-437 but with 5-Step Planetary Pulley, assembled.	171
20-458	Similar to #20-438 but with 5-Step Planetary Pulley, assembled.	415
20-741	Similar to #20-721 but with 4-Step Planetary Pulley, assembled.	500
20-742	Similar to #20-722 but with 4-Step Planetary Pulley, assembled.	983
20-743	Similar to #20-723 but with 4-Step Planetary Pulley, assembled.	1061
20-744	Similar to #20-724 but with 4-Step Planetary Pulley, assembled.	1836
20-745	Similar to #20-725 but with 4-Step Planetary Pulley, assembled.	506
20-746	Similar to #20-726 but with 4-Step Planetary Pulley, assembled.	2964
20-747	Similar to #20-727 but with 4-Step Planetary Pulley, assembled.	232
20-748	Similar to #20-728 but with 4-Step Planetary Pulley, assembled.	432
20-751	Similar to #20-731 but with 4-Step Planetary Pulley, assembled.	306
20-752	Similar to #20-732 but with 4-Step Planetary Pulley, assembled.	983
20-753	Similar to #20-733 but with 4-Step Planetary Pulley, assembled.	1051
20-754	Similar to #20-734 but with 4-Step Planetary Pulley, assembled.	1836
20-755	Similar to #20-735 but with 4-Step Planetary Pulley, assembled.	506
20-756	Similar to #20-736 but with 4-Step Planetary Pulley, assembled.	2946
20-757	Similar to #20-737 but with 4-Step Planetary Pulley, assembled.	222
20-758	Similar to #20-738 but with 4-Step Planetary Pulley, assembled.	422

Motors and Controls for Single Phase Operation

20-611	Push Button Switch, 4-wire flexible conduit assembly, wiring diagram and everything needed for use with #83-112 or #83-510 Motor. For DC use also.	2
83-112	Motor, 1 HP, 1140 RPM, 115/230 V, 60 cycle.	70
83-510	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	70

For Three-Phase Operation

20-612	Push Button Magnetic Control Switch, 3-wire flexible conduit assembly, wiring diagram and everything needed for use with motor #86-920, #86-922 or #87-120 and Magnetic Starters #49-396 or #49-397.	2
20-613	Push Button Manual Control Switch, 6-wire flexible conduit assembly, wiring diagram and everything needed for use with motor #86-920, #86-922 or #87-120 and #49-365 Overload Switch.	2
20-614	Mounting Bracket. Includes screws for mounting motor controls to motor mounting plate of Drill Press. Used with #1320, #49-365, #49-394, #49-393, #49-396 and #49-397.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-396	Magnetic Starter, 3 phase, size O, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size O, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Separate start-stop control station must be used.	6
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
86-922	Motor, 1 HP, 960/1140 RPM, 208-220/440 V, 50/60 cycle.	55
87-120	Motor, 1½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	52

17" DRILL PRESS

Single Spindle Models

17-605	17" Floor Model Drill Press, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley and Standard Tilting Table.	266
17-606	17" Floor Model Drill Press, High Speed with #2 Morse Taper Spindle, #501 Belt, #1311 Motor Pulley and Standard Tilting Table.	266
17-607	17" Floor Model Drill Press, Slo Speed with ½" Key Chuck, #520 Belt, #1311 Motor Pulley and Standard Tilting Table.	270
17-608	17" Floor Model Drill Press, High Speed with ½" Key Chuck, #501 Belt, #1312 Motor Pulley and Standard Tilting Table.	268
17-610	17" Floor Model Drill Press, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley and #1372 Production Table.	285
17-611	17" Floor Model Drill Press, High Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley and #1372 Production Table.	285
17-612	17" Floor Model Drill Press, Slo Speed with ½" Key Chuck, #520 Belt, #1311 Motor Pulley and #1372 Production Table.	302
17-613	17" Floor Model Drill Press, High Speed with ½" Key Chuck, #501 Belt, #1312 Motor Pulley and #1372 Production Table.	302
17-624	17" Floor Model Power Feed Drill Press, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley and #1372 Production Table.	338
17-625	17" Floor Model Power Feed Drill Press, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, ¾" bore and #1372 Production Table.	338

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

(Single Spindle Models Continued)

17-626	17" Floor Model Power Feed Drill Press, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore and #1372 Production Table.	338
17-627	17" Floor Model Power Feed Drill Press High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore and #1372 Production Table.	338
17-630	17" Bench Model Drill Press, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore and #1514 Production Table.	310
17-631	17" Bench Model Drill Press, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore and #1514 Production Table.	310
17-632	17" Bench Model Drill Press, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore and #1514 Production Table.	310
17-633	17" Bench Model Drill Press, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore and #1514 Production Table.	310
17-634	17" Bench Model Power Feed Drill Press, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore and #1514 Production Table.	379
17-635	17" Bench Model Power Feed Drill Press, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore and #1514 Production Table.	379
17-636	17" Bench Model Power Feed Drill Press, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore and #1514 Production Table.	379
17-637	17" Bench Model Power Feed Drill Press, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore and #1514 Production Table.	394

Multiple Spindle Models

17-640	17" Drill Press, 2 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	736
17-641	17" Drill Press, 2 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	736
17-642	17" Drill Press, 2 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	736
17-644	17" Power Feed Drill Press, 2 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	820
17-645	17" Power Feed Drill Press, 2 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	820
17-646	17" Power Feed Drill Press, 2 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	820
17-647	17" Power Feed Drill Press, 2 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	820
17-648	17" Drill Press, 2 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1513 Table and #1399 Legs.	736
17-650	17" Drill Press, 3 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1340
17-651	17" Drill Press, 3 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1340
17-652	17" Drill Press, 3 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1340
17-653	17" Drill Press, 3 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1340
17-654	17" Power Feed Drill Press, 3 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	940
17-655	17" Power Feed Drill Press, 3 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	940
17-656	17" Power Feed Drill Press, 3 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	940
17-657	17" Power Feed Drill Press, 3 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	940
17-660	17" Drill Press, 4 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1316
17-661	17" Drill Press, 4 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1316
17-662	17" Drill Press, 4 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1316
17-663	17" Drill Press, 4 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1316
17-664	17" Power Feed Drill Press, 4 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1576
17-665	17" Power Feed Drill Press, 4 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1576
17-666	17" Power Feed Drill Press, 4 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1584
17-667	17" Power Feed Drill Press, 4 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1515 Table and #1399 Legs.	1584
17-670	17" Drill Press, 4 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1608
17-671	17" Drill Press, 4 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1608

Cat. No.	Description	Ship. Wt. Lbs.
(Multiple Spindle Models Continued)		
17-672	17" Drill Press, 4 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1608
17-673	17" Drill Press, 4 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1608
17-674	17" Power Feed Drill Press, 4 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2106
17-675	17" Power Feed Drill Press, 4 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2106
17-676	17" Power Feed Drill Press, 4 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2106
17-677	17" Power Feed Drill Press, 4 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2106
17-680	17" Drill Press, 5 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1790
17-681	17" Drill Press, 5 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1790
17-682	17" Drill Press, 5 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1790
17-683	17" Drill Press, 5 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1790
17-684	17" Power Feed Drill Press, 5 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2110
17-685	17" Power Feed Drill Press, 5 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2110
17-686	17" Power Feed Drill Press, 5 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2110
17-687	17" Power Feed Drill Press, 5 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2110
17-690	17" Drill Press, 6 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1930
17-691	17" Drill Press, 6 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1930
17-692	17" Drill Press, 6 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1930
17-693	17" Drill Press, 6 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	1930
17-694	17" Power Feed Drill Press, 6 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2320
17-695	17" Power Feed Drill Press, 6 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2320
17-696	17" Power Feed Drill Press, 6 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2320
17-697	17" Power Feed Drill Press, 6 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2320
17-700	17" Drill Press, 8 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2452
17-701	17" Drill Press, 8 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2452
17-702	17" Drill Press, 8 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2452
17-703	17" Drill Press, 8 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2452
17-704	17" Power Feed Drill Press, 8 Spindle Model, Slo Speed with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2970
17-705	17" Power Feed Drill Press, 8 Spindle Model, High Speed with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2970
17-706	17" Power Feed Drill Press, 8 Spindle Model, Slo Speed with 1/2" Key Chuck, #520 Belt, #1311 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2970
17-707	17" Power Feed Drill Press, 8 Spindle Model, High Speed with 1/2" Key Chuck, #501 Belt, #1312 Motor Pulley, 3/4" bore, #1399 Legs. Sectional Table.	2970
Motors and Controls for Single Phase Operation		
1332	Switch Rod to fit 17" Drill Press.	1 1/4
82-710	Motor, 1/2 HP, 1725 RPM, 115/230 V, 60 cycle.	52
82-910	Motor, 3/4 HP, 1725 RPM, 115/230 V, 60 cycle.	50
83-510	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	70
For Three Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-317	Mounting Bracket for mounting overload switch, manual or magnetic starters on right hand side only of 17" Drill Press, Single and Multiple Spindle Power Feed.	2
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on Single and Multiple Spindle Models (not Power Feed Models).	3
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start-stop-reset buttons.	5

Cat. No.	Description	Ship. Wt. Lbs.
(Motors and Controls Continued)		
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start-stop-reset buttons.	6
86-520	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	42
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44

15" DRILL PRESS

Single Spindle Models		
15-005	15" Drill Press, Bench Model, Slo Speed, #2 Morse Taper Spindle with Standard Tilting Table.	135
15-006	15" Drill Press, Bench Model, High Speed, #2 Morse Taper Spindle with Standard Tilting Table.	136
15-007	15" Drill Press, Bench Model, Slo Speed, ½" Key Chuck Spindle with Standard Tilting Table.	137
15-008	15" Drill Press, Bench Model, High Speed, ½" Key Chuck Spindle with Standard Tilting Table.	136
15-205	15" Drill Press, Floor Model, Slo Speed, #2 Morse Taper Spindle with Standard Tilting Table.	176
15-206	15" Drill Press, Floor Model, High Speed, #2 Morse Taper Spindle with Standard Tilting Table.	176
15-207	15" Drill Press, Floor Model, Slo Speed, ½" Key Chuck Spindle with Standard Tilting Table.	174
15-208	15" Drill Press, Floor Model, High Speed, ½" Key Chuck Spindle with Standard Tilting Table.	172
15-210	15" Drill Press, Floor Model, Slo Speed, #2 Morse Taper Spindle with Production Table with #1008 table raising mechanism.	232
15-211	15" Drill Press, Floor Model, High Speed, #2 Morse Taper Spindle with Production Table with #1008 table raising mechanism.	233
15-212	15" Drill Press, Floor Model, Slo Speed, ½" Key Chuck Spindle with Production Table with #1008 table raising mechanism.	236
15-213	15" Drill Press, Floor Model, High Speed, ½" Key Chuck Spindle with Production Table with #1008 table raising mechanism.	236
15-305	15" Drill Press, Bench Model, Slo Speed, #2 Morse Taper Spindle with 14" x 16" Production Table.	222
15-306	15" Drill Press, Bench Model, High Speed, #2 Morse Taper Spindle with 14" x 16" Production Table.	205
15-307	15" Drill Press, Bench Model, Slo Speed, ½" Key Chuck Spindle with 14" x 16" Production Table.	210
15-308	15" Drill Press, Bench Model, High Speed, ½" Key Chuck Spindle with 14" x 16" Production Table.	210
Multiple Spindle Models		
15-405	15" Drill Press, 2 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	414
15-406	15" Drill Press, 2 Spindle Model, High Speed, #2 Morse Taper Spindle.	414
15-407	15" Drill Press, 2 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	410
15-408	15" Drill Press, 2 Spindle Model, High Speed, ½" Key Chuck Spindle.	410
15-410	15" Drill Press, 3 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	852
15-411	15" Drill Press, 3 Spindle Model, High Speed, #2 Morse Taper Spindle.	879
15-412	15" Drill Press, 3 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	914
15-413	15" Drill Press, 3 Spindle Model, High Speed, ½" Key Chuck Spindle.	910
15-415	15" Drill Press, 4 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	1020
15-416	15" Drill Press, 4 Spindle Model, High Speed, #2 Morse Taper Spindle.	1020
15-417	15" Drill Press, 4 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	754
15-418	15" Drill Press, 4 Spindle Model, High Speed, ½" Key Chuck Spindle.	754
15-515	15" Drill Press, 5 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	1304
15-516	15" Drill Press, 5 Spindle Model, High Speed, #2 Morse Taper Spindle.	1304
15-517	15" Drill Press, 5 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	1304
15-518	15" Drill Press, 5 Spindle Model, High Speed, ½" Key Chuck Spindle.	1304
15-520	15" Drill Press, 6 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	1750
15-521	15" Drill Press, 6 Spindle Model, High Speed, #2 Morse Taper Spindle.	1750
15-522	15" Drill Press, 6 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	1750
15-523	15" Drill Press, 6 Spindle Model, High Speed, ½" Key Chuck Spindle.	1750
15-525	15" Drill Press, 8 Spindle Model, Slo Speed, #2 Morse Taper Spindle.	1972
15-526	15" Drill Press, 8 Spindle Model, High Speed, #2 Morse Taper Spindle.	1972
15-527	15" Drill Press, 8 Spindle Model, Slo Speed, ½" Key Chuck Spindle.	1972
15-528	15" Drill Press, 8 Spindle Model, High Speed, ½" Key Chuck Spindle.	1972

Note: High Speed Models include #49-168 V-belt and #985 Motor Pulley, ½" bore.

Slo Speed Models include #49-167 V-belt and #985 Motor Pulley, ½" bore.

The 2, 3 and 4 Spindle Drill Presses all have one-piece tables.

The 5, 6 and 8 Spindle Drill Presses have sectional tables.

Tables on multiple spindle units have 1½" coolant through.

Working surface is 32" from the floor.

Counterbalance for raising and lowering heads is included.

Sectional table units with three sections have three steel legs--all other multiple spindle units have two legs.

Motors and Controls for Single Phase Operation

1331	Switch Rod with mounting parts. Used with #62-110 or #62-680 motor or Delta DC motors with toggle switches.	1
15-811	Wiring Kit for single phase operation. Includes push button switch, 4-wire cable and wiring diagram for use with #62-110 or #62-680 motor. Also used with DC motor.	1¼

Cat. No.	Description	Ship. Wt. Lbs.
(Motors and Controls Continued)		
62-110	Motor, 1/2 HP, 1725 RPM, 115/230 V, 60 cycle.	29
62-680	Motor, 1/2 HP, 1725 RPM, 115/230 V, 60 cycle.	30
For Three-Phase Operation		
15-812	Wiring Kit for 3 phase operation. Includes push button magnetic control switch, 3-wire cable, and wiring diagram for use with #66-120 or #66-340 motor and magnetic starters #49-396 or #49-397.	1
15-813	Wiring Kit for 3 phase operation. Includes push button manual control switch, two 3-wire cables, and wiring diagram for use with #66-120 or #66-340 motors and #49-365 overload switch.	1 3/4
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on Single and Multiple Spindle Models (not Power Feed Models). Used with #1320, #49-393, #49-394, #49-395, #49-396 and #49-397 starters and #49-365 overload switch.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1 1/2 HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
66-120	Motor, 1/2 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	23
66-340	Motor, 1/2 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	25

14" UTILITY DRILL PRESS

14-007	14" Drill Press, Bench Model, Slo Speed with 1/2" Key Chuck, #430 V-belt, #985 Motor Pulley, 1/2" bore and Standard Tilting Table.	119
14-008	14" Drill Press, Bench Model, High Speed with 1/2" Key Chuck, #387 V-belt, #985 Motor Pulley, 1/2" bore and Standard Tilting Table.	119
14-207	14" Drill Press, Floor Model, Slo Speed with 1/2" Key Chuck, #430 V-belt, #985 Motor Pulley, 1/2" bore and Standard Tilting Table.	160
14-208	14" Drill Press, Floor Model, High Speed with 1/2" Key Chuck, #387 V-belt, #985 Motor Pulley, 1/2" bore and Standard Tilting Table.	162
14-226	Head, for 14" Utility High-Speed Drill Press, with 1/2" Key Chuck Spindle, #387 V-belt, and #985 Motor Pulley, 1/2" bore.	
14-227	Head, for 14" Utility High-Speed Drill Press, with #1 Morse Taper Spindle, #387 V-belt, and #985 Motor Pulley 1/2" bore.	55
14-228	Head, for 14" Utility Slo-Speed Drill Press, with 1/2" Key Chuck Spindle, #430 V-belt, and #985 Motor Pulley 1/2" bore.	55
14-229	Head, for 14" Utility Slo-Speed Drill Press, with #1 Morse Taper Spindle, #430 V-belt, and #985 Motor Pulley 1/2" bore.	55
Motors and Controls for Single Phase Operation		
1331	Switch Rod with mounting parts. Used with #62-110 or #62-680 motor or Delta DC motors with toggle switches.	1
15-811	Wiring Kit for single phase operation. Includes push button switch, 4-wire cable and wiring diagram for use with #62-110 or #62-680 motor. Also used with DC motor.	1 1/4
62-110	Motor, 1/2 HP, 1725 RPM, 115/230 V, 60 cycle.	29
62-680	Motor, 1/2 HP, 1725 RPM, 115/230 V, 60 cycle.	30

For Three-Phase Operation

15-812	Wiring Kit for 3 phase operation. Includes push button magnetic control switch, 3-wire cable, and wiring diagram for use with #66-120 or #66-340 motors and magnetic starters #49-396 or #49-397.	1
15-813	Wiring Kit for 3 phase operation. Includes push button manual control switch, two 3-wire cables, and wiring diagram for use with #66-120 or #66-340 motors and #49-365 overload switch.	1 3/4
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on Single and Multiple Spindle Models (not Power Feed Models). Used with #1320, #49-393, #49-394, #49-395, #49-396 and #49-397 starters and #49-365 overload switch.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1 1/2 HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. To assure that correct heated coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start and stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start and stop control station must be used.	6
66-120	Motor, 1/2 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	24
66-340	Motor, 1/2 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	25

14" SUPER-HI SENSITIVE DRILL PRESS

14-321	14" Super-Hi-Speed, Single Spindle Drill Press, Bench Model with 1/2 HP, single phase, 3450 RPM, 115/230 V, 60 cycle Motor and Switch Rod.	152
14-322	14" Super-Hi-Speed, Single Spindle Drill Press, Bench Model with 1/2 HP, single phase, 2850 RPM, 115/230 V, 50 cycle. Motor and Switch Rod.	152
14-323	14" Super-Hi-Speed, Single Spindle Drill Press, Bench Model with 1/2 HP, 3 phase, 2850/3450 RPM, 208-220/440 V, 50/60 cycle Motor. (Use with #1320 starter and #49-318 mounting part).	152

Cat. No.	Description	Ship. Wt. Lbs.
(14" Super-Hi Sensitive Drill Press Continued)		
14-324	14" Super-Hi-Speed, Single Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 115 V, DC Motor and Switch Rod.	175
14-325	14" Super-Hi-Speed, Single Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 230 V, DC Motor and Switch Rod.	175
14-551	14" Super-Hi-Speed, 2 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 3450 RPM, 115/230 V, 60 cycle Motor and Switch Rod. Sectional Table.	670
14-552	14" Super-Hi-Speed, 2 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 2850 RPM, 115/230 V, 50 cycle Motor and Switch Rod. Sectional Table.	670
14-553	14" Super-Hi-Speed, 2 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3 phase, 2850/3450 RPM, 208-220/440 V, 50/60 cycle Motor. (Use with #1320 starter). Sectional Table.	670
14-554	14" Super-Hi-Speed, 2 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 115 V, DC Motor and Switch Rod. Sectional Table.	670
14-555	14" Super-Hi-Speed, 2 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 230 V, DC Motor and Switch Rod. Sectional Table.	670
14-561	14" Super-Hi-Speed, 3 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 3450 RPM, 115/230 V, 60 cycle Motor and Switch Rod. Sectional Table.	900
14-562	14" Super-Hi-Speed, 3 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 2850 RPM, 115/230 V, 50 cycle Motor and Switch Rod. Sectional Table.	900
14-563	14" Super-Hi-Speed, 3 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3 phase, 2850/3450 RPM, 208-220/440 V, 50/60 cycle Motor. (Use with #1320 starter). Sectional Table.	900
14-564	14" Super-Hi-Speed, 3 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 115 V, DC Motor and Switch Rod. Sectional Table.	900
14-565	14" Super-Hi-Speed, 3 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 230 V, DC Motor and Switch Rod. Sectional Table.	900
14-571	14" Super-Hi-Speed, 4 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 3450 RPM, 115/230 V, 60 cycle Motor and Switch Rod. Sectional Table.	1180
14-572	14" Super-Hi-Speed, 4 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, single phase, 2850 RPM, 115/230 V, 50 cycle Motor and Switch Rod. Sectional Table.	1180
14-573	14" Super-Hi-Speed, 4 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3 phase, 2850/3450 RPM, 208-220/440 V, 50/60 cycle Motor. (Use with #1320 starter). Sectional Table.	1180
14-574	14" Super-Hi-Speed, 4 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 115 V, DC Motor and Switch Rod. Sectional Table.	1180
14-575	14" Super-Hi-Speed, 4 Spindle Drill Press, Bench Model with $\frac{1}{2}$ HP, 3450 RPM, 230 V, DC Motor and Switch Rod. Sectional Table.	1180
Controls for 3 Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on Single Spindle Models.	3
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6

11" HOMECRAFT DRILL PRESS

11-100	11" Drill Press. Complete with $\frac{1}{2}$ " Capacity Geared Chuck Spindle and Key, Arbor Pulley, #340 V-belt, #985 Motor Pulley and Wrench.	79
--------	---	----

32" RADIAL DRILL PRESS

11-280	32" Radial Drill Press. Complete with $\frac{1}{2}$ " Capacity Geared Chuck Spindle and Key, Arbor Pulley, #49-142 V-belt, #985 Motor Pulley.	85
--------	--	----

DRILL PRESS ACCESSORIES

Accessories for 20", 17", 15" and 14" (Utility) Drill Presses

504	$\frac{1}{4}$ " Mortising Chisel. Production Type.	$\frac{1}{2}$
505	$\frac{5}{16}$ " Mortising Chisel. Production Type.	$\frac{1}{2}$
506	$\frac{3}{8}$ " Mortising Chisel. Production Type.	1
508	$\frac{1}{2}$ " Mortising Chisel. Production Type.	$\frac{5}{8}$
514	$\frac{1}{4}$ " Bit for Mortising Chisel, $\frac{3}{16}$ " Shank.	$\frac{3}{8}$
515	$\frac{5}{16}$ " Bit for Mortising Chisel, $\frac{1}{4}$ " Shank.	$\frac{1}{2}$
516	$\frac{3}{8}$ " Bit for Mortising Chisel, $\frac{13}{64}$ " Shank.	$\frac{1}{2}$
518	$\frac{1}{2}$ " Bit for Mortising Chisel, $\frac{19}{64}$ " Shank.	$\frac{1}{2}$
673	V-Belt, 74 $\frac{1}{4}$ " OC.	$\frac{3}{4}$
679	$1\frac{1}{2}$ " Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " Shaft.	$\frac{3}{8}$
680	$2\frac{3}{16}$ " Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " Shaft.	$\frac{1}{2}$
681	3" Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " Shank.	$\frac{3}{4}$
682	$1\frac{1}{2}$ " Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	$\frac{1}{4}$
683	$1\frac{1}{2}$ " Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	$\frac{1}{4}$
684	$2\frac{3}{16}$ " Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	$\frac{1}{4}$
685	$2\frac{3}{16}$ " Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	$\frac{1}{4}$
686	3" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	$\frac{1}{4}$

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

(Accessories for 20", 17", 15" and 14" (Utility) Drill Presses Continued)

687	3" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	1/4
804	1/4" Machine Spur Bit with 1/2" Shank. Production Type.	3/8
805	3/8" Machine Spur Bit with 1/2" Shank. Production Type.	5/8
806	1/2" Machine Spur Bit with 1/2" Shank. Production Type.	3/4
807	5/8" Machine Spur Bit with 1/2" Shank. Production Type.	5/8
808	3/4" Machine Spur Bit with 1/2" Shank. Production Type.	3/4
809	7/8" Machine Spur Bit with 1/2" Shank. Production Type.	5/8
810	1" Machine Spur Bit with 1/2" Shank. Production Type.	3/4
812	1 1/4" Machine Spur Bit with 1/2" Shank. Production Type.	5/8
814	3/8" Plug Cutter, 1/2" Shank.	3/8
815	1/2" Plug Cutter, 1/2" Shank.	3/8
816	5/8" Plug Cutter, 1/2" Shank.	3/8
817	3/4" Plug Cutter, 1/2" Shank.	3/8
818	Set of 8 Machine Spur Bits with 1/2" Shank. Production Type. Catalog #804 to #812 inclusive.	3
819	1" Plug Cutter, 1/2" Shank.	1/2
822	Set of 5 Plug Cutters, 1/2" Shank.	2 1/2
830	3" Diameter x 3" Sanding Drum with one sleeve, 1/2" hole. (Fits 1/2" Shaft).	2
831	3" x 3" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	1/2
832	3" x 3" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	1/4
833	3" x 3" Sleeves, coarse aluminous oxide for metal, 50 grit. (Pkg. of 6).	1/4
835	1 3/4" Diameter x 2" Sanding Drum with one sleeve, 1/2" hole.	1/2
836	1 3/4" x 2" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	1/4
837	1 3/4" x 2" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	1/4
838	1 3/4" x 2" Sleeves, coarse aluminous oxide, 50 grit. (Pkg. of 6).	1/4
840	1 1/4" Diameter x 2 1/2" Sanding Drum with one sleeve, 1/2" Shaft.	1/2
841	1 1/4" x 2 1/2" Sleeves, medium garnet, 50 grit for #711 and #840. (Pkg. of 6).	1/4
842	1 1/4" x 2 1/2" Sleeves, fine garnet, 80 grit for #711 and #840. (Pkg. of 6).	1/4
847	1 1/4" x 2 1/2" Sleeves, coarse aluminous oxide, 50 grit for #711 and #840. (Pkg. of 6).	1/4
968	Geared Chuck with #2 Morse Taper Shank for 11" and 12" Lathes and for 17" Drill Press.	2 1/2
1024	1 1/2" Drill Press Vise.	4
1025	1 1/2" Angle Vise.	6 1/2
1026	2 1/2" Angle Vise.	9
11-834	Auxiliary Shaft, steel, 1/2" x 2 1/2" with Flat Entire Length for use with #974 Spindle on 11", 14" and 32" Radial Drill Press.	1/4
17-802	Coolant Line, complete with nozzle, pet cock bracket and hose.	3
24-902	Univise for Toolmaker Grinder, 360° rotation.	16
50-401	Floor rest for multiple spindle tables. Adjusts 27 1/2" to 29 1/2".	20

Accessories for 20" Drill Press

17-820	Drill Chuck with #3 Morse Taper, 3-jaw, 0-1/2".	1/4
20-420	Quill Assembly used to change any #3 Morse Taper Spindle Model to #2 Morse Taper Spindle. Consists of Quill with #2 Morse Taper Spindle assembled with collar, ball bearings and flinger collar.	3
20-427	20" Hand Feed Drill Press Head, #2 Morse Taper with belt guard, #49-108 V-belt, #49-235 Motor Pulley 3/4" bore, less raising mechanism, switch and motor.	169
20-430	Quill Assembly used to change any #2 Morse Taper Spindle Model to #3 Morse Taper Spindle. Assembled with collar, ball bearings and flinger collar.	
20-437	20" Hand Feed Drill Press Head, #3 Morse Taper with belt guard, #49-108 V-belt, #49-235 Motor Pulley 3/4" bore, less raising mechanism, switch and motor.	171
20-623	Ball Bearing Carriage with 33" column for Overhead Drill Press.	126
20-624	Flange with screws for mounting column on table (not for single spindle floor models).	46
20-625	20" Drill Press Column, 3 3/4" x 33" steel.	50
20-626	20" Drill Press Column, 3 3/4" x 42" steel.	55
20-627	20" Drill Press Column, 3 3/4" x 66" steel.	102
20-628	20" Drill Press Column, 3 3/4" x 78" steel.	128
20-630	Slo-Speed Attachment with #2 Morse Taper Spindle and #2 Morse Taper Drive Pinion.	9
20-631	Slo-Speed Attachment with #2 Morse Taper Spindle and #3 Morse Taper Drive Pinion.	9
20-632	Slo-Speed Attachment with #3 Morse Taper Spindle and #2 Morse Taper Drive Pinion.	9
20-633	Slo-Speed Attachment with #3 Morse Taper Spindle and #3 Morse Taper Drive Pinion.	9
20-634	Four-step Planetary Gear Spindle Pulley.	15
20-635	Five Step Planetary Gear Spindle Pulley.	15
20-640	Mortising Attachment used with #986 Drill Chuck on 20# Drill Presses with #2 Morse Taper Spindle only. Includes fence, mounting bolts, 2 hooked rods, adjustable hold down and chisel holder.	16
20-642	Power Feed Attachment. Used to convert Delta 20" Drill Press or Head to Power Feed.	46
20-643	Power Feed Conversion Kit. Used to convert old style 20" Power Feed Mechanism (Delta Serial Numbers below 126-9500) to present mechanism.	50
20-650	Production Table, 15" x 18" ground work surface with 4 diagonal and 2 parallel blind T slots for 1/2" bolts. Without #20-661 raising mechanism. For single spindle floor model Drill Presses.	112
20-651	Production Table, 24" x 18" ground work surface for single spindle bench model.	136
20-652	Production Table, 24 1/2" x 35 1/2" ground work surface. One-piece for two spindle set up. Drilled and tapped for column mounting flanges on 17 1/2" centers.	334
20-653	Production Table, 24 1/2" x 70 1/2" machined work surface. One piece for three spindle set up. Drilled and tapped for column mounting flanges on 26 1/4" centers.	646

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 20" Drill Press Continued)		
20-654	Production Table, 24½" x 70½" machined work surface. One-piece for four spindle set up. Drilled and tapped for column mounting flanges on 17½" centers.	646
20-656	Production Table, 24½" x 105½" machined work surface. Two-piece for six spindle set up. Drilled and tapped for column mounting flanges on 17½" centers.	962
20-657	Production Table, 25" x 35¼" ground work surface, right end section. Drilled and tapped for two columns on 17½" centers.	480
20-658	Production Table, 25" x 35¼" ground work surface, left end section. Drilled and tapped for two columns on 17½" centers.	480
20-659	Production Table, 25" x 35" ground work surface. Center section drilled and tapped for two columns on 17½" centers.	382
20-660	Tilting Table, 16" x 18" ground work surface top and one side finished to plane surfaces at right angles to one another. Tilts 90° right and left, slotted with tilt angle scale. Without #20-661, single spindle, floor model only.	112
20-661	Raising Mechanism for head or table of 20" Drill Press. Fits #20-660 and #20-650 tables. Includes ball bearing thrust collar, rack, gear assembly and crank.	19
20-727	Head, #2 Morse Taper, Power Feed, with belt guard, #49-235 Motor Pulley, ¾" bore, #49-108 V-belt and V-belts #49-101 and #49-102 for power feed, less raising mechanism, push button switch and motor.	232
20-737	Head, #3 Morse Taper, Power Feed, with belt guard, #49-235 Motor Pulley, ¾" bore, #49-108 V-belt and V-belts #49-101 and #49-102 for power feed, less raising mechanism, push button switch and motor.	222
49-101	V-belt, 29½" OC.	¾
49-102	V-belt, 24¾" OC.	¾
49-108	V-belt, 62½" OC.	1
49-109	V-belt for use with #20-634 Spindle Pulley or with Geared Spindle Pulley Head. Longer in length than standard belt #49-108 and used to obtain higher spindle speeds. Steel reinforced type, 64½" OC.	¾
49-235	Motor Pulley, 5 step, ¾", ⅝" or 1" bore.	3½
50-399	Legs, steel, one pair, 27½" high.	100
50-400	Riser Blocks, one pair, 2" high.	8
50-506	Leg, steel, 27½" high.	50

Accessories for 17" Drill Press

501	V-belt for 17" High Speed Drill Press, 52" OC.	½
520	V-belt for 17" Slo-Speed Drill Press, 54½" OC.	½
882	Lamp Attachment.	1½
969	Pilot Wheel, 3 spoke type, with handle knobs.	4
1311	Slo-Speed, 5-step Motor Pulley for all 17" Drill Presses, ½", ⅝", ¾" or ⅞" bore.	3
1312	High Speed, 5-step Motor Pulley for all 17" Drill Presses, ½", ⅝", ¾" or ⅞" bore.	3
1332	Switch rod.	1½
1366	Flange and screws for mounting 17" Drill Press Column on Table.	10
1367	17" Drill Press Column, 60" long for floor models 3½ x 62".	33
1368	17" Drill Press Column, 38½" long for bench models, 3½ x 38½".	21
1371	Foot Feed for 17" Floor Model Drill Press.	35
1372	Production Table for 17" Floor Model Drill Press, 12½" x 17".	57
1380	Raising Mechanism for Head or Table of 17" Drill Press with worm shaft, gear and pinion, ball handle, rack, ball thrust bearing and collar.	11
1381	Mortising Attachment for all 17" Drill Presses with ½" Key Chuck.	19
1391	Changeover parts, set of High Speed Pulleys and #501 Belt for converting Slo-Speed 17" Drill Press to High Speed.	7
1505	Center Section for Sectional Table.	365
1507	Table End Section.	352
1513	Table only (23⅜" x 36" working surface). Normally for 2 Spindle, 17" Drill Press.	320
1514	Bench Type Production Style Base (16" x 18" working surface). Normally for Single Spindle, 17" Drill Press.	120
1515	Table only (23⅜ x 77" working surface). Normally for 4 Spindle, 17" Drill Press.	804
17-369	Column for 17" Floor Model Drill Press, 3½" x 77".	45
17-600	Slo Speed Head for 17" Drill Press with #2 Morse Taper Spindle, #520 Belt, #1311 Motor Pulley and guard for belt and pulleys.	102
17-601	High Speed Head for 17" Drill Press with #2 Morse Taper Spindle, #501 Belt, #1312 Motor Pulley, ¾" bore and guard for belt and pulleys.	97
17-602	Slo Speed Head for 17" Drill Press with ½" Key Chuck, #520 Belt, #1311 Motor Pulley, ¾" bore and guard for belt and pulleys.	109
17-603	High Speed Head for 17" Drill Press with ½" Key Chuck, #501 Belt, #1312 Motor Pulley, ¾" bore and guard for belt and pulleys.	107
17-620	Slo Speed Head for 17" Power Feed Drill Press with #2 Morse Taper Spindle. Includes #520 Belt, #49-103 V-belt, #1311 Motor Pulley, ¾" bore, Motor Pulley for Power Feed, ¾" bore and guards for belts and pulleys.	172
17-621	High Speed Head for 17" Power Feed Drill Press with #2 Morse Taper Spindle. Includes #501 V-belt, #49-103 V-belt, #1312 Motor Pulley, ¾" bore, Motor Pulley for Power Feed, ¾" bore, and guards for belts and pulleys.	172

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

(Accessories for 17" Drill Press Continued)

17-622	Slo Speed Head for 17" Power Feed Drill Press with ½" Key Chuck. Includes #520 Belt #49-103 V-belt, #1311 Motor Pulley, ¾" bore, Motor Pulley for Power Feed, ¾" bore and guards for belts and pulleys.	172
17-623	High Speed Head for 17" Power Feed Drill Press with ½" Key Chuck. Includes #501 Belt, #49-103 V-belt, #1312 Motor Pulley, ¾" bore, Motor Pulley for Power Feed, ¾" bore and guards for belts and pulleys.	172
17-800	Power feed attachment. Converts standard feed to power feed.	55
17-801	Raising mechanism for head or table.	15
17-820	Drill Chuck with #3 Morse Taper, 3-jaw, 0-½".	½
17-857	Power Feed Attachment for 17" Drill Press. Includes gear box, motor pulley, belt guard, gear drive, handle, motor plate, grill pinion shaft, stop rod, #49-103 V-belt and oiler.	72
17-860	Slo-Speed Attachment for 17" Drill Press, #2 Morse Taper Spindle Models only. Speed range: 80 to 2240 RPM.	10
17-862	Changeover parts for converting High Speed 17" Drill Press to Slo-Speed. Includes Slo-Speed Pulleys and #520 Belt.	10
17-880	17" Drill Press Spindle with #3 Morse Taper.	3
49-103	V-belt for Power Feed, 26⅝" IC, 28" OC.	½
50-399	Legs, steel, one pair, 27½" high.	100
50-400	Riser Blocks, one pair, 2" high.	8
50-506	Leg, steel, 27½" high.	50

Accessories for 15" and 14" (Utility) Drill Presses

271	V-belt, 25" OC, for motor pulley of Multi-Speed Attachments #14-815 and #14-816.	½
272	Spindle V-belt for #1028 High Speed 14" Drill Press Attachment, 28⅝" OC.	¼
273	Spindle V-belt for #1029 Slo-Speed 14" Drill Press Attachment, 32⅝" OC.	¼
387	V-belt, 39⅞" OC.	1
430	V-belt, 44" OC.	1
474	¼" Router Bit, ½" Shank R.H.	¼
475	⅝" Router Bit, ½" Shank R.H.	¼
476	⅜" Router Bit, ½" Shank R.H.	¼
477	⅞" Router Bit, ½" Shank R.H.	¼
478	½" Router Bit, ½" Shank R.H.	¼
480	Set of 5 Router Bits, ½" Shank R.H.	1¼
524	⅝" Bushing for ¼" Mortising Chisel.	½
525	¼" Bushing for ⅝" Mortising Chisel.	½
526	⅞" Bushing for ⅝" and ½" Mortising Chisel.	¼
634	¼" Mortising Chisel (Homecraft Type).	½
636	⅝" Mortising Chisel (Homecraft Type).	½
638	½" Mortising Chisel (Homecraft Type).	½
882	Lamp Attachment.	1½
969	Pilot Wheel, 3-spoke type with handle knobs. For 11" and 14" Drill Presses and 32" Radial Drill Press.	4
972	Spindle with ½" Geared Chuck for 14" and 11" Drill Presses and 32" Radial Drill Press.	3½
973	Spindle with female #1 Morse Taper for 14" and 11" Drill Presses and 32" Radial Drill Press.	2
974	Spindle with ½" hole for wood working for 14" and 11" Drill Presses and 32" Radial Drill Press.	2½
975	Spindle with female #2 Morse Taper for 14" Drill Press.	2
976	Mortising Attachment for 14" and 11" Drill Presses and 32" Radial Drill Press. Complete with bushings.	8
977	Spindle with threaded end for ⅝" Shaper Cutter for 14" and 11" Drill Presses and 32" Radial Drill Press.	2
978	½" Adapter to fit #974 Spindle for ⅝" hole Shaper Cutters for 14" and 11" Drill Presses.	½
979	Shaper Collars, set of 6. Complete for use with ⅝" hole Shaper Cutters.	½
980	Shaper Cutters, set of 24 with #978 Adapter and #979 Depth Collars in wood case.	2
982	Shaper Fence to fit 14" and 11" Drill Presses.	12
983	Set of Spring Hold Downs for 14" and 11" Drill Presses when used for Shaping.	2
985	4-Step Motor Pulley for 14" and 11" Drill Presses and 32" Radial Drill Press. Specify bore.	2
991	Spindle for Cup Wheel for 14" and 11" Drill Presses and 32" Radial Drill Press.	2
992	3½" x 1½" Cup Wheel, ½" hole for use on #991 Spindle on 11" and 14" Drill Presses and 32" Radial Drill Press.	2
1007	Foot Feed for Old Style 14" Floor Model Drill Press.	42
1008	Table raising mechanism only for 14" Drill Press.	10
1010	Collar for Column of 14" and 15" Drill Presses.	2
1019	Flange and screws for mounting 14" and 15" Drill Press Columns.	10
1020	Column for 14" and 15" Drill Presses, 2¼" x 36¼" long.	13
1028	Multi-Speed Attachment for 14" High-Speed Drill Press.	13
1029	Multi-Speed Attachment for 14" Slo-Speed Drill Press.	8
1030	Spring counterbalance assembly for 14" and 15" Drill Presses. Consists of spring, chain, column top casting with ball bearing roller and screws. (Not recommended for 30" columns).	9
1290	Set of parts for converting High Speed 14" Drill Press into a Slo Speed Model.	6

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 15" and 14" Utility Drill Press Continued)		
1505	Production Table, center section, 23 $\frac{3}{8}$ " x 30" ground work surface.	365
1507	Production Table, end section, 23 $\frac{3}{8}$ " x 32 $\frac{1}{2}$ " ground work surface.	420
1516	Bench Type Production Style Base 14" x 16" ground work surface. Normally for Single Spindle 14" and 15" Drill Presses.	110
1517	Table only, 19 $\frac{3}{8}$ " x 28" ground work surface. Normally for 2 Spindle 14" and 15" Drill Presses.	274
1519	Table only, 21 $\frac{1}{4}$ " x 51" ground work surface. Normally 3 or 4 Spindle 14" and 15" Drill Presses.	465
11-806	Plywood Shaper Table for use on 11" and 14" Drill Presses and 32" Radial Drill Press.	10
11-811	Machine Auger Bit, $\frac{1}{4}$ " diameter, 5" long, $\frac{1}{4}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-812	Machine Auger Bit, $\frac{5}{16}$ " diameter, 5" long, $\frac{1}{4}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-813	Machine Auger Bit, $\frac{3}{8}$ " diameter, 5" long, $\frac{1}{4}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-814	Machine Auger Bit, $\frac{7}{16}$ " diameter, 5" long, $\frac{1}{4}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-815	Machine Auger Bit, $\frac{1}{2}$ " diameter, 5" long, $\frac{1}{4}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-817	Machine Auger Bit, $\frac{5}{8}$ " diameter, 6" long, $\frac{1}{2}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-818	Machine Auger Bit, $\frac{3}{4}$ " diameter, 5" long, $\frac{1}{2}$ " Shank (Homecraft Type).	$\frac{5}{8}$
11-821	One set of Machine Auger Bits, Catalog #11-811 to #11-818 inclusive. (Homecraft Type).	3
14-800	Tilting Table Assembly with column bracket, complete.	26
14-801	Belt and Pulley Guard. Same as supplied with 15" Drill Press. Includes pan, cover, hinges and mounting bolts.	19
14-810	Micro Set Stop Rod for 14" Drill Press.	$\frac{1}{2}$
14-814	Hand Feed. Same as 15" Drill Press Hand Feed. Includes pinion shaft, hub, feed handle, handle balls and mounting instructions.	8
14-815	Multi-Speed Attachment, 12 speeds, 275 to 10,800 RPM. Includes adjustable mounting bracket or column, ball bearing cone pulley and 2 V-belts.	5 $\frac{1}{2}$
14-816	Multi-Speed Attachment for Slo Speed Drill Presses, 12 speeds, from 185 to 4,825 RPM. Includes adjustable mounting bracket for column, ball bearing cone pulley and 2 V-belts.	5 $\frac{1}{2}$
14-817	Set pf parts for converting Slo Speed 14" Drill Press into a High Speed Model.	13
14-820	Foot feed for new 14" Drill Press. Single Spindle Floor Models only.	34
14-839	Column, 2 $\frac{3}{4}$ " diameter x 31" long.	9
15-827	Column, 2 $\frac{3}{4}$ " x 62" long.	21
15-850	Production Table, 12" x 18", ground wood surface, for Single Spindle floor models. (Without #1008 raising mechanism).	67
43-817	Shaper Ring Guard.	6
49-170	V-belt, 28" OC.	$\frac{1}{2}$
50-399	Legs, steel, one pair, 27 $\frac{1}{2}$ " high.	100
50-400	Riser Blocks, one pair, 2" high.	8
50-401	Floor Rest, adjustable from 27 $\frac{1}{2}$ " to 29 $\frac{1}{2}$ ".	20
50-506	Leg, steel, 27 $\frac{1}{2}$ " high.	50

Accessories for 15" Drill Press

271	Motor V-belt for #1028 and #1029 Multi-Speed 14" Drill Press Attachment, 25 $\frac{1}{4}$ " OC.	$\frac{1}{4}$
15-220	15" Drill Press High Speed Head only, with $\frac{1}{2}$ " Key Chuck, #49-168 V-belt and #985 Motor Pul- ley, $\frac{1}{2}$ " bore.	68
15-221	15" Drill Press High Speed Head only, with #2 Morse Taper Spindle, #49-168 V-belt and #985 Motor Pulley, $\frac{1}{2}$ " bore.	68
15-222	15" Drill Press Slo Speed Head only, with #2 Morse Taper Spindle, #49-167 V-belt and #985 Motor Pulley, $\frac{1}{2}$ " bore.	68
15-223	15" Drill Press Slo Speed Head only, with $\frac{1}{2}$ " Key Chuck, #49-167 V-belt and #985 Motor Pul- ley, $\frac{1}{2}$ " bore.	68
15-815	Multi-Speed Attachment for High Speed Drill Press, 12 speeds from 275 to 9000 RPM and includes mounting bracket for column, cone pulley and two V-belts.	6
15-816	Multi-Speed Attachment for Slo-Speed Drill Press, 12 speeds from 185 to 4825 RPM and includes mounting bracket for column, cone pulley and two V-belts.	5 $\frac{1}{2}$
15-817	Conversion, Changeover parts for converting Slo-Speed to High Speed. Includes #49-168 Belt and High Speed Spindle Pulley.	-3
15-818	Conversion, Changeover parts for converting High Speed to Slo-Speed. Includes #49-167 Belt and Slo-Speed Spindle Pulley.	2
15-820	Foot Feed for floor model Drill Press with 62" column. Consists of foot pedal, rods, mounting brackets and spring.	36
15-830	Drill Chuck, Key Chuck, 0- $\frac{1}{2}$ " Capacity, 3-jaw with threaded mounting collar and key.	1 $\frac{1}{2}$
15-832	Spindle Adapter, #1 Morse Taper hole with threaded mounting collar.	2
15-833	Spindle Adapter, #2 Morse Taper hole with threaded mounting collar.	1
15-835	Spindle Adapter with threaded mounting collar for Cup Grinding wheels.	116
15-836	Spindle Adapter with collars and threaded mounting collar for Shaper Cutters with $\frac{1}{2}$ " hole. ...	116
15-837	Spindle Adapter with 1 $\frac{1}{2}$ " hole with threaded mounting collar for Router and Spur Bits, etc.	1
15-840	Mortising Attachment, Key Chuck models only. Capacity under hold-down 4 $\frac{3}{4}$ " hooked rods to fence 2 $\frac{3}{4}$ ". Includes fence, mounting bolts, hooked rods, hold down and chisel holder.	8 $\frac{1}{2}$
49-167	V-belt, 45 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
49-168	V-belt, 41 $\frac{1}{8}$ " OC.	$\frac{1}{2}$

Accessories for 14" Super Hi Sensitive Drill Press

882	Lamp Attachment.	1 $\frac{1}{2}$
1010	Collar for Column of 14" and 15" Drill Presses.	2
1019	Flange and screws for mounting 14" and 15" Drill Press Columns.	10

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

(Accessories for 14" Super Hi Sensitive Drill Press Continued)

14-224	Slw-Speed Head only for 14" Drill Press.	55
14-225	High-Speed Head only for 14" Drill Press.	53
14-803	Rear Belt Guard only for Old Style 14" Drill Press.	8
14-821	Head only for 14" Super-Hi-Speed Drill Press with 1/2 HP, single phase, 3450 RPM, 115/230 V, 60 cycle Motor and Switch Rod.	115
14-822	Head only for 14" Super-Hi-Speed Drill Press with 1/2 HP, single phase, 2850 RPM, 115/230 V, 50 cycle Motor and Switch Rod.	117
14-823	Head only for 14" Super-Hi-Speed Drill Press with 1/2 HP, 3 phase, 2850/3450 RPM, 220/440 V, 50/60 cycle Motor. (Use with #1320 starter).	103
14-824	Head only for 14" Super-Hi-Speed Drill Press with 1/2 HP, 3450 RPM, 115 V, DC Motor and Switch Rod.	115
14-825	Head only for 14" Super-Hi-Speed Drill Press with 1/2 HP, 3450 RPM, 230 V, DC Motor and Switch Rod.	115
14-836	Center Section for Sectional Table of 14" Super-Hi-Speed Multi-Spindle Drill Press.	50
14-837	End Section for Sectional Table of 14" Super-Hi-Speed Multi-Spindle Drill Press. (Per Pair). ..	25
14-838	Column Cover for 14" Super-Hi-Speed Drill Press.	2
14-839	Column, 2 3/4" diameter x 31" long, for 14" Super-Hi-Speed Drill Press.	9
14-840	Production Table, one-piece, 9" x 10 3/4", for 14" Super-Hi-Speed Drill Press.	40

Pulley and Belt Units

14-829	Spindle Pulley and Flat Belt for 14" Super-Hi-Speed Drill Press, for speeds of 10000/7000/4500 RPM on 60 cycle Motors and 8250/5800/3700 RPM on 50 cycle Motors.	1/2
14-830	Spindle Pulley and #14-834 Flat Belt (39 1/2" long) for 14" Super-Hi-Speed Drill Press, for speeds of 9000/6200/4000 on 60 cycle Motors and 7400/5100/3300 on 50 cycle Motors.	1/2
14-833	Flat Belt for 14" Super-Hi-Speed Drill Press. Length 39" for #14-829 Spindle Pulley.	1/8
14-834	Flat Belt for 14" Super-Hi-Speed Drill Press. Length 39 1/2" for #14-830 Spindle Pulley.	1/8

Note: Single Spindle, One Piece Table -- Table Surface 10 3/4 x 9.

2 Spindle, Sectional Table -- Table Surface 10 3/4 x 19.

3 Spindle, Sectional Table -- Table Surface 10 3/4 x 28.

4 Spindle, Sectional Table -- Table Surface 10 3/4 x 37.

Accessories for 11" Homecraft and 32" Radial Drill Presses

882	Lamp Attachment.	1 1/2
969	Pilot Wheel, 3-spoke type with handle knobs for 14" and 11" Drill Presses and 32" Radial Drill Press.	4
972	Spindle with 1/2" Geared Chuck for 14" and 11" Drill Presses and 32" Radial Drill Press.	3 1/2
49-362	Retractable Caster Set to fit #50-821 steel stand.	12
50-821	Steel Stand for 11" and 32" Radial Drill Presses.	35
62-413	Motor, 1/2 HP, 1725 RPM, 115 V, 60 cycle.	32
D-1	Shaper Cutter, 3-lip, 5/16" hole, 6 1/4" diameter, concave, 1 1/4" width, 1/8" radius, maximum depth of cut 3/16".	2
D-2	Shaper Cutter, 3-lip, 5/16" hole, 6 1/4" diameter, concave, 1 7/8" width, 3/16" radius, maximum depth of cut 3/16".	2
D-3	Shaper Cutter, 3-lip, 5/16" hole, 6 1/4" diameter, concave, 2 3/4" width, 1/4" radius, maximum depth of cut 3/16".	2
D-4	Shaper Cutter, 3-lip, 5/16" hole, 6 1/4" diameter, concave, 7/16" width, 5/16" radius, maximum depth of cut 1/16".	2
D-10	Shaper Cutter, 3-lip, 5/16" hole, 1 1/4" diameter, convex, 1 1/4" width, 1/8" radius, maximum depth of cut 15/64".	2
D-11	Shaper Cutter, 3-lip, 5/16" hole, 1 1/16" diameter, convex, 1 7/8" width, 3/16" radius, maximum depth of cut 1/4".	2
D-12	Shaper Cutter, 3-lip, 5/16" hole, 1 3/32" diameter, convex, 2 3/4" width, 1/4" radius, maximum depth of cut 17/64".	2
D-13	Shaper Cutter, 3-lip, 5/16" hole, 1 1/8" diameter, convex, 7/16" width, 5/16" radius, maximum depth of cut 17/64".	2
D-20	Shaper Cutter, 3-lip, 5/16" hole, 1" diameter, corner bead, 7/32" width, 1/8" radius, maximum depth of cut 7/32".	2
D-21	Shaper Cutter, 3-lip, 5/16" hole, 1 1/32" diameter, corner bead, 7/16" width, 1/4" radius, maximum depth of cut 15/64".	2
D-30	Shaper Cutter, 3-lip, 5/16" hole, 1 1/16" diameter, spindle bead, 3/32" width, 3/32" radius, maximum depth of cut 5/16".	2
D-31	Shaper Cutter, 3-lip, 5/16" hole, 1 15/64" diameter, spindle bead, 11/32" width, 3/32" radius, maximum depth of cut 11/32".	2
D-40	Shaper Cutter, 3-lip, 5/16" hole, 1 3/32" diameter, surface bead, 1 9/64" width, 3/32" radius, maximum depth of cut 17/64".	2
D-41	Shaper Cutter, 3-lip, 5/16" hole, 1 3/32" diameter, surface bead, 2 5/64" width, 1/8" radius, maximum depth of cut 19/64".	2
D-50	Shaper Cutter, 3-lip, 5/16" hole, 1 1/8" diameter, round fluting, 3/16" width, 3/32" radius, maximum depth of cut 9/32".	2
D-51	Shaper Cutter, 3-lip, 5/16" hole, 1 1/8" diameter, round fluting, 1 7/64" width, 1/8" radius, maximum depth of cut 5/16".	2
D-60	Shaper Cutter, 3-lip, 5/16" hole, 6 1/4" diameter, straight face, 1/8" width, maximum depth of cut 3/16".	2

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

(Accessories for 11" Homecraft and 32" Radial Drill Press Continued)

D-61	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $\frac{61}{64}$ " diameter, straight face, $\frac{5}{32}$ " width, maximum depth of cut $\frac{3}{16}$ "	2
D-62	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $\frac{61}{64}$ " diameter, straight face, $\frac{3}{16}$ " width, maximum depth of cut $\frac{3}{16}$ "	2
D-63	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $\frac{61}{64}$ " diameter, straight face, $\frac{1}{4}$ " width, maximum depth of cut $\frac{3}{16}$ "	2
D-69	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $1\frac{1}{4}$ " diameter, straight face, 1" width, maximum depth of cut $1\frac{11}{32}$ "	2
D-70	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $1\frac{1}{8}$ " diameter, V-Fluting, $1\frac{11}{64}$ " width, maximum depth of cut $\frac{9}{32}$ "	2
D-71	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $1\frac{7}{32}$ " diameter, V-Fluting, $\frac{9}{32}$ " width, maximum depth of cut $2\frac{11}{64}$ "	2
D-80	Shaper Cutter, 3-lip, $\frac{5}{16}$ " hole, $1\frac{1}{4}$ " diameter, combination quarter round, $\frac{7}{16}$ " width, $\frac{1}{8}$ " and $\frac{3}{16}$ " radius, maximum depth of cut $1\frac{11}{32}$ "	2
474	$\frac{1}{4}$ " Router Bit, $\frac{1}{2}$ " Shank R. H.	$\frac{1}{4}$
475	$\frac{5}{16}$ " Router Bit, $\frac{1}{2}$ " Shank R. H.	$\frac{1}{4}$
476	$\frac{3}{8}$ " Router Bit, $\frac{1}{2}$ " Shank R. H.	$\frac{1}{4}$
477	$\frac{7}{16}$ " Router Bit, $\frac{1}{2}$ " Shank R.H.	$\frac{1}{4}$
478	$\frac{1}{2}$ " Router Bit, $\frac{1}{2}$ " Shank R. H.	$\frac{1}{4}$
480	Set of 5 Router Bits, $\frac{1}{2}$ " Shank R. H.	$1\frac{1}{4}$
514	$\frac{1}{4}$ " Bit for Mortising Chisel, $\frac{3}{16}$ " Shank.	$\frac{3}{8}$
516	$\frac{3}{8}$ " Bit for Mortising Chisel, $1\frac{9}{64}$ " Shank.	$\frac{1}{2}$
518	$\frac{1}{2}$ " Bit for Mortising Chisel, $1\frac{9}{64}$ " Shank.	$\frac{1}{2}$
524	$\frac{3}{16}$ " Bushing for $\frac{1}{4}$ " Mortising Chisel. Included with #976 Mortising Attachment.	$\frac{1}{2}$
526	$1\frac{1}{64}$ " Bushing for $\frac{3}{8}$ " and $\frac{1}{2}$ " Mortising Chisel. Included with #976 Mortising Attachment.	$\frac{1}{4}$
634	$\frac{1}{4}$ " Mortising Chisel (Homecraft Type).	$\frac{1}{2}$
636	$\frac{3}{8}$ " Mortising Chisel (Homecraft Type).	$\frac{1}{2}$
638	$\frac{1}{2}$ " Mortising Chisel (Homecraft Type).	$\frac{1}{2}$
804	$\frac{1}{4}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
805	$\frac{5}{16}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
806	$\frac{3}{8}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
807	$\frac{7}{16}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
808	$\frac{1}{2}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
809	$\frac{9}{16}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
810	$\frac{5}{8}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
812	$\frac{3}{4}$ " Machine Spur Bit with $\frac{1}{2}$ " Shank. Production Type.	$\frac{5}{8}$
814	$\frac{3}{8}$ " Plug Cutter, $\frac{1}{2}$ " Shank.	$\frac{3}{8}$
815	$\frac{1}{2}$ " Plug Cutter, $\frac{1}{2}$ " Shank.	$\frac{3}{8}$
816	$\frac{5}{8}$ " Plug Cutter, $\frac{1}{2}$ " Shank.	$\frac{3}{8}$
817	$\frac{3}{4}$ " Plug Cutter, $\frac{1}{2}$ " Shank.	$\frac{3}{8}$
818	Set of 8 Machine Spur Bits with $\frac{1}{2}$ " Shank. Production Type. Catalog #804 to #812 inclusive.	3
819	1" Plug Cutter, $\frac{1}{2}$ " Shank.	$\frac{1}{2}$
822	Set of 5 Plug Cutters, $\frac{1}{2}$ " Shank.	$2\frac{1}{2}$
974	Spindle with $\frac{1}{2}$ " hole for wood working. For 14" and 11" Drill Presses and 32" Radial Drill Press.	$2\frac{1}{2}$
976	Mortising Attachment for 14" and 11" Drill and 32" Radial Drill Press. Complete with bushings.	8
977	Spindle with Threaded End for $\frac{5}{16}$ " Shaper Cutter. For 14" and 11" and 32" Radial Drill Press.	2
978	$\frac{1}{2}$ " Adapter to fit #974 Spindle for $\frac{5}{16}$ " hole Shaper Cutters for 14" and 11" Drill Presses.	$\frac{1}{2}$
979	Shaper Collars, set of 6, complete for use with $\frac{5}{16}$ " hole Shaper Cutters.	$\frac{1}{2}$
980	Set of 24 Shaper Cutters with #978 Adapter and #979 Depth Collars in wood case.	2
982	Shaper Fence to fit 14" and 11" Drill Presses.	12
983	Set of Spring Hold Downs for 14" and 11" Drill Presses when used for Shaping.	2
991	Spindle for Cup Wheel for 14" and 11" Drill Presses and 32" Radial Drill Press.	2
992	$3\frac{1}{2}$ " x $1\frac{1}{2}$ " Cup Wheel, $\frac{1}{2}$ " hole for use on #991 Spindle on 14" and 11" Drill Presses and 32" Radial Drill Press.	2
993	Spindle with $\frac{1}{4}$ " Geared Chuck for 14" and 11" Drill Presses and 32" Radial Drill Press.	2
11-115	Drill Press Head only for 11" Drill Press.	45
11-806	Plywood Shaper Table for use on 14" and 11" Drill Presses and 32" Radial Drill Press.	10
11-811	Machine Auger Bit, $\frac{1}{4}$ " diameter, 5" long, $\frac{1}{4}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-812	Machine Auger Bit, $\frac{3}{16}$ " diameter, 5" long, $\frac{1}{4}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-813	Machine Auger Bit, $\frac{3}{8}$ " diameter, 5" long, $\frac{1}{4}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-814	Machine Auger Bit, $\frac{7}{16}$ " diameter, 5" long, $\frac{1}{4}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-815	Machine Auger Bit, $\frac{1}{2}$ " diameter, 5" long, $\frac{1}{4}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-817	Machine Auger Bit, $\frac{3}{4}$ " diameter, 6" long, $\frac{1}{2}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-818	Machine Auger Bit, $\frac{3}{4}$ " diameter, 5" long, $\frac{1}{2}$ " Shank. Homecraft Type.	$\frac{5}{8}$
11-821	Set of 7 Machine Auger Bits. Homecraft Type. Catalog #11-811 to #11-818 inclusive.	3

(Abrasive Drums)

679*	$1\frac{1}{2}$ " Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " shaft.	$\frac{3}{8}$
680*	$2\frac{3}{16}$ " Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " shaft.	$\frac{1}{2}$
681*	3" Diameter x 1" Sanding Drum with one sleeve, $\frac{5}{16}$ " shaft.	$\frac{3}{4}$
830**	3" Diameter x 3" Sanding Drum with one sleeve, $\frac{1}{2}$ " hole (Fits $\frac{1}{2}$ " Shaft).	2
835**	$1\frac{3}{4}$ " Diameter x 2" Sanding Drum with one sleeve, $\frac{1}{2}$ " hole.	$\frac{1}{2}$
840**	$1\frac{1}{16}$ " Diameter x $2\frac{1}{2}$ " Sanding Drum with one sleeve, $\frac{1}{2}$ " shaft.	$\frac{1}{2}$

Cat. No.	Description	Ship. Wt. Lbs.
(Abrasive Sleeves)		
682	1½" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
683	1½" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
684	2¾" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
685	2¾" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
686	3" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
687	3" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
831	3" x 3" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	½
832	3" x 3" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	¼
833	3" x 3" Sleeves, coarse aluminous oxide for metal, 50 grit. (Pkg. of 6).	¼
836	1¾" x 2" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	¼
837	1¾" x 2" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	¼
838	1¾" x 2" Sleeves, coarse aluminous oxide, 50 grit. (Pkg. of 6).	¼
841	1½" x 2½" Sleeves, medium garnet, 50 grit for #711 and #840. (Pkg. of 6).	¼
842	1½" x 2½" Sleeves, fine garnet, 80 grit for #711 and #840. (Pkg. of 6).	¼
847	1½" x 2½" Sleeves, coarse aluminous oxide, 50 grit for #711 and #840. (Pkg. of 6).	¼
*(New Carbide-Coated Sanders)		
49-556	¼" round carbide coated sander.	⅛
49-557	¼" round carbide coated sander.	⅛
49-558	⅜" round carbide coated sander.	¼
49-559	⅜" round carbide coated sander.	¼
49-560	½" round carbide coated sander.	¼
49-561	½" round carbide coated sander.	¼
49-562	⅝" round carbide coated sander.	¼
49-563	⅝" round carbide coated sander.	¼
49-564	1" round carbide coated sander.	½
49-565	1" round carbide coated sander.	½
* Use with standard geared chuck spindle on Drill Press.		
** Use with #974 spindle on Drill Press. #830 and #835 require auxiliary shaft mounting.		
Order #11-834 Auxiliary Shaft. Wt. ¼ lb.		

WOOD DUST COLLECTOR

49-576	Dust Collector complete: 1 HP, 750 watts, 115 V, 60 cycle, AC-DC, universal motor, switch and cord set, 2.83 BU. capacity drum, 6-foot hose, and two filter bags.	30
Accessories		
49-541	Hose Clamps.	½
49-580	Crevice Tool for Dust Collector.	⅛
49-581	3" Fan Tail for Dust Collector.	⅛
49-582	8½" Fan Tail for Dust Collector.	¼
49-583	Extension Tubes for Dust Collector. (Set of 2).	2
49-584	Spray Attachment for Dust Collector.	4
49-586	Filter Bags for Dust Collector. (Pkg. of 5).	⅛
49-587	Adapter for 9" and 10" Circular Saws and Deltashop.	2
49-588	Adapter for 4" Jointer.	3
49-589	Adapter for 6" Belt Sander and Belt and Disk Finishing Machine.	3
49-590	Adapter for 12" Disk Sander.	5
49-591	12" Tube for use with Band and Scroll Saws.	1
49-592	Round Brush for irregular surfaces.	¼
49-593	Adapter for 20-A Radial Saw.	1
49-594	Adapter for "900" Radial Saw.	¾
49-596	Hose for Dust Collector, 1½" x 72".	1¾
49-597	Castors for Dust Collector.	3

METAL DUST COLLECTOR

49-520	Dust Collector with ½ HP, single phase, AC, 3450 RPM, 115/230 V, 60 cycle motor.	113
49-521	Dust Collector with ½ HP, 3 phase, AC, 2850/3450 RPM, 208-220/440 V, 50/60 cycle motor.	103
Accessories		
20-837	Cut-Off Machine Attachment Package for Dust Collector.	14
23-802	Standard 7" Grinder Attachment Package for Dust Collector.	7
24-819	Toolmaker Grinder Attachment Package for Dust Collector.	20
31-680	Adapter for Disk Unit of Belt and Disk Finishing Machine.	1
31-681	*Disk Finishing Machine Attachment Package for Dust Collector.	7
31-803	12" Abrasive Disk Finishing Machine Attachment Package for Metal Dust Collector.	11
31-856	Abrasive Belt Finishing Machine Attachment Package for Dust Collector.	7
31-869	2½" Belt Grinding Machine Attachment Package for Metal Dust Collector.	5
49-529	Standard filter.	7
49-531	Filter Pad Holder with two 1" x 16" x 20" Expanded Fiber Filter Pads.	12
49-532	Carton of 24 Expanded Fiber Filter Pads sold in full carton only.	13
49-533	Flexible Rubber Hose for Dust Collector, 2½" ID, 20" long.	2
49-534	Flexible Rubber Hose for Dust Collector, 3" ID, 22" long.	2
49-535	Flexible Rubber Hose for Dust Collector, 3" ID, 48" long.	4
*Can be used with Belt and Disk Finishing Machine Unit.		

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
49-538	Cast Iron Flange with four screws for 2 $\frac{1}{4}$ " hose.	2 $\frac{1}{2}$
49-539	Cast Iron Flange with four screws for 3" hose.	2 $\frac{3}{4}$
49-541	Hose Clamps.	$\frac{1}{2}$

CONTROLS AND WIRING KITS FOR DELTA MOTORS

132~	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC Motors up to 1 $\frac{1}{2}$ HP, AC-DC, 125-250 V. Can be padlocked.	1 $\frac{1}{2}$
1115	Manual Control Toggle Switch. 2-Pole type, two-hole flush mounting, with hole in toggle, rated 1 $\frac{1}{2}$ HP, 125-250 V, single phase AC-DC. For replacement use on #62-110, #62-680, #82-910, #83-112, #83-510 and #83-560 motors.	$\frac{1}{2}$
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
1325	Manual Control Reversing Drum Switch. Rated 2 HP, 208-550 V, 3 phase, AC. For control of Heavy Duty Wood Shaper Motors.	4
1327	Mounting parts for mounting #1320 manual starter and #1325 Reversing Switch on #1340 Heavy Duty Wood Shaper. Includes mounting plate, screws and instructions.	2
1328	Manual Starter, 3 phase, size 1, NEMA type 1 enclosure, rated 5 HP, 208-220 V; 7 $\frac{1}{2}$ HP, 440 to 550 V, AC.	5
1459	Mounting parts for mounting #1320 manual starter on 10" Tilting Arbor Unisaw. Includes mounting plate, screws and instructions.	2
15-811	Wiring Kit for single phase operation. Includes push button switch, 4-wire cable and wiring diagram for use with #62-110 or #62-680 Motor. Also used with DC Motor.	1 $\frac{1}{4}$
15-812	Wiring Kit for 3 phase operation. Includes Push Button Magnetic Control Switch, 3-wire cable and wiring diagram for use with #66-120 or #66-340 motor and Magnetic Starters #49-396 or #49-397.	1
15-813	Wiring Kit for 3 phase operation. Includes Push Button Manual Control Switch, two 3-wire cables and wiring diagram for use with #66-120 or #66-340 motors and #49-365 Overload Switch	1 $\frac{1}{4}$
20-611	Push Button Switch for single phase operation, 4-wire flexible conduit assembly, wiring diagram and everything needed for use with #83-112 or #83-510 Motor, for DC use also.	2
20-612	Push Button Magnetic Control Switch for 3 phase operation, 3-wire flexible conduit assembly, wiring diagram, everything needed for use with motor #86-920, #86-922 or #87-120 and Magnetic Starters #49-396 or #49-397.	2
20-613	Push Button Manual Control Switch for 3 phase operation, 6-wire flexible conduit assembly, wiring diagram, everything needed for use with motor #86-920, #86-922 or #87-120 and #49-365 Overload Switch.	2
20-614	Mounting Bracket. Includes screws for mounting motor controls to motor mounting plate of 20" Drill Press. Used with #1320, #49-365, #49-394, #49-393, #49-396 and #49-397.	3
34-881	Manual Control Push Button Switch Kit, 2-pole type switch for use with single phase and DC Motors up to 1 HP, AC-DC, 125 V, 1 $\frac{1}{2}$ HP, AC-DC, 250 V. Everything needed for use with #83-311 and #83-411 10" Tilting Arbor Bench Saw Motors.	3
34-882	Manual Control Push Button Switch Kit, switch is 3-pole type for use with 3 phase motors up to 2 HP, 208-550 V. Kit includes switch, 2-wire cable, wiring diagram and everything needed to connect #86-921 or #87-121 motor to switch on 10" Tilting Arbor Bench Saw.	3
34-883	Magnetic Control Push Button Switch Kit. Includes wiring diagram and instructions for connecting #86-921 motor, the magnetic control switch and #49-396 or #49-397 Magnetic Starter on 10" Tilting Arbor Bench Saw.	3
46-470	Slow Start Switch Kit for manual or magnetic control. For use with single phase, 3 phase and DC motors up to 1 HP, AC-DC, 125-250 V. Kit includes limit switch with operating mechanism, cable, switch cover with lock assembly and wiring diagrams recommended for use with 12" Deluxe Variable Speed Wood Lathe motors and controls.	7
46-471	Push Button Manual Control Switch and wiring kit for use with #62-680, #82-710 or #82-910 Motor. (Also can be used on DC Motors).	1
46-472	Push Button Magnetic Control Switch and wiring kit for use with #66-340, #86-520 or #86-720 motor and #49-396, 208-220 V Magnetic Starter or #49-397, 440 V Magnetic Starter.	1
46-473	Push Button Manual Control Switch and wiring kit for use with #66-340, #86-720 motor and #49-365 Overload Switch. (Also can be used on DC motors).	1
49-309	14-Wire Motor Cord with ground wire and 2-prong plug for single phase small frame motors. ...	$\frac{1}{2}$
49-310	16-Wire Motor Cord with ground wire and 2-prong plug for single phase small frame motors. ...	$\frac{1}{2}$
49-311	#49-308 Toggle Switch with 8" rubber covered cord and #49-307 plug in one package.	1
49-312	3-Wire cord with Toggle Switch clamp and plug.	2
49-313	Switch and cord, manual toggle, 2-pole, single phase and DC, up to 1 $\frac{1}{2}$ HP, 125-250 V.	$\frac{3}{4}$
49-315	3-Wire Armored Cable connection from "motor to switch" of 3 phase motors. Complete with necessary clamp fittings. (Also can be used for single phase and DC power and ground connections).	1
49-316	Reversing Switch only for use on capacitor Motor or any Standard split phase motor, with 4-wire cord, connected.	2
49-317	Mounting Bracket for mounting overload switch, manual or magnetic starters on right-hand side only of 17" Drill Press, Single and Multiple Spindle Power Feed. Used with #1320, #49-393, #49-395, #49-396 and #49-397 starters and #49-365 Overload Switch.	2
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on 14" Utility, 15" and 17" Single and Multiple Spindle Drill Presses (not Power Feed Models). Also 14" super-hi Single Spindle Drill Press and steel stands. Used with #1320, #49-393, #49-394, #49-395 #49-396 and #49-397 starters and #49-365 Overload Switch.	3
49-325	Magnetic Starter, single phase, size 1 P, NEMA Type 1 enclosure, rated 3 HP, 115 V; 5 HP, 230 V; 60 cycle, AC. Supplied with start and stop and reset buttons.	5

Cat. No.	Description	Ship. Wt. Lbs.
(Controls and Wiring Kits for Delta Motors Continued)		
49-330	Toggle Switch, 2-Pole, for motors up to 1 HP, AC or DC 125/250 V, single hole mounting, bat type lever.	2
49-331	Manual Control Toggle Switch. Single-pole type, single-hole mounting with hole in toggle, rated ¼ HP, 115/230 V, single phase AC. For replacement use on #62-253, #62-653 and #62-413 motors and #49-311 Switch Kit.	2
49-357	Wiring Kit. Consists of 10-foot, #14-3 conductor cord with a 3-prong, 115 V grounding plug. For use with #62-810 motor on 12" Standard Variable Speed Wood Lathe.	2½
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; .5 HP, 208-550 V; to assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-369	Manual Control Toggle Switch Kit, single pole type switch for use with single phase and DC Motors up to 1½ HP, 125-250 V, AC-DC. Kit includes on and off switch, 2-wire cable, box and everything needed for use with the #62-810 Motor on the 12" Standard Variable Speed Wood Lathe.	1
49-376	Cover Plate. For use with Magnetic Starters #49-393 and #49-394 on the 13" x 5" Planer.	2
49-377	Manual Control Toggle Switch Kit, 3-pole switch kit for use with 3 phase motors up to 1 HP, 208-550 V. Kit includes switch, box, cover and box connectors for use with #66-820 motor on the 12" Standard Variable Speed Wood Lathe.	1½
49-378	Manual Control Push Button Switch Kit. Switch is 3-pole type for use with 3 phase motors up to 2 HP, 208 to 550 V. Kit includes two 3-wire cables, wiring diagram and everything needed for use with #66-120 and #66-340 14" and 15" Drill Press Motors and #49-365 Overload Switch.	1½
49-381	Magnetic Starter, 3 phase, size 1, NEMA Type 1 enclosure, rated 7½ HP, 208-220 V, 60 cycle, AC. Supplied with start and stop and reset buttons.	7
49-385	Remote Control Switch Kit for Single Phase Motors.	2
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
49-398	Magnetic Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 5 HP, 550 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
49-399	Relay, 2-pole, NEMA type 1 enclosure, rated 1 HP, 110-550 V, for use on 208-220 V, 60 cycle power systems. For use on 12" Deluxe Variable Speed Wood Lathes only.	6

6" TOOL GRINDER

23-505	6" Tool Grinder, Bench Model, ½ HP, single phase, 115/230 V, 60 cycle, 3450 RPM with 6-pole reversing switch, 1 lamp attachment, 1 water pot, and 1 miter gage.	125
23-510	6" Tool Grinder, Bench Model, ½ HP, 3 phase, 208-220/440 V, 50/60 cycle, 2850/3450 RPM with 6-pole reversing switch, 1 lamp attachment, 1 water pot, and 1 miter gage.	122
23-555	6" Tool Grinder, Pedestal Model, ½ HP, single phase, 115/230 V, 60 cycle, 3450 RPM with 6-pole reversing switch, 1 lamp attachment, 1 water pot, and 1 miter gage.	211
23-560	6" Tool Grinder, Pedestal Model, ½ HP, 3 phase, 208-220/440 V, 50/60 cycle, 2850/3450 RPM with 6-pole reversing switch, 1 lamp attachment, 1 water pot, and 1 miter gage.	211

Accessories

1661	Silicon Carbide Steel-Backed Wheel, 60 grit, 6" diameter, 1" face, 1¼" bore.	10
1662	Silicon Carbide Steel-Backed Wheel, 120 grit, 6" diameter, 1" face, 1¼" bore.	10
1663	Water Pot with faucet.	5
1664	Diamond Wheel Dresser Holder.	1
3121	Diamond Point Grinding Wheel Dresser.	1
23-805	Pedestal for 7" Standard and 6" Tool Grinders.	71
23-841	Aluminum Oxide Grinding Wheel, 1" x 6", 1" face, 46 grit, Grade G, 1¼" hole.	10
23-842	Aluminum Oxide Grinding Wheel, 1" x 6", 1" face, 80 grit, Grade J, 1¼" hole.	10
25-857	Lamp Attachment with 15" flexible gooseneck. Includes nylon shield, mounting bracket, switch and 8-foot cord with 2-prong plug.	2
31-804	Miter Gage.	4

6" BENCH GRINDER

23-625	6" Ball Bearing Grinder with wheel and spark guards, tool rests, on-and-off switch with 115V 8-foot grounding type plug and adapter, and two wheels - 36 and 60 grit. Less eyeshields and Lamp attachment.	40
Accessories		
3113	Wire Wheel, coarse, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
3114	Wire Wheel, fine, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
3115	Tampico Fiber Wheel, coarse, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
4003	Buffing Kit of Compounds and Wheels, #4004 and #4005 combined.	2
4004	Box of Four Buffing Compounds made up of: #4007 Rouge (Red), #4008 Rouge (White), #4009 Emery (Black), #1410 Tripoli (Brown).	1
4005	Buffing Wheel, 6" diameter, ½" wide, ½" hole.	1

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
4007	Red Polishing Bar for gold, silver, sterling and other precious metals.	1
4008	White Polishing Bar for nickel, chromium, iron and stainless steel.	1
4009	Black Polishing Bar for sharp cutting action removing rust, etc.	1
4010	Brown Polishing Bar for aluminum, brass, copper and plastic.	1
23-800	Eyeshields for #23-600 and #23-625 Grinders with brackets and screws.	3
23-826	Grinding Wheel, ¾" x 6", 36 grit, ½" hole.	3
23-827	Grinding Wheel, ¾" x 6", 60 grit, ½" hole.	3
49-549	Drill Chuck, 3-jaw, 0 to ¼" capacity, tapped ½"-20 to fit right shaft.	2

HOMECRAFT 6" BENCH GRINDER

23-600	6" Homecraft Bench Grinder, ¼ HP, 115 V, single phase, 60 cycle, 3450 RPM. Complete with 2-6" Grinding Wheels, ¾" wide, ½" bore (60 grit and 30 grit). Wheel Guards, Adjustable Tool Rests. On-Off Toggle Switch, rubber covered cord and Attachment Plug.	30
Accessories		
23-620	Grinding Wheel, 6" diameter x ¾" wide, ½" bore, 36 grit coarse aluminum oxide.	3
23-621	Grinding Wheel, 6" diameter x ¾" wide, ½" bore, 60 grit fine aluminum oxide.	3
23-800	Eyeshields for #23-600 and #23-625 Grinders with brackets and screws.	3

HOMECRAFT BASIC HEAD UNIT

23-603	Basic Homecraft Buffing and Grinding Head Unit with #284 V-belt.	10
Accessories		
5300	3" Diameter Pulley, ½", ⅝" or ¾" bore.	¾
23-606	Left Hand Grinding Unit. Consists of guard, tool rest and mounting parts; flanges and nut for clamping wheels to left hand arbor.	5
23-607	Right Hand Grinding Unit. Consists of guard, tool rest and mounting parts; flanges and nut for clamping wheels to right hand arbor.	4
49-311	#49-308 Toggle Switch with 8" rubber covered cord and #49-307 plug in one package.	1
60-013	Motor, ½ HP, 1725 RPM, 115 V, 60 cycle.	21

ACCESSORIES FOR THE HOMECRAFT 6" BENCH GRINDER AND BASIC HEAD UNIT

3101	Grinding Wheel, coarse, 46 grit, aluminum oxide, 6" diameter, ½" wide, ½" Arbor Hole.	2
3102	Grinding Wheel, fine, 60 grit, aluminum oxide, 6" diameter, ½" wide, ½" Arbor Hole.	2
3113	Wire Wheel, coarse, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
3114	Wire Wheel, fine, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
3115	Tampico Fiber Wheel, coarse, 6" diameter, ½" wide, ½" Arbor Hole. (Set of 2).	1
4003	Buffing Kit of Compounds and Wheels, #4004 and #4005 combined.	2
4004	Box of Four Buffing Compounds made up of: #4007 Rouge (Red), #4008 Rouge (White), #4009 Emery (Black), #4010 Tripoli (Brown).	1
4005	Buffing Wheel, 6" diameter, ½" wide, ½" hole.	1
4007	Red Polishing Bar for gold, silver, sterling and other precious metals.	1
4008	White Polishing Bar for nickel, chromium, iron and stainless steel.	1
4009	Black Polishing Bar for sharp cutting action removing rust, etc.	1
4010	Brown Polishing Bar for aluminum, brass, copper and plastic.	1

7" STANDARD GRINDER AND BUFFING MACHINE

23-200	7" Grinder, Bench Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 1725 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	82
23-201	7" Grinder, Bench Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 3450 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	82
23-202	7" Grinder, Bench Model, single phase capacitor start, ½ HP, 115/230 V, 50 cycle, 2850 RPM with Toggle Switch 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	90
23-203	7" Grinder, Bench Model, 3 phase, ½ HP, 208-220/440 V, 50/60 cycle, 2850/3450 RPM with 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels. Separate Toggle Switch for 115 V, furnished for Twin Lites.	82
23-204	7" Grinder, Bench Model, 3 phase, ½ HP, 208-220/44 V., 50/60 cycle, 1425/1725 RPM.	90
23-205	7" Grinder, Bench Model, 3 phase, ½ HP, 550 V., 50/60 cycle, 2850/3450 RPM.	91
23-210	Bench Model Motor Drive Buffing Head, capacitor start, ½ HP, 115/230 V, 60 cycle, single phase, 3450 RPM with Toggle Switch.	45
23-211	Bench Model Motor Drive Buffing Head, capacitor start, 115/230 V, 60 cycle, single phase, 3450 RPM with Toggle Switch.	45
23-220	7" Grinder, Pedestal Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 1725 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	149
23-221	7" Grinder, Pedestal Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 3450 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	149
23-222	7" Grinder, Pedestal Model, single phase, capacitor start, ½ HP, 115/230 V, 50 cycle, 2850 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels.	161
23-226	7" Grinder, Pedestal Model, 3 phase, ½ HP, 208-220/440 V, 50/60 cycle, 2850/3450 RPM with Relay Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels. Wired for 220 V.	146
23-227	7" Grinder, Pedestal Model, 3 phase, ½ HP, 208-220/440 V, 50/60 cycle, 2850/3450 RPM with Relay Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels. Wired for 440 V.	146

Cat. No.	Description	Ship. Wt. Lbs.
(7" Standard Grinder and Buffing Machine Continued)		
23-230	Pedestal Model Motor Drive Buffing Head, capacitor start, ½ HP, 115/230 V, 60 cycle, single phase, 3450 RPM with Toggle Switch.	112
23-231	Pedestal Model Motor Drive Buffing Head, capacitor start, ½ HP, 115/230 V, 60 cycle, single phase, 1725 RPM with Toggle Switch.	112
All Inclusive Catalog Numbers		
23-240	7" Grinder, Bench Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 1725 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels. Also includes #1294 Plane Blade Grinding Attachment.	101
23-244	7" Grinder, Pedestal Model, single phase, capacitor start, ½ HP, 115/230 V, 60 cycle, 1725 RPM with Toggle Switch, 2 lamp shields, 4 lamp bulbs, 2 wheel guards and 2 wheels. Also includes #1294 Plane Blade Grinding Attachment.	167
Accessories		
1236	Fine-knotted Wire Brush, 6" diameter, 5/8" hole.	1
1237	Medium-knotted Wire Brush, 6" diameter, 5/8" hole.	1
1238	Coarse-knotted Wire Brush, 6" diameter, 5/8" hole.	1
1250	Twin-Lite Shield without bulbs. Fits only 7" Standard Grinders.	5
1267	5/8" x 7" Aluminum Oxide Wheel, 46 grit, 5/8" hole.	3
1280	One lamp bulb for Light Shield. Two required (Bayonet Type).	½
1292	Dust Collector with filter for Pedestal Model 7" Standard Grinder.	32
1293	Replacement Filter for #1292.	3
1294	Plane Blade Grinding Attachment for 7" Standard Grinder.	6
1296	Drill Grinding Attachment with #1664 Holder for Wheel Dresser.	12
1664	Diamond Wheel Dresser Holder.	1
3121	Diamond Point Grinding Wheel Dresser.	1
23-805	Pedestal for 7" Standard Grinder.	71
23-815	1" x 7" Aluminum Oxide Grinding Wheel, 60 grit, Grade N, 5/8" hole.	4
23-816	1" x 7" Aluminum Oxide Grinding Wheel, 46 grit, Grade M, 5/8" hole.	4

TOOLMAKER SURFACE GRINDER

24-101	Toolmaker Grinder for single phase operation. Includes 2-step Spindle Pulley, 2¼" diameter, 2-step Motor Pulley, 5 ¹⁵ / ₃₂ " diameter, ½" bore, #49-115 V-belt guard for belt; guard for straight wheel motor cover; #24-816 wheel adapter holder for diamond-pointed wheel dresser; three hand wheels; wrenches (spanner, box and hexagon); #50-399 pair of legs and #62-610, 115/230 V, 60 cycle, AC, balanced motor (includes switch and cord with plug).	776
24-103	Toolmaker Grinder for 3 phase operation. Same as #24-101 except includes #66-320, 208-220/440 V, 50/60 cycle, AC, balanced motor instead of #62-610 balanced motor. Without motor starter.	764
24-105	Toolmaker Grinder for DC and other currents. Same as #24-101 except without motor. Use this catalog number only when other than standard single or 3 phase motor is required. IMPORTANT: Be sure to order motor separately and specify "Motor to be balanced to and shipped with #24-105 Grinder". Grinder not supplied without motor.	740
Motors and Controls for Single Phase Operation		
24-830	Toolmaker Grinder Balanced Motor Unit for single phase operation. #62-610 Single phase motor, with #23-817 Pulley and #49-115 V-belt.	31
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
24-831	Toolmaker Grinder Balanced Motor Unit for 3 phase operation. Three phase #66-320 motor with #24-817 Pulley and #49-115 V-belt.	31
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
Accessories		
24-805	Diamond Wheel Dresser, 7/16" x 2".	½
24-807	Aluminum Oxide Wheel for soft material, 7" diameter, ½" face, 1¼" bore.	2
24-808	Aluminum Oxide Wheel for hard material, 7" diameter, ½" face, 1¼" bore.	2
24-812	Spindle Oil, ½ Pint Can; Velocite-E.	1
24-816	Extra Wheel Adapter for 1¼" bore wheels. Includes collar for straight wheels up to ½" wide, 4" x 1½" cup wheels, and 6" x ½" x 3/16" dish wheels. Extra collar for 3½" x 1½" cup wheels.	2
24-819	Toolmaker Grinder Attachment Package for Dust Collector.	20
24-902	Univise (universally adjustable vise for grinding, milling and drilling.)	16
24-906	Coolant Attachment for Toolmaker Grinder drop feed.	3
24-952	Toolmaker Tool and Cutter Grinding Attachment with swivel table with head and tail stocks, tooth stop unit, 2 wheel guards and support bracket.	72
24-955	Unihead for Toolmaker Grinder or other machines with sleeves for #9 Brown and Sharpe Taper, with one 12 Tooth Collar. (Universally adjustable workhead).	23
24-957	36 Tooth Indexing Collar for 2, 3, 4, 6, 9, 12, 18, 36 spaces for Unihead.	¾
24-958	36 Tooth Indexing Collar for 17 and 34 spaces for Unihead.	¾
24-959	33 Tooth Indexing Collar for 3, 11, 33 spaces for Unihead.	¾
24-960	32 Tooth Indexing Collar for 2, 4, 8, 16, 32 spaces for Unihead.	¾

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
24-961	30 Tooth Indexing Collar for 3, 5, 6, 10, 15, 30 spaces for Unihead.	¾
24-962	28 Tooth Indexing Collar for 4, 7, 14, 28 spaces for Unihead.	¾
24-963	26 Tooth Indexing Collar for 13, 26 spaces for Unihead.	¾
24-964	24 Tooth Indexing Collar for 2, 3, 4, 6, 8, 12, 24 spaces for Unihead.	¾
24-965	Blank Indexing Collar for Unihead.	¾
24-967	Adapter for Unihead with #9 Brown and Sharpe Outside Taper with 1" 8 R.H. threaded end to receive 6" Face Plate.	1¼
24-968	Adapter for Unihead with #9 Brown and Sharpe Outside Taper with #33 Jacobs Taper End to receive drill chucks.	1¼
24-970	Tooth Stop Unit consisting of 1 bracket, 2 bars, 1 clamp and tooth stop with 2 fingers.	5
24-973	Standard Dish Wheel, Type 12, 6" diameter x ½" x ⅝", aluminum oxide with 1¼" hole for Toolmaker Grinder.	5
24-974	Standard Cup Wheel, Type 11, 4" diameter x 1½", aluminum oxide with 1¼" hole for Toolmaker Grinder.	5
25-857	Lamp Attachment with 15" flexible gooseneck. Includes nylon shield, mounting bracket, switch and 8-foot cord with 2-prong plug. Uses standard bulb (not included) up to 100 watts.	2

MECRAFT 4" JOINTER

37-110	4" Jointer. Complete with Swing Guard, Fence, Arbor Pulley, #37-806 Jointer Head with High Speed Steel Knives.	48
All-Inclusive Catalog Number		
37-121	4" Jointer Complete. #37-110 with #50-304 Stand, #62-413 ⅓ HP Motor, #5650 Motor Pulley, #49-172 V-Belt and #1333 Switch Rod.	109

4" PRECISION JOINTER

37-290	4" Jointer with #37-806 head including three high-speed steel knives (#37-802), two-way tilting fence with "dual control", arbor pulley and front safety knife guard. Without motor, switch, motor pulley and V-belt.	66
All Inclusive Catalog Numbers		
37-251	4" Jointer complete for single phase operation. Includes #37-290 jointer, #62-413 ⅓ HP motor, #1333 switch rod, #560 V-belt, #5650 motor pulley and #50-304 steel stand.	119
37-253	4" Jointer complete for 3 phase operation. Includes #37-290 jointer, #66-120 ⅓ HP motor, #1320 starter, (specify voltage), #49-318 mounting bracket, #560 V-belt, #5650 motor pulley and #50-304 steel stand.	127
Motors and Controls for Single Phase Operation		
49-311	#49-308 Toggle Switch with 8" rubber covered cord and #49-307 plug in one package. For #60-013 motor.	1
60-013	Motor, ⅓ HP, 1725 RPM, 115 V, 60 cycle.	21
62-413	Motor, ⅓ HP, 1725 RPM, 115 V, 60 cycle. With cord and plug.	30
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting 1320 Starter.	3
66-120	Motor, ⅓ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	24
Accessories		
560	V-belt, 58⅝" OC.	1
1333	Switch Rod to fit #37-207, #37-209, #37-110 Joiners.	1½
5650	6½" Diameter Pulley, ½", ⅝" or ¾" bore.	1½
37-802	Extra set of 3 high speed steel knives for 4" Jointer.	¾
37-806	Cutterhead, includes knives, ball bearings and bearing housing.	8
49-363	Retractable Caster Set to fit #50-304 steel stand.	12
50-304	Steel Stand with dust chute for 4" Jointer and 4" Deluxe Jointer.	25
50-801	Dust Chute	2

6" DELUXE LONG-BED JOINTER

37-220	6" Jointer with #659 set of 3 high-speed cutterhead steel knives, two-way tilting fence with "dual control", #5275 pulley and front safety knife guard. Without stand, motor, switch, motor pulley or V-belt.	151
37-221	Same as #37-220 except with #50-656 steel stand, #661 belt guard, #560 V-belt and #5700 motor pulley (specify ½", ⅝" or ¾" bore). Without motor or switch rod.	196
37-222	Same as #37-221 except with #667 cast iron stand. Without motor or switch.	275
All Inclusive Catalog Numbers		
37-231	6" Jointer complete for single phase operation. Includes #37-221 jointer with steel stand, #62-680 motor and #1333 switch rod.	233
37-233	6" Jointer complete for 3 phase operation. Includes #37-221 jointer with steel stand, #66-340 motor, #1320 starter (specify voltage), and #49-318 mounting bracket.	233
37-241	6" Jointer complete for single phase operation. Includes #37-222 jointer with cast iron stand, #62-680 motor and #132 switch.	312
37-243	6" Jointer complete for 3 phase operation. Includes #37-222 jointer with cast iron stand, #66-320 motor and #1320 starter (specify voltage).	310

Cat. No.	Description	Ship. Wt. Lbs.
Motors and Controls for Single Phase Operation		
132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to 1½ HP, AC-DC, 125-250 V. Can be padlocked.	1½
1333	Switch Rod for single phase motors on steel stand.	1½
62-110	Motor, ¼ HP, 1725 RPM, 115/230 V, 60 cycle.	29
62-680	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	30
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting 1320 starter.	3
66-120	Motor, ¼ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	24
66-340	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	25
Accessories		
659	Set of 3 knives for 6" Jointer.	¾
661	Belt Guard for 6" Jointer on steel stand.	8
662	Rear Knife Guard for #654 Old Style 6" Jointer.	2
667	Cast Iron Stand for 6" Jointer.	118
1522	Double end, ⅝" Open Wrench for Jointer Knife Screws.	¾
37-310	Knife Grinding Attachment with jointing provision including 115 V, AC-DC motor and jointing stone.	32
37-807	Rear Safety Knife Guard.	1
37-808	Cutterhead assembly, complete with 3 high-speed steel knives, bearings and bearing housings.	10
37-815	Knife Grinding Attachment with jointing stone, less motor.	30
37-820	Auxiliary Fence Support, for extra heavy work.	2
37-826	Guard with thumb hold for handling small work.	11
49-363	Retractable Caster Set to fit #50-656 steel stand.	12
50-656	Steel Stand with Dust Chute.	31
50-800	Dust Chute only.	3

8" LONG-BED JOINTER

37-315	8" Jointer with #37-308 set of 3 high-speed steel knives, two-way tilting fence, 2" OD arbor pulley and safety cutterhead guard. Without stand, motor pulley, V-belt, motor and switch. ..	270
37-316	Same as #37-315 except with #37-302 cast iron stand (including belt guard, chip chute, motor plate and motor cover); #49-147 62½" OC V-belt and #5650 6½" OD motor pulley, ¾" bore. Without motor and switch.	416
37-317	Same as #37-315 except with #50-370 enclosed type steel stand (including belt guard, chip chute and motor mounting plate); #49-135 57½" OC V-belt and #5650 6½" OD motor pulley, ¾" bore. Without motor and switch.	332
All Inclusive Catalog Numbers		
37-331	8" Jointer complete for single phase operation. Includes #37-316 jointer with cast iron stand, #83-560 1 HP motor and #132 switch.	506
37-333	8" Jointer complete for 3 phase operation. Includes #37-316 jointer with cast iron stand, #86-920 1 HP motor and #1320 manual starter. Specify voltage.	478
37-341	8" Jointer complete for single phase operation. Includes #37-317 jointer with enclosed type steel stand, #83-560 1 HP motor and #132 switch.	422
37-343	8" Jointer complete for 3 phase operation. Includes #37-317 jointer with enclosed type steel stand, #86-920 1 HP motor and #1320 manual starter. Specify voltage.	478
Motors and Controls for Single Phase Operation		
132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to 1½ HP, AC-DC, 125-250 V.	1½
82-910	Motor, ¼ HP, 1725 RPM, 115/230 V, 60 cycle.	57
83-560	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	70
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons. Specify motor number.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons. Specify motor number.	6
86-720	Motor, ¼ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	43
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
87-120	Motor, 1½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	52
Accessories		
5650	Motor Pulley, 6½" Diameter, ½", ⅝" or ¾" bore.	1½
37-302	Cast Iron Stand, 14" x 22" with belt guard, chip chute, motor plate, and motor cover.	148
37-305	Set of 4 High-Speed Steel Cutter Knives for #37-200 8" Jointer. (old style)	5
37-308	Set of 3 High-Speed Steel Cutter Knives for #37-315 8" Jointer.	5
37-310	Knife Grinding Attachment with jointing provision including 115 V, AC-DC motor and jointing stone.	19
37-810	Cutterhead Assembly complete with bearings, housings and #37-308 set of 3 high-speed steel knives. Fits all Delta 8" jointers.	19
37-815	Knife Grinding Attachment with jointing stone, less motor.	30
49-135	V-belt, specially constructed, 57½" OC. (Steel Stand).	1
49-147	V-belt, specially constructed, 62½" OC. (Cast Iron Stand).	1
50-370	Steel Stand, enclosed type, 17" x 19" 27" high, with belt guard, chipchute and motor mounting plate.	57

Cat. No.	Description	Ship. Wt. Lbs.
10" METAL LATHE		
25-700	10" Metal Lathe, Bench Model, quick change type, variable speed drive, 1½" - 8 threaded spindle nose, with clutch driven worm drive power longitudinal and cross feeds. (Specify ½, ⅝, ¾ or ⅞" bore for motor pulley). Without bench, motor and switch.	345
All Inclusive Catalog Numbers		
25-701	10" Metal Lathe, complete for single phase operation. Includes #25-700 lathe, #25-811 cabinet, #25-805 motor mounting kit, #62-710 motor and #25-806 switch kit. Not assembled.	561
25-702	10" Metal Lathe, complete for 3 phase operation with manual on-and-off control. Includes #25-700 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #25-806 switch kit and #49-365 overload switch. (Specify whether 208-220 or 440 V). Not assembled.	564
25-704	10" Metal Lathe, complete for 3 phase operation with magnetic on-and-off control for 208-220 V. Includes #25-700 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #49-392 switch kit and #49-396 magnetic starter. Not assembled.	567
25-705	10" Metal Lathe, complete for 3 phase operation with magnetic on-and-off control for 440 V. Includes #25-700 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #49-392 switch kit and #49-397 magnetic starter. Not assembled.	567
Motor and Switch for Single Phase Operation		
25-806	Manual Control Reversing Drum Switch Kit for use with #62-710 or #66-710 motor, and (when overload protection is required) #49-365 overload switch. Kit includes drum switch, junction box with mounting bracket, 38" 4-conductor cable, wiring diagram and everything needed for connecting between switch and motor on 10" Metal Lathe.	3
66-710	Motor, ¼ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	28
Motor and Switches for Three Phase Operation		
25-806	Manual Control Reversing Drum Switch Kit for use with #62-710 or #66-710 motor, and (when overload protection is required) #49-365 overload switch. Kit includes drum switch, junction box with mounting bracket, 38" 4-conductor cable, wiring diagram and everything needed for connecting between switch and motor on 10" Metal Lathe.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-392	Reversing Drum Switch for Magnetic Control.	6
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separated start-stop control station must be used. ..	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
62-710	Motor, ¾ HP, 1725 RPM, 115/230 V, 60 cycle.	43
10" LONG-BED METAL LATHE		
25-710	10" Long-Bed Metal Lathe, Bench Model, 36" between centers, quick change type, variable speed drive, 1½" - 8 threaded spindle nose, with clutch driven worm drive power longitudinal and cross feeds. (Specify ½, ⅝, ¾ or ⅞" bore for motor pulley). Without cabinet, motor and switch.	388
All Inclusive Catalog Numbers		
25-711	10" Long-Bed Metal Lathe, complete for single phase operation. Includes #25-710 lathe, #25-811 cabinet, #25-805 motor mounting kit, #62-710 motor and #25-806 switch kit. Not assembled.	616
25-712	10" Long-Bed Metal Lathe, complete for 3 phase operation with manual on-and-off control. Includes #25-710 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #25-806 switch kit and #49-365 overload switch. (Specify whether 208-220 or 440 V). Not assembled.	619
25-714	10" Long-Bed Metal Lathe, complete for 3 phase operation with magnetic on-and-off control for 208-220 V. Includes #25-710 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #49-392 switch kit and #49-396 magnetic starter. Not assembled.	622
25-715	10" Long-Bed Metal Lathe, complete for 3 phase operation with magnetic on-and-off control for 440 V. Includes #25-710 lathe, #25-811 cabinet, #25-805 motor mounting kit, #66-710 motor, #49-392 switch kit and #49-397 magnetic starter. Not assembled.	622
Note: See Motors and Controls listed under 10" Metal Lathe.		
Accessories for 10" Metal Lathes		
935	Arbor, #2 Morse Taper Shank. Has ½ x 1½" end, with flat.	¾
968	Drill Chuck with #2 Morse Taper Shank, 0-½" capacity.	2½
25-542	60° Lathe Center for Headstock, #2 Morse Taper, soft.	½
25-680	Tool Holder, straight, ⅜" x ⅞". Includes ¼" square HSS bit with set screw and wrench.	¾
25-681	Tool Holder, right hand off-set, ⅜" x ⅞". Includes ¼" square HSS bit with set screw and wrench.	¾
25-682	Tool Holder, left hand off-set, ⅜" x ⅞". Includes ¼" square HSS bit with set screw and wrench.	¾
25-683	Tool Holder, straight cutting-off and side holder, ⅜" x 3½". Includes 3½" x ⅝" HSS cutting-off blade ground on both ends with set screw and wrench.	¾
25-684	Tool Holder, right hand off-set cutting-off and side holder, ⅜" x 3½". Includes 3½" x ⅝" HSS cutting-off blade ground on both ends with set screw and wrench.	¾

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 10" Metal Lathe Continued)		
25-685	Tool Holder, left hand off-set cutting-off and side holder, $\frac{3}{8}$ " x $\frac{31}{32}$ ". Includes $\frac{3}{32}$ " x $\frac{5}{8}$ " HSS cutting-off blade ground on both ends with set screw and wrench.	$\frac{7}{8}$
25-686	Threading Tool, $\frac{3}{8}$ " x $\frac{7}{8}$ ". Includes formed cutter for pitches 6 to 20.	$\frac{3}{4}$
25-687	Knurling Tool, $\frac{3}{8}$ " x $\frac{7}{8}$ " self-centering head, with one pair of medium diamond knurls, $\frac{1}{16}$ " face x $\frac{5}{8}$ " diameter.	$\frac{3}{4}$
25-688	Knurling Tool, $\frac{3}{8}$ " x $\frac{7}{8}$ " revolving head type for knurls $\frac{1}{16}$ " face x $\frac{5}{8}$ " diameter with three knurls of fine, medium and coarse diamond.	1
25-689	Tool Holder, straight carbide, $\frac{3}{8}$ " x $\frac{15}{16}$ " for $\frac{1}{4}$ " square bits with set screw and wrench.	$\frac{7}{8}$
25-690	Tool Holder, right hand off-set carbide, $\frac{3}{8}$ " x $\frac{15}{16}$ " for $\frac{1}{4}$ " square bits with set screw and wrench.	$\frac{3}{4}$
25-691	Tool Holder, left hand off-set carbide, $\frac{3}{8}$ " x $\frac{15}{16}$ " for $\frac{1}{4}$ " square bits with set screw and wrench.	$\frac{7}{8}$
25-692	Boring Tool, $\frac{3}{8}$ " x $\frac{7}{8}$ " for bars $\frac{1}{4}$ " to $\frac{5}{8}$ " in diameter. Includes one 45° and one 90° cutter, two wrenches and one $\frac{5}{8}$ " diameter sleeve-bar.	2 $\frac{3}{8}$
25-695	Cut off Blade, $\frac{3}{32}$ " x $\frac{5}{8}$ " for cut-off holders, #25-683, #25-684, #25-685.	2
25-696	Formed Threading Cutter. Sharp 60° V-thread for pitches 6 to 20 inclusive, fits #25-686 threading tool.	2
25-800	Collets, steel, set of 6, for holding round stock, $\frac{1}{8}$ " to $\frac{3}{8}$ " x 16ths, self releasing, hardened.	4
25-801	Bench for 10" Metal Lathe, 30" x 60" hard maple laminated top, $1\frac{1}{8}$ " thick, 30" high with template for locating holes and assembly hardware.	118
25-802	Drawer for #25-801 table, may be used on other benches, etc., 14" wide, 23½" front to back, 5" deep. Includes removeable $13\frac{1}{2}$ " x 8" x 1" sliding tray, attachment hanger and screws for mounting.	26
25-803	Back and side stops for #25-801 bench, forms 3" high bench around sides and back. Includes mounting hardware.	10
25-805	Motor Mounting Kit for motors #62-710, #66-710 and most NEMA frame 56 motors. For use with #25-811 cabinet. Includes mounting brackets, motor mounting plate and guard for variable speed pulley and variable speed drive belt.	34
25-807	Bench Unit Complete. Consists of #25-801 bench, #25-802 drawer and #25-803 back and side stops. Not assembled.	153
25-808	Adjustable Floor Rest to support the #25-805 Motor Mounting Kit. Not necessary when the #25-805 Kit is used with the #25-811 Cabinet.	13
25-809	Chip Pan 22 x 54", $1\frac{1}{8}$ " deep. Same as coolant pan provided with the #25-811 Cabinet except it does not have the drain hole nor the eight holes for mounting on cabinet. For use on Delta #25-801 Bench or customer's bench.	45
25-810	Collets, steel, set of 6, for holding round stock, $\frac{1}{8}$ " to $\frac{3}{4}$ " x 16ths, self-releasing, hardened.	4
25-811	Cabinet with Coolant Pan for 10" Metal Lathe. Brings center of spindle 42" from floor. Head-stock pedestal has three 12 x 17" shelves and door, flange in drain hole is tapped for standard $\frac{1}{2}$ " pipe. Shipped not assembled. (Order #25-805 Kit for mounting motor.)	143
25-812	Collet, steel, one only, available from $\frac{1}{16}$ " to $\frac{3}{4}$ " x 64ths. (Specify #25-812 and size).	$\frac{1}{2}$
25-813	Magnetic Starter Electrical Disconnect Switch Kit for 10" Metal Lathes.	216
25-814	Magnetic Starter Electrical Disconnect Switch Kit for 10" Metal Lathes. Same as #25-813 but price includes charge for mounting at factory when ordered as original equipment on new lathes.	216
25-815	Coolant Chute for keeping coolant from dripping on floor.	3
25-825	Draw-Bar Ball Bearing. Includes $4\frac{1}{2}$ " hand wheel, spindle nose cup and spanner wrench.	6
25-828	Collet Rack, holds 19 collets, 2 centers, spindle nose cap, spanner wrench and draw bar. Mounts on lathe bed.	9
25-830	Thread Stop. Clamps on dovetail of saddle in front of lathe.	1 $\frac{1}{2}$
25-831	Mechanical Back Gear Lock-out Kit.	2
25-839	9" Face Plate. Has eight $\frac{3}{8}$ " x $2\frac{1}{4}$ " slots for clamping work.	14
25-840	6" Drive Plate. Has two $\frac{3}{4}$ " opposed slots for driving lathe dogs.	4
25-841	60° Center for Tailstock, #2 Morse Taper shank, hardened and ground.	$\frac{1}{2}$
25-843	60° Half Center for Tailstock, #2 Morse Taper shank, hardened and ground.	$\frac{1}{2}$
25-844	60° Live Center. Pointed, for tailstock, with #2 Morse Taper shank.	1 $\frac{1}{2}$
25-845	60° Live Center. Hollow, for tailstock, with #2 Morse Taper shank.	1 $\frac{1}{2}$
25-850	Follower Rest, $3\frac{1}{2}$ " diameter work capacity. Includes mounting bolts.	10
25-851	Turret Tool Post for facing, turning, thread cutting, boring, etc. $2\frac{1}{2}$ " square head takes four $\frac{3}{8}$ " tool bits. Indexing feature provides 12 positions, 3 for each tool.	10
25-852	Steady Rest, 3" diameter work capacity. Top half hinged for easy loading.	12
25-853	Plain Carriage Stop. Includes parts for mounting on front V-way of bed.	2
25-854	Micrometer Carriage Stop. Includes parts for mounting on front V-way of bed.	2 $\frac{1}{2}$
25-856	Taper Attachment. Turns or bores tapers up to $8\frac{1}{4}$ " long, with $1\frac{1}{4}$ " maximum cross travel of tool at one setting. Includes telescopic cross feed screw and shaft and complete instructions for field mounting.	31
25-857	Lamp Attachment with 15" flexible gooseneck. Includes nylon shield, mounting bracket, switch and 8-foot cord with 2-prong plug. Uses standard bulb (not included) up to 100 watts.	2
25-859	Belt and Pulley Guard. Aluminum, with $\frac{3}{8}$ " slots. Recommended when motor is mounted at rear on Delta #25-801 (or customer's) Bench.	10
25-861	Lathe Dog, $\frac{3}{8}$ " Bent Tail with screw and wrench.	$\frac{1}{2}$
25-862	Lathe Dog, $\frac{1}{2}$ " Bent Tail with screw and wrench.	$\frac{1}{2}$
25-863	Lathe Dog, $\frac{3}{4}$ " Bent Tail with screw and wrench.	$\frac{1}{2}$
25-864	Lathe Dog, 1" Bent Tail with screw and wrench.	$\frac{3}{4}$
25-865	Lathe Dog, $1\frac{1}{4}$ " Bent Tail with screw and wrench.	$\frac{3}{4}$
25-866	Lathe Dog, $1\frac{1}{2}$ " Bent Tail with screw and wrench.	$\frac{3}{4}$
25-870	5" Lathe Chuck, 3 Jaw Type for internal or external holding up to approximately 5" dia. Includes 3 internal and 3 external jaws and wrench.	5

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 10" Metal Lathe Continued)		
25-873	6" Lathe Chuck, 4-jaw type back threaded 1½-8". For internal or external holding up to approximately 5" in diameter. Jaws hardened and jaw screws heat treated. Includes wrench and one set of reversible jaws.	9
25-874	6" Lathe Chuck. 4-Jaw type for internal or external holding up to approximately 5" in diameter. Jaws hardened; jaw screws and thrust bearings heat treated. Includes one set of jaws reversible for internal or external work, fitted chuck plate threaded 1½" - 8 and wrench.	18
49-120	V-belt, 27¾" OC.	5/8
49-121	V-belts, set of 2, 30¾" OC.	1
49-216	Motor Pulley, 2", for variable speed drive, with set screw. (Specify ½, 5/8, ¾ or 7/8" bore).	1¾

11" METAL LATHE

25-100	11" Metal Cutting Lathe, 4 foot Bed, 2¼" - 8 threaded spindle nose, 24" between centers. Includes cabinet with coolant pan, quick change gear box, variable speed drive complete with belts, extra shear pins, thread chasing dial, thread cutting stop, motor pulley for ¾" shaft, tool post, ring and rocker, 7" diameter drive plate, two 60" centers, #2 Morse Taper for headstock, #3 Morse Taper for tailstock, combination wrench, #2 Morse Taper Spindle Adapter, box wrench for tailstock, spanner wrench for draw nut.	840
25-100-H	11" Metal Cutting Lathe. Same as #25-100 but with flame hardened bed.	840
25-110	11" Metal Cutting Lathe, 5 foot Bed, 2¼" - 8 threaded spindle nose, 36" between centers. Includes cabinet with coolant pan, quick change gear box, variable speed drive complete with belts, extra shear pins, thread chasing dial, thread cutting stop, ring and rocker, 7" diameter drive plate, two 60" centers, #2 Morse Taper for headstock, #3 Morse Taper for tailstock, combination wrench, #2 Morse Taper Spindle Adapter, box wrench for tailstock, spanner wrench for draw nut.	845
25-110-H	11" Metal Cutting Lathe. Same as #25-110 but with flame hardened bed.	845
25-130	11" Metal Cutting Lathe, 4 foot Bed, L-00 tapered key drive spindle nose, 24" between centers. Includes cabinet with coolant pan, quick change gear box, variable speed drive complete with belts, extra shear pins, thread chasing dial, thread cutting stop, motor pulley for ¾" shaft, tool post, ring and rocker, 7" diameter drive plate, two 60" centers, #2 Morse Taper for headstock, #3 Morse Taper for tailstock combination wrench, #2 Morse Taper Spindle Adapter, box wrench for tailstock, spanner wrench for draw nut.	800
25-130-H	11" Metal Cutting Lathe. Same as #25-130 but with flame hardened bed.	800
25-140	11" Metal Cutting Lathe, 5 foot Bed, L-00 tapered key drive spindle nose, 36" between centers. Includes cabinet with coolant pan, quick change gear box, variable speed drive complete with belts, extra shear pins, thread chasing dial, thread cutting stop, motor pulley for ¾" shaft, tool post, ring and rocker, 7" diameter drive plate, two 60" centers, #2 Morse Taper for headstock, #3 Morse Taper for tailstock, combination wrench, #2 Morse Taper Spindle Adapter, box wrench for tailstock, spanner wrench for draw nut.	906
25-140-H	11" Metal Cutting Lathe. Same as #25-140 but with flame hardened bed.	906

For Single Phase Operation

25-105	11" Metal Cutting Lathe, 4 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus single phase motor and reversing push button switch for manual on and off control, assembled. Consists of: Basic Lathe, #83-210 115/230 V Motor and #25-505 Switch, mounted and wired to motor for 230 V operation.	880
25-105H	11" Metal Cutting Lathe. Same as #25-105 but with Flame Hardened Bed.	880
25-115	11" Metal Cutting Lathe. 5 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus single phase motor and reversing push button switch for manual on and off control, assembled. Consists of: Basic Lathe, #83-210 115/230 V Motor and #25-505 Switch, mounted and wired to motor for 230 V operation.	925
25-115H	11" Metal Cutting Lathe. Same as #25-115 but with Flame Hardened Bed.	925
25-135	11" Metal Cutting Lathe. 4 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus single phase motor and reversing push button switch for manual on and off control, assembled. Consists of: Basic Lathe, #83-210 115/230 V Motor and #25-505 Switch, mounted and wired to motor for 230 V operation.	880
25-135H	11" Metal Cutting Lathe. Same as #25-135 but with Flame Hardened Bed.	880
25-145	11" Metal Cutting Lathe. 5 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus single phase motor and reversing push button switch for manual on and off control, assembled. Consists of: Basic Lathe, #83-210 115/230 V Motor and #25-505 Switch, mounted and wired to motor for 230 V operation.	980
25-145H	11" Metal Cutting Lathe. Same as #25-145 but with Flame Hardened Bed.	980

For Three-Phase Operation

25-305	11" Metal Cutting Lathe, 4 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus three phase motor and reversing push button switch for manual on and off control, assembled. Includes overload switch, not assembled. Consists of: Basic Lathe, #86-920 Motor, #25-505 Switch, mounted and wired to motor and #49-365 Overload Switch. Specify whether 208-220 or 440 volts.	880
25-305-H	11" Metal Cutting Lathe. Same as #25-305 but with Flame Hardened Bed.	880
25-307	11" Metal Cutting Lathe, 4 foot Bed, 2¼"-8 threaded spindle nose, with standard equipment plus three phase motor and reversing push button switch for magnetic on and off control, assembled. Includes magnetic reversing starter for overload, low voltage and no voltage protection, not assembled. Consists of: Basic Lathe, #86-920 Motor and either #25-504 or #25-507 Control with switch mounted and wired to motor and separate starter. Specify whether 208-220 or 440 volts.	880

Cat. No.	Description	Ship. Wt. Lbs.
(Motors and Controls Continued)		
25-307-H	11" Metal Cutting Lathe. Same as #25-307 but with Flame Hardened Bed.	880
25-315	11" Metal Cutting Lathe, 5 foot Bed, 2 1/4"-8 threaded spindle nose, with standard equipment plus three phase motor and reversing push button switch for manual on and off control, assembled. Includes overload switch, not assembled. Consists of: Basic Lathe, #86-920 Motor, #25-505 Switch, mounted and wired to motor and #49-365 Overload Switch. Specify whether 208-220 or 440 volts.	925
25-315-H	11" Metal Cutting Lathe. Same as #25-315 but with Flame Hardened Bed.	925
25-317	11" Metal Cutting Lathe, 5 foot Bed, 2 1/4"-8 threaded spindle nose, with standard equipment plus three phase motor and reversing push button switch for magnetic on and off control, assembled. Includes magnetic reversing starter for overload, low voltage and no voltage protection, not assembled. Consists of: Basic Lathe, #86-920 Motor and either #25-504 or #25-507 Control with switch mounted and wired to motor and separate starter. Specify whether 208-220 or 440 volts.	925
25-317-H	11" Metal Cutting Lathe. Same as #25-317 but with Flame Hardened Bed.	925
25-335	11" Metal Cutting Lathe, 4 foot Bed, 2 1/4"-8 threaded spindle nose with standard equipment plus three phase motor and reversing push button switch for manual on and off control, assembled. Includes overload switch, not assembled. Consists of: Basic Lathe, #86-920 Motor, #25-505 Switch, mounted and wired to motor and #49-365 Overload Switch. Specify whether 208-220 or 440 volts.	880
25-335-H	Metal Cutting Lathe. Same as #25-335 but with Flame Hardened Bed.	880
25-337	11" Metal Cutting Lathe, 4 foot Bed, L-00 tapered key drive spindle nose, with standard equipment plus three phase motor and reversing push button switch for magnetic on and off control, assembled. Includes magnetic reversing starter for overload, low voltage and no voltage protection, not assembled. Consists of: Basic Lathe, #86-920 Motor, and either #25-504 or #25-507 Control with switch mounted and wired to motor and separate starter. Specify whether 208-220 or 440 volts.	880
25-337-H	11" Metal Cutting Lathe. Same as #25-337 but with Flame Hardened Bed.	880
25-345	11" Metal Cutting Lathe, 5 foot Bed, L-00 tapered key drive spindle nose, with standard equipment plus three phase motor and reversing push button switch for manual on and off control, assembled. Includes overload switch, not assembled. Consists of: Basic Lathe, #86-920 Motor, #25-505 Switch, mounted and wired to motor and #49-365 Overload Switch. Specify whether 208-220 or 440 volts.	925
25-345-H	11" Metal Cutting Lathe. Same as #25-345 but with Flame Hardened Bed.	925
25-347	11" Metal Cutting Lathe, 5 foot Bed, L-00 tapered key drive spindle nose, with standard equipment plus three phase motor and reversing push button switch for magnetic on and off control, assembled. Includes magnetic reversing starter for overload, low voltage and no voltage protection, not assembled. Consists of: Basic Lathe, #86-920 Motor and either #25-504 or #25-507 Control with switch mounted and wired to motor and separate starter. Specify whether 208-220 or 440 volts.	880
25-347-H	11" Metal Cutting Lathe. Same as #25-347 but with Flame Hardened Bed.	880
Accessories for 11" Metal Lathes		
933	Spur Drive Center #2 Morse Taper Shank. For Wood Turning.	3/8
934	Cup Dead Center #2 Morse Taper Shank. For Wood Turning.	3/8
940	Screw Center, #2 Morse Taper. For Wood Turning.	1/2
968	Geared Chuck with #2 Morse Taper Shank for 11" and 12" lathes and for 17" Drill Press.	2 1/2
17-820	Drill Chuck with #3 Morse Taper 3-Jaw, 0-1/2".	1 1/2
25-500	V-belt, variable speed drive, 34 1/2" OC.	1
25-502	V-belts (matched pair) 50 3/4" OC for spindle drive, special construction heat and oil resistant. .	1
25-520	Spindle Adapter, #3 Morse Taper i.d. For mounting milling arbors #25-521, #25-522, #25-524 and #25-526, collet chuck #25-527, or drill chuck #17-820.	2
25-521	Arbor for shell end mills with 1/2" hole, #3 Morse Taper Shank, tapped 5/16"-18 for draw bolt, with mounting screw.	1
25-522	Screw Arbor for dovetail milling cutters, threaded 3/8"-24 RH, #3 Morse Taper Shank, tapped 5/16"-18 for draw bolt.	1
25-524	Screw Arbor for dovetail milling cutters, same as #25-522 except threaded 1/2" 20 R.H.	1
25-526	Arbor for plain milling cutters with 1" hole, up to 1 1/2" wide, #3 Morse Taper Shank, tapped 5/16"-18 for draw bolt. Includes spacing collars, key and nut.	2
25-527	Collet Chuck for Woodruff keyseat cutters with nut with 1/2" shank, #3 Morse Taper Shank, tapped 5/16"-18 for draw bolt, with nut.	1
25-528	Draw Bolt for arbors and collet chucks, threaded 5/16" - 18, with bushing, washer and nut.	2
25-541	60° Lathe Center for tailstock, #3 Morse Taper, hardened.	1
25-542	60° Lathe Center for headstock, #2 Morse Taper, soft.	1 1/2
25-543	60° Half Center for tailstock, #3 Morse Taper, hardened.	1
25-544	60° Live Center pointed for tailstock, #3 Morse Taper, with heavy duty bearing.	3
25-545	60° Live Center hollow for tailstock, #3 Morse Taper, with heavy duty bearing.	3
25-546	60° Lathe Center, hollow, #3 Morse Taper, hardened.	1
25-548	90° Crotch Center, #3 Morse Taper, 1 3/8" diameter head, 5/16" relief hole.	1
25-551	Turret Tool Post for compound or Double Tool Post Cross Slides. 3 1/2" square head. Takes 4-1/2" cutter bits. (When used on Double Tool Post Cross Slides, #25-552 adapter is required and must be ordered separately).	9
	Slide. Complete with base, alignment keys, stud with clamp plate, nut and washer.	1
25-552	Adapter for mounting #25-551 Turret Tool Post on #25-555 or #25-556 Double Tool Post Cross	1
25-553	Lever Type, Ball Bearing Collet Closer for 2 1/4"-8 threaded nose lathes. Used with all 5-C collets; round, square, hex, step, soft, internal, external, etc. Includes mounting bracket with bolts, collet sleeve and spindle nose cap. Spanner wrench supplied.	14

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 11" Metal Lathes Continued)		
25-554	Lever Type, Ball Bearing Collet Closer for L-00 tapered nose lathes. Used with all 5-C collets; round, square, hex, step, soft, internal, external, etc. Includes mounting bracket with bolts, collet sleeve and spindle nose cap. Spanner wrench supplied.	14
25-555	Cross Slide, Pilot Wheel Feed, Bed Mounted, Double Tool Post, 8" Travel.	72
25-556	Cross Slide, Saddle Mounted, Double Tool Post, 5 $\frac{5}{8}$ " Travel.	50
25-557	Bed Turret, heavy duty, self-indexing, with six-station head. Converts engine type into ram-type turret lathe.	114
25-558	Coolant Assembly. Consists of nozzle, flexible hose, valve, mounting bracket, "L" shaped $\frac{1}{4}$ " pipe and sealing compound, "Y" type filter for drain line and screen for drain hole. Mounts on either #25-555 Double Tool Post Cross Slide or on saddle of carriage.	8
25-559	Splash Guard for L-00 Tapered Nose Lathes.	2
25-560	Splash Guard for 2 $\frac{1}{4}$ "-8 threaded Nose Lathes.	2
25-561	Guard for Outboard Gear Train with hinge, mounting bracket for upper portion, and lathe lubrication chart.	6
25-562	Splash Guard for Coolant Pan, 15" x 30" with clamps for mounting.	17
25-570	6" Chuck, 3-Jaw Adjust-Tru Universal Type for 2 $\frac{1}{4}$ "-8 threaded nose.	21
25-572	6" Chuck, 3-Jaw Adjust-Tru Universal Type for L-00 tapered nose.	23
25-574	8" Chuck, 4-Jaw Independent Type for 2 $\frac{1}{4}$ "-8 threaded nose.	23
25-576	8" Chuck, 4-Jaw Independent Type for L-00 tapered nose.	26
25-578	6" Chuck, 6-Jaw Adjust-Tru Universal Type for 2 $\frac{1}{4}$ "-8 threaded nose.	24
25-580	6" Chuck, 6-Jaw Adjust-Tru Universal Type for L-00 tapered nose.	24
25-590	6" Rough Chuck Plate for 2 $\frac{1}{4}$ "-8 threaded nose without mounting holes.	9 $\frac{1}{4}$
25-591	6" Rough Chuck Plate for L-00 tapered nose without mounting holes.	9 $\frac{1}{4}$
25-592	8" Rough Chuck Plate for 2 $\frac{1}{4}$ "-8 threaded nose without mounting holes.	9 $\frac{1}{4}$
25-593	8" Rough Chuck Plate for L-00 tapered nose without mounting holes.	9 $\frac{1}{4}$
25-600	Collets, steel, set of eight for holding round stock, $\frac{1}{16}$ " to $\frac{1}{2}$ " x 16ths. Self releasing, hardened.	5
25-610	Collets, steel, set of eight for holding round stock, $\frac{1}{16}$ " to 1" x 16ths. Self releasing, hardened.	5
25-612	Collet, steel, one only for holding round stock. Available from $\frac{1}{16}$ " to 1 $\frac{1}{2}$ " x 64ths. Specify Catalog #26-612 and size desired.	518
25-625	Ball Bearing Draw Bar for 2 $\frac{1}{4}$ "-8 threaded spindle nose. Includes 6" hand wheel, collet sleeve, spindle nose cap and spanner wrench.	9
25-626	Ball Bearing Draw Bar. Same as #25-625 but for L-00 tapered spindle nose.	9
25-628	Rack for Collets, holds 17 collets. Includes bracket for mounting to lathe bed.	12
25-640	7" Drive Plate for 2 $\frac{1}{4}$ "-8 threaded nose, with slot for driving dogs and three work clamping slots.	6
25-642	7" Drive Plate for L-00 tapered nose, with slot for driving dogs and three work clamping slots.	7
25-644	10" Face Plate with eight $\frac{3}{8}$ " x 2 $\frac{1}{2}$ " clamping slots, for 2 $\frac{1}{4}$ "-8 threaded nose.	11
25-646	10" Face Plate with eight $\frac{3}{8}$ " x 2 $\frac{1}{2}$ " clamping slots, for L-00 tapered nose.	12
25-650	Follower Rest, Deluxe type with telescoping brass jaws, $\frac{1}{16}$ " to 2 $\frac{3}{4}$ " capacity, with mounting bolts.	5
25-651	Milling Attachment for milling, keyway cutting, boring, etc. Vise open to 1 $\frac{1}{4}$ " vertical travel 4 $\frac{1}{2}$ ", zero start micrometer collar calibrated .001, angle plate and vise swivel 360° with degree calibrations. Includes #3 Morse Taper Spindle Adapter.	22
25-652	Steady Rest, Deluxe type with telescoping brass jaws, $\frac{1}{16}$ " to 3 $\frac{1}{2}$ " capacity, top half hinged, with mounting parts.	12
25-653	Plain Carriage Stop. Includes parts for mounting to front V-way of bed.	2
25-654	Micrometer Carriage Stop, collar graduated in .001, self-locking. With Mounting Parts.	3
25-655	Four Position Carriage Stop, provides four positive longitudinal feed stops for repetitive operations. With Mounting Parts.	5
25-656	Taper Attachment used for turning and boring, tapers up to 9 $\frac{1}{2}$ " long at one setting, with adjustment up to 3 $\frac{1}{2}$ " per foot on diameter of 17° included angle.	35
25-657	Lamp Attachment, 8 watt, 115 V, 60 cycle, fluorescent type. Includes chip shield, on-and-off switch, two 4 watt bulbs, 18" gooseneck, bracket for mounting to carriage and 6 foot power power cord with 2-prong plug.	4
25-661	Lathe Dog, $\frac{3}{8}$ " Bent Tail. Includes wrench and safety screw.	$\frac{1}{2}$
25-662	Lathe Dog, $\frac{1}{2}$ " Bent Tail. Includes wrench and safety screw.	$\frac{1}{2}$
25-663	Lathe Dog, $\frac{3}{4}$ " Bent Tail. Includes wrench and safety screw.	1
25-664	Lathe Dog, 1" Bent Tail. Includes wrench and safety screw.	1 $\frac{1}{4}$
25-665	Lathe Dog, 1 $\frac{1}{4}$ " Bent Tail. Includes wrench and safety screw.	2
25-666	Lathe Dog, 1 $\frac{1}{2}$ " Bent Tail. Includes wrench and safety screw.	2 $\frac{1}{4}$
25-667	Threading Tool, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes formed cutter for pitches 5 to 20 inclusive.	1
25-668	Knurling Tool, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ", self-centering head, with one pair of medium diamond knurls, $\frac{1}{4}$ " face x $\frac{3}{4}$ " diameter.	2
25-669	Knurling Tool, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ", revolving head, with three pairs of fine, medium and coarse diamond knurls, $\frac{1}{4}$ " face x $\frac{3}{4}$ " diameter.	1
25-670	3" Motor Pulley for variable speed drive. (Specify $\frac{5}{16}$ ", $\frac{3}{4}$ " or 1" bore).	2
25-671	Tool Holder, straight, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes $\frac{5}{16}$ " square HSS bit, with set screw and wrench.	2
25-672	Tool Holder, right hand off-set, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes $\frac{5}{16}$ " square HSS bit, with set screw and wrench.	1
25-673	Tool Holder, left hand off-set, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes $\frac{5}{16}$ " square HSS bit, with set screw and wrench.	2
25-674	Tool Holder, straight cutting-off and side, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes $\frac{1}{8}$ " x $\frac{3}{4}$ " HSS cutting-off blade ground on both ends, with set screw and wrench.	1
25-675	Tool Holder, right hand off-set and side, $\frac{1}{2}$ " x 1 $\frac{1}{8}$ ". Includes $\frac{1}{8}$ " x $\frac{3}{4}$ " HSS cutting-off blade ground on both ends, with set screw and wrench.	1

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 11" Metal Lathes Continued)		
25-676	Tool Holder, left hand off-set cutting-off and side, $\frac{1}{2}$ " x $1\frac{1}{4}$ ". Includes $\frac{1}{8}$ " x $\frac{3}{4}$ " HSS cutting-off blade ground on both ends, with set screw and wrench.	2
25-677	Tool Holder, straight carbide, $\frac{1}{2}$ " x $1\frac{1}{4}$ ", for $\frac{1}{16}$ " square bits, with set screw and wrench.	2
25-678	Tool Holder, right hand off-set carbide, $\frac{1}{2}$ " x $1\frac{1}{4}$ ", for $\frac{1}{16}$ " square bits, with set screw and wrench.	2
25-679	Tool Holder, left hand off-set carbide, $\frac{1}{2}$ " x $1\frac{1}{4}$ " for $\frac{5}{16}$ " square bits, with set screw and wrench.	2
25-693	Boring Tool, $\frac{1}{2}$ " x $1\frac{1}{8}$ ", for bars $\frac{1}{4}$ " to $\frac{3}{4}$ " in diameter. Includes one 45° and one 90° cutter, two wrenches, and one $\frac{3}{4}$ " diameter sleeve-bar.	5
25-694	Cut-Off Blade, replacement blade and cutter $\frac{1}{8}$ " x $\frac{3}{4}$ " HSS, for use in tool holders #25-674, #25-675 and #25-676.	1
25-698	Formed Threading Cutter. Sharp 60° V-thread for pitches 5 to 20 inclusive, fits #25-667 threading tool.	1
49-302	Stop Rods for #864 Miter Gage, $\frac{5}{16}$ " diameter with two clamps and two screws.	$\frac{1}{2}$

HAND SCREW MACHINE

25-150	Hand Screw Machine, with $2\frac{1}{4}$ "-8 threaded spindle nose. Includes double tool post cross slide, lever type collet closer, bed turret, cabinet with coolant pan, doors and shelves, variable speed drive complete with belts, motor pulley for $\frac{3}{4}$ " shaft, combination wrench, and guard for out-board end of spindle.	840
25-160	Hand Screw Machine, with L-00 tapered key drive spindle nose. Includes double tool post cross slide, lever type collet closer, bed turret, cabinet with coolant pan, doors and shelves, variable speed drive complete with belts, motor pulley for $\frac{3}{4}$ " shaft, combination wrench, spanner wrench for draw nut, and guard for outboard end of spindle.	900
For Single Phase Operation		
25-155	Hand Screw Machine, for single phase operation, with $2\frac{1}{4}$ "-8 threaded spindle nose. Includes standard equipment, plus single phase #83-210, 115/230 V motor and #25-505 reversing push button switch for manual on-and-off control, mounted and wired to motor for 230 V operation.	960
25-165	Hand Screw Machine, for single phase operation, with L-00 tapered key drive spindle nose. Includes standard equipment, plus single phase #83-210, 115/230 V motor and #25-505 reversing push button switch for manual on-and-off control, mounted and wired to motor for 230 V operation.	960
For Three-Phase Operation		
25-355	Hand Screw Machine, for 3 phase operation, with $2\frac{1}{4}$ "-8 threaded spindle nose. Includes standard equipment, plus 3 phase #86-920 motor, #25-505 reversing push button switch for manual on-and-off control, mounted and wired to motor and #49-365 over-load switch. (Specify 208-220 or 440 V).	960
25-357	Hand Screw Machine, for 3 phase operation, with $2\frac{1}{4}$ "-8 threaded spindle nose. Includes standard equipment, plus 3 phase #86-920 motor, magnetic reversing starter for overload, low-voltage and no-voltage protection, not assembled. Control with switch mounted and wired to motor and separate starter. (Specify 208-220 or 440 V).	960
25-365	Hand Screw Machine, for 3 phase operation, with L-00 tapered key drive spindle nose. Includes standard equipment, plus 3 phase #86-920 motor, #25-505 reversing push button switch for manual on-and-off control, mounted and wired to motor and #49-365 overload switch. (Specify 208-220 or 440 V).	876
25-367	Hand Screw Machine, for 3 phase operation, with L-00 tapered key drive spindle nose. Includes standard equipment, plus 3 phase #86-920 motor, magnetic reversing starter for overload low-voltage and no-voltage protection, not assembled. Control with switch mounted and wired to motor and separate starter. (Specify 208-220 or 440 V).	960

(For Accessories see 11" Metal Lathe Accessories.)

MOTORS AND CONTROLS FOR DELTA METAL LATHES

Single Phase Motors		
62-710	Motor, $\frac{3}{4}$ HP, 1725 RPM, 115/230 V, 60 cycle.	43
83-210	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	60
83-212	Motor, 1 HP, 1140 RPM 115/230 V, 60 cycle.	60
83-220	Motor, 1 HP, 1425 RPM, 115/220 V, 50 cycle.	60
83-249	Motor, 1 HP, 1725 RPM 208 V, 60 cycle.	60
For Three-Phase Operation		
66-710	Motor, $\frac{3}{4}$ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	28
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
86-922	Motor, 1 HP, 960/1140 RPM, 208-220/440 V, 50/60 cycle.	60
87-120	Motor, $1\frac{1}{2}$ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	52
Controls and Wiring Kits		
25-504	Magnetic Control Push Button Switch and Reversing Magnetic Starter Kit for 11" Metal Cutting Lathe. For use with 440 V, 60 cycle, 3 phase motors up to 1 HP. Kit includes switch, wiring, mounting parts and wiring diagram for connecting between #86-920 motor and switch. Starter provides motor with overload, low-voltage and no-voltage protection. Does not include wiring from motor to starter and power source.	23

Cat. No.	Description	Ship. Wt. Lbs.
(Motors and Controls Continued)		
25-505	Manual Control Reversing Push Button Switch Kit. For use with single phase motors up to 1 HP, AC, 125-250 V. Kit includes switch, wiring, mounting parts, and wiring diagram for connecting between #83-210, #86-920 or #87-120 motor and switch on 11" Metal Lathe.	11
25-506	Manual Control Reversing Drum Switch Kit. For use with single phase or DC motors up to 1 HP, AC-DC, 125-250 V. Kit includes switch, wiring, mounting parts, and wiring diagram for connecting between #83-210, #86-920 or #87-120 motor and switch on 11" Metal Lathe.	11
25-507	Magnetic Control Push Button Switch and Reversing Magnetic Starter Kit for 11" Metal Cutting Lathe. Same as #25-504 except 208-220 V.	23
25-508	Wiring Kit for 11" Metal Cutting Lathes. Used with any standard control station for manual or magnetic control of lathe motors. Includes wiring, mounting parts for placing control above headstock, and wiring diagram for connecting between lathe motor and control station.	8
25-513	Magnetic Starter Safety Electrical Disconnect Switch Kit for 11" Metal Cutting Lathe. This kit, when used with a 3 phase magnetic starter, automatically shuts off motor when gear train guard is swung open. Motor remains off even when cover is closed until start button is depressed. Includes directions and wiring diagram for field mounting.	4
25-514	Magnetic Starter Safety Electrical Disconnect Switch Kit for 11" Metal Cutting Lathe. Same as #25-513 but price includes charge for mounting at factory when ordered as original equipment on new lathes.	4
25-806	Manual Control Reversing Drum Switch Kit. For use with #62-710 or #66-710 motor, and (when overload protection is required) #49-365 overload switch. Kit includes drum switch, junction box with mounting bracket, 38" 4-conductor cable, wiring diagram and everything needed for connecting between switch and motor on 10" Metal Lathe.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-392	Reversing Drum Switch for Magnetic Control	6
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used. ...	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6

14/11 HOMECRAFT WOOD LATHE

46-111	14/11 Lathe. Complete with #933 drive center, #934 cup center, #936 3" face plate, #46-891 4" tool rest, #46-892 6" off-set tool rest, #46-893 12" tool rest, #46-831 tool rest base and wrenches.	98
All Inclusive Catalog Numbers		
46-114	14/11 Lathe, 4 speed model complete. #46-111 Basic Machine with #50-146 bench, #62-413 ½ HP motor, #932 motor pulley, #49-146 V-belt and #1332 switch rod.	228
46-116	14/11 Lathe, 16 speed model complete. #46-111 Basic Machine with #50-146 bench, #62-653 ½ HP motor, #46-864 counter shaft unit.	252
Accessories		
121	1" Skew Chisel.	1¼
122	¾" Gouge Chisel.	1¼
123	¼" Gouge Chisel.	1¼
124	½" Skew Chisel.	1¼
125	⅝" Parting Tool.	1¼
126	½" Gouge Chisel.	1¼
127	½" Spear Point Chisel.	1¼
128	½" Round Nose Chisel.	1¼
130	Set of eight Wood Turning Chisels #121 to #128 inclusive.	6
144	Work Arbor with 1"-8 R.H. thread for 11" and 12" wood lathes.	1
145	Work Arbor with 1"-8 L.H. thread for 11" and 12" wood lathes.	1
163	3" x 3" Sanding Drum with #2 Morse Taper Shank.	2¼
164	1½" x 2" Sanding Drum with #2 Morse Taper Shank for 11" and 12" lathes.	1¾
697	Floor Stand for Tool Rests.	40
933	Spur Drive Center for 11" and 12" lathes with #2 Morse Taper Shank.	¾
934	Cup Center for 11" and 12" lathes with #2 Morse Taper Shank.	¾
935	Arbor. #2 Morse Taper Shank. Has ½ x 1½" end, with flat.	¾
936	3" Face Plate with R.H. threaded bore for 11" and 12" lathes.	1½
937	6" Face Plate with R.H. and L.H. threaded bore for 11" and 12" lathes.	3
938	Hand Wheel threaded LH only for 11" and 12" lathes.	3
939	60° Center #2 Morse Taper for metal working.	¾
940	Screw Center, #2 Morse Taper.	½
949	Forged Arbor Wrench for Spindle of 11" and 12" Lathes.	½
968	Geared Chuck with #2 Morse Taper Shank.	2½
1490	Ball Bearing Center, #2 Morse Taper, with one 60°, one cup center, one flat center and Allen Wrench.	1½
34-903	Miter Gage for ½" x ¾" bar.	3
46-801	⅝" Square Nose tungsten carbide tipped turning chisel, for metal working.	1½
46-802	¾" Round Nose tungsten carbide tipped turning chisel, for metal working.	1½
46-803	¼" Square Nose tungsten carbide tipped turning chisel, for metal working.	1½
46-804	¼" Round Nose tungsten carbide tipped turning chisel, for metal working.	1½

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
46-810	Sanding Table for 11" wood lathe.	16
46-830	Off-set Tool Rest Base V-shaped hole for ½" to 1" diameter shank tool rests; for face plate turning over gap.	5
46-831	Tool Rest Base with V-shaped hole for ½" to 1" diameter shank tool rests.	5
46-848	Steady Rest.	7
46-850	Draw Bolt for holding #2 Morse Taper attachments, including sanding drums and screw centers.	1
46-864	Counter Shaft Unit for converting 4-speed lathe to a 16 speed model. Consists of (2) #49-371 hangers, #378 shaft, #718 pulley (specify motor shaft diameter), #720 pulley (¾" bore), #932 pulley, (¾" bore), #49-148 and #49-149 V-belts, (2) #49-374 collars and mounting parts.	22
46-895	Right Angle Tool Rest with 1" diameter shank; for large face plate turning.	3
46-905	Knockout Bar for removing centers and other attachments.	2
46-934	8½" Diameter Sanding Disk for 11" and 12" lathes 1"-8 thread only with one garnet disk.	5
46-954	Tool Bits, set of 4, high speed steel, ¼" x ¼" x 1½" (T-122, T-123, T-124 and T-125).	1
46-963	Tool Holder for boring bars and H.S. Steel tool bits ¼" square, for metal working.	1½
46-965	Compound Slide Rest for metal working.	28
46-966	Boring Bars, set of 3, ⅜", ½" and ¾", for metal working.	½
49-891	4" Tool Rest with 1" diameter shank; for fine, small turnings.	1¾
49-892	6" Off-set Tool Rest with 1" diameter shank; for face plate turning over gap.	2
49-893	12" Tool Rest with 1" diameter shank; for standard turnings.	3
49-894	24" Tool Rest with 1" diameter shank, for extra long turnings. Requires extra #46-831 tool rest base.	7

12" STANDARD WOOD LATHE

1460	12" Lathe, Bench Model, with #1461 tool rest base, #690 4" and #692 12" tool rests, #933 drive center, #934 cup center, #936 3" face plate, #644 V-belt and wrenches. Without motor, motor pulley, switch rod and bench.	142
46-305	12" Wood Lathe. Same as #1460 but with #932 4-step motor pulley (specify bore) and #1363 lathe bench. Without motor and switch rod.	247
46-310	12" Wood Lathe. Same as #1460 but with #718 motor pulley (specify bore), #1463 lathe bench and #1464 countershaft assembly for 16-speed operation. Without motor and switch rod.	291

All Inclusive Catalog Numbers

46-311	4-Speed, 12" Lathe complete for single phase operation. Includes #1460 lathe, #1463 lathe bench, #932 motor pulley, #82-710 ½ HP motor and #1334 switch rod.	309
46-313	4-Speed, 12" Lathe complete for 3 phase operation. Includes #1360 lathe, #1463 lathe bench, #932 motor pulley, #86-520 ½ HP motor and #1320 starter (specify voltage).	309
46-321	16-Speed, 12" Lathe complete for single phase operation. Includes #1460 lathe, #1463 lathe bench, #1464 countershaft assembly, #82-710 ½ HP motor and #1334 switch rod.	327
46-323	16-Speed, 12" Lathe complete for 3 phase operation. Includes #1460 lathe, #1463 lathe bench, #1464 countershaft assembly, #86-520 ½ HP motor and #1320 starter (Specify voltage).	327

Motors and Controls for Single Phase Operation

1334	Switch Rod with parts, for steel stand. Fits toggle switch of single phase and DC motors.	1½
62-680	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	30
62-830	Motor, ¾ HP, capacitor start, 1725 RPM, 115/230 V, 60 cycle, AC, single-phase.	24
66-840	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle, AC, 3 phase.	42
82-710	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	46
82-910	Motor, ¾ HP, 1725 RPM, 115/230 V, 60 cycle.	57

For Three-Phase Operation

1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP; 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
66-340	Motor, ½ HP, 1425-1725 RPM, 208-220/440 V, 50/60 cycle.	25
86-520	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	43

12" STANDARD VARIABLE-SPEED WOOD LATHE

46-500	12" Standard Variable Speed Gap Bed Wood Lathe, including #933 spur center, #934 cup center, #46-551 tool support base, #690 4" tool support, #692 12" tool support, #936 3" face plate, one #272 V-belt (28½" OC), one #49-101 V-belt (29½" OC) and wrenches. With #5300 motor pulley (specify ½, ¾ or 1" bore) and #50-500 base cabinet. Without motor or switch.	260
46-510	12" Standard Variable Speed Gap Bed Wood Lathe, including #933 spur center, #934 cup center, #46-551 tool support base, #690 4" tool support, #692 12" tool support, #936 3" face plate, one #272 V-belt (28½" OC), one #49-101 V-belt (29½" OC) and wrenches. Without motor, motor pulley, switch and base cabinet.	169
All Inclusive Catalog Numbers		
46-511	12" Standard Variable Speed Wood Lathe complete for single phase operation. Includes #46-500 lathe, #62-810 ½ HP motor, #49-357 cord and plug set and #49-378 push button switch.	311
46-513	12" Standard Variable Speed Wood Lathe complete. Includes #46-500 lathe, #66-820 ½ HP motor and #49-378 push button switch.	309

Cat. No.	Description	Ship. Wt. Lbs.
Motors and Controls for Single Phase Operation		
49-357	Wiring Kit. Consists of 10-foot, #14-3 conductor cord with a 3-prong, 115 V grounding plug. For use with #62-810 motor on 12" Standard Variable Speed Wood Lathe.	2½
49-369	Manual Control Toggle Switch Kit, single pole type, for use with single phase and DC motors up to 1½ HP, 125-250 V, AC-DC. Includes on-and-off switch, 2-wire cable, and box for use with the #62-810 motor on the 12" Standard Variable Speed Wood Lathe.	1
49-378	Manual Control Push Button Switch Kit. Switch is 3-pole type for use with motors up to 2 HP, 208-550 V. Includes two 3-wire cables, and wiring diagram for use with #66-120 and #66-320 - 14" and 15" Drill Press Motors and #49-365 Overload Switch.	1½
62-810	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	37
For Three-Phase Operation		
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. (To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.)	3
49-377	Manual Control Toggle Switch Kit, 3-pole, for use with 3 phase motors up to 1 HP, 208-550 V. Includes switch, box, cover and box connectors for use with #66-820 motor on the 12" Standard Variable Speed Wood Lathe.	1½
49-378	Manual Control Push Button Switch Kit, 3-pole type for use with 3 phase motors up to 2 HP, 208-550 V. Includes switch, two 3-wire cables, and wiring diagram for use with #66-120 and #66-320 14" and 15" Drill Press Motors and #49-365 Overload Switch.	1½
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
66-820	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle, AC.	38

12" DELUXE WOOD LATHE

46-400	12" Deluxe Cabinet Model, Variable Speed Wood Lathe, including #46-431 12" tool support with graduated hardened insert, #1461 tool support base, #46-430 off-set tool support base, #933 drive center, #934 cup center, #936 3" face plate, #937 6" face plate, #5300 motor pulley (specify bore ½, ⅝, ¾") #49-195 V-belt (37½" OC) and wrenches. Without motor and switch.	490
--------	--	-----

All Inclusive Catalog Numbers

46-411	12" Deluxe Variable Speed Wood Lathe complete for single phase operation. Includes #46-400 lathe, #82-910 ¼ HP motor and #46-471 manual control switch and wiring kit, mounted and wired, ready to plug in on 115 V, 60 cycle.	540
46-413	12" Deluxe Variable Speed Wood Lathe complete for 3 phase operation. Includes #46-400 lathe, #86-720 ¾ HP motor, #46-473 manual control switch and wiring kit, mounted and wired. #49-365 overload switch also supplied (specify voltage).	528

Motors and Controls for Single Phase Operation

46-470	Slow-start Switch Kit for manual or magnetic control. For use with single phase, 3 phase and DC motors up to 1 HP, AC-DC, 125-250 V. Includes limit switch with operating mechanism, cable, switch cover with lock assembly, and wiring diagrams recommended for use with 12" Deluxe Variable Speed Wood Lathe motors and controls.	7
46-471	Push Button Manual Control Switch and wiring kit for use with #62-610, #82-710 or #82-910 motor (also can be used on DC motors).	1
62-680	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	30
82-710	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	46
82-910	Motor, ¾ HP, 1725 RPM, 115/230 V, 60 cycle.	57

For Three-Phase Operation

46-470	Slow-start Switch Kit for manual or magnetic control. For use with single phase, 3 phase and DC motors up to 1 HP, AC-DC, 125-250 V. Includes limit switch with operating mechanism, cable, switch cover with lock assembly, and wiring diagrams recommended for use with 12" Deluxe Variable Speed Wood Lathe motors and controls.	7
46-472	Push Button Magnetic Control Switch and wiring kit for use with #66-320, #86-520 or #86-720 motor and #49-396, 208-220 V magnetic starter or #49-397 440 V magnetic starter.	1
46-473	Push Button Manual Switch and wiring kit for use with #66-320, #86-720 motor and #49-365 overload switch. (Also can be used on DC motors).	1
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5-HP, 208-550 V. To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.	3
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used. ...	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
49-399	Relay, 2-pole, NEMA Type 1 enclosure, rated 1 HP, 110-550 V, for use on 208-220 V, 60 cycle power systems. For use on 12" Deluxe Variable Speed Wood Lathes only.	6
66-340	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	25
86-520	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44
86-720	Motor, ¾ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	43

ACCESSORIES FOR DELTA 11" & 12" WOOD LATHES

121	1" Skew Chisel.	1 1/4
122	3/4" Gouge Chisel.	1 1/4
123	1/4" Gouge Chisel.	1 1/4
124	1/2" Skew Chisel.	1 1/4
125	3/8" Parting Tool.	1 1/4
126	1/2" Gouge Chisel.	1 1/4
127	1/2" Spear Point Chisel.	1 1/4
128	1/2" Round Nose Chisel.	1 1/4
130	Set of eight Wood Turning Chisels #121 to #128 inclusive.	6
144	Work Arbor with 1"-8 R.H. thread for 11" and 12" wood lathes.	1
145	Work Arbor with 1"-8 L.H. thread for 11" and 12" wood lathes.	1
163	3" x 3" Sanding Drum with #2 Morse Taper Shank.	2 1/4
164	1 1/4" x 2" Sanding Drum with #2 Morse Taper Shank for 11" and 12" lathes.	1 1/4
690	4" Tool Rest for 12" lathe.	1 1/4
692	12" Tool Rest for 12" lathe.	3
694	24" Tool Rest for 12" lathe.	7
695	Right Angle Tool Rest for 12" lathe.	3
697	Floor Stand for Tool Rests.	40
932	4-Step Pulley, 1/2, 5/8 or 3/4" bore.	2
933	Spur Drive Center for 11" and 12" lathes with #2 Morse Taper Shank.	3/8
934	Cup Center for 11" and 12" lathes with #2 Morse Taper Shank.	3/8
935	Arbor. #2 Morse Taper Shank. Has 1/2 x 1 1/8" end, with flat.	3/8
936	3" Face Plate with R.H. threaded bore for 11" and 12" lathes.	1 1/2
937	6" Face Plate with R.H. and L.H. threaded bore for 11" and 12" lathes.	3
938	Hand Wheel threaded L.H. only for 11" and 12" lathes.	3
939	60° Center #2 Morse Taper for 11" and 12" lathes.	3/8
940	Screw Center, #2 Morse Taper for 11" and 12" lathes.	1/2
942	3/4" Box Wrench.	1
945	Cast Iron Legs for lathe - pair.	65
949	Forged arbor Wrench for Spindle of 11" and 12" Lathes.	1/2
968	Geared Chuck with #2 Morse Taper Shank for 11" and 12" lathes and for 17" Drill Press.	2 1/2
1334	Switch rod with mounting parts.	1 1/2
1461	Tool Rest Base for #1460 lathe.	9
1463	Lathe Bench. Complete with top, shelf, cast iron legs and hardware for #1460 lathe.	98
1464	Countershaft Unit, consisting of two #49-370 hangers, #378 (3/4" x 20") shaft, #718 pulley (specify bore for motor), #720 pulley (3/4" bore for shaft), #932 pulley (3/4" bore for shaft), #284 V-belt, two #49-374 collars and hardware.	20
1468	Steady Rest for #1460 lathe.	4
1490	Ball Bearing Center, #2 Morse Taper, with one 60°, one cup center, one flat center and Allen Wrench.	1 1/2
3101	Grinding Wheel, coarse, 46 grit, aluminum oxide, 6" diameter, 1/2" wide, 1/2" Arbor Hole.	2
3102	Grinding Wheel, fine, 60 grit, aluminum oxide, 6" diameter, 1/2" wide, 1/2" Arbor Hole.	2
3113	Wire Wheel, coarse, 6" diameter, 1/2" wide, 1/2" Arbor Hole (Set of 2).	1
3114	Wire Wheel, fine, 6" diameter, 1/2" wide, 1/2" Arbor Hole (Set of 2).	1
3115	Tampico Fiber Wheel, coarse, 6" diameter, 1/2" wide, 1/2" Arbor Hole (Set of 2).	1
4005	Buffing Wheel, 6" diameter, 1/2" wide, 1/2" hole.	1
34-903	Miter Gage for #34-110 Circular Saw.	3
46-430	Off-set Tool Support Base, 9" long with 1" diameter shank.	5
46-431	Calibrated Tool Support, 12" wide with 1" diameter shank.	3 1/2
46-432	Sanding Table. For 12" Deluxe Variable Speed Wood Lathes only. Same as #46-948 except has longer base plate.	20
46-440	Filler Block for 12" Deluxe Variable Speed Wood Lathes bearing Serial #124-9001 and higher.	6
46-441	Filler Block for mounting in gap or beyond bed of 12" Deluxe Variable Speed Wood Lathe only. For lathes below Serial #124-9001.	7
46-491	Tool Rest for metal spinning tools. Has multiple opening for positioning of fulcrum pin.	4
46-492	Flat metal spinning tool.	3
46-493	Pointed metal spinning tool.	3
46-494	Cut-off tool for metal spinning.	3
46-495	Beading tool for metal spinning.	3
46-496	Set of above four spinning tools.	10
46-550	Steady Rest for 12" Standard Variable Wood Lathe capacity up to 2 3/4" diameter.	10
46-551	Tool Support Base for 12" Standard Variable Speed Wood Lathe.	7
46-801	1/4" Square Nose tungsten carbide tipped turning chisel.	1 1/2
46-802	1/8" Round Nose tungsten carbide tipped turning chisel.	1 1/2
46-803	1/4" Square Nose tungsten carbide tipped turning chisel.	1 1/2
46-804	1/4" Round Nose tungsten carbide tipped turning chisel.	1 1/2
46-815	8 1/2" Diameter, coarse garnet paper disks, 40 grit (1 dozen). Per package of 12.	2
46-817	8 1/2" Diameter, fine garnet paper disk, 80 grit (1 dozen). Per package of 12.	2
46-850	Draw Bolt for holding #2 Morse Taper attachments, including sanding drums and screw centers.	1
46-891	4" Tool rest, 1" dia. shank. For 11" wood lathe.	1 1/4
46-892	6" Offset tool rest, 1" dia. shank. For 11" wood lathe.	2
46-893	12" Tool rest, 1" dia. shank. For 11" wood lathe.	3
46-894	24" Tool rest, 1" dia. shank. Requires extra #46-831 base.	7
46-905	Knockout Bar for removing centers and other attachments.	2

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for Delta 11" and 12" Wood Lathes Continued)		
46-916	Draw Bolt for holding #2 Morse Taper attachments, including sanding drums and screw centers.	1
46-934	8½" Diameter Sanding Disc for 11" and 12" lathes 1"-8 thread only with one garnet disc.	5
46-948	Sanding Table. Complete with adjustable bracket and clamps for 12" 4 and 16-speed lathes....	17
46-950	4" Universal Chuck, 3-Jaw Type, three external, three internal jaws.	8
46-951	4" Independent Chuck, 4-Jaw Type, one set of jaws reversible for inside work.	4
46-954	Set of four, high-speed tool bits ¼" x ¼" x 1⅞" (T-122, T-123, T-124 and T-125).	1
46-961	Compound Slide Rest for 12" lathe complete with sub-base.	32
46-963	Tool Holder for boring bars and H.S. steel tool bits ¼" square.	1½
46-966	Boring Bars, set of 3, ¼", ⅜" and ½".	½
46-970	Board shelves, upper and lower with hardwood for use with #945 Bench Legs.	33
49-503	Disk Adhesive, 1 lb. stick.	1
50-500	Base cabinet.	100
46-110 Homecraft Lathe Accessories		
46-822	Screw Center #1 Morse Taper.	1
46-823	R.H. Screw on Arbor with ¾"-10 threads.	1
46-824	L.H. Screw on Arbor with ¾"-10 threads.	1
46-825	R.H. 3" Face Plate with ¾"-10 threads.	1
46-826	Right Hand and Left Hand 6" Face Plate with ¾"-10 threads for Homecraft #46-110.	3
46-827	Steady Rest for 10" Lathe.	7
46-829	Key Chuck #1 Morse Taper ½" capacity.	2
46-834	8½" Sanding Disk for 10" Lathe #46-110 Homecraft, ¾"-10 R.H. thread.	5
46-842	Cast Iron Box Wrench.	¾
46-845	Lathe Bench for 10" and 11" Lathes, Homecraft.	96
50-145	Pair of Cast Iron Bench Legs.	63
50-146	Bench for use on 1¼" Lathe.	95

13" X 5" PLANER

22-101	13" x 5" Wood Thickness Planer (single surfacing), floor model. Includes #22-125 ball bearing, 3 knife cutterhead, #22-128 set of 3 spring-loaded high speed steel knives, bearings and bearing housings. Without belt, motor pulley, motor and controls.	600
All Inclusive Catalog Numbers		
22-161	13" x 5" Thickness Planer complete for single phase operation. Includes #22-101 Planer, #93-610 2 HP Motor, #1328 Manual Starter, #41-174 Motor Pulley and #49-156 V-belt.	747
22-163	13" x 5" Thickness Planer complete for 3 phase operation. Includes #22-101 Planer, #96-320 2 HP Motor, #1320 Manual Starter for 208-220/440 V, and #41-174 Motor Pulley and #49-156 V-belt for 60 cycle only.	727
22-171	13" x 5" Thickness Planer complete for single phase operation. Includes #22-101 Planer, #97-320 3 HP Motor, #1328 Manual Starter, #49-212 Motor Pulley and #49-156 V-belt.	819
22-173	13" x 5" Thickness Planer complete for 3 phase operation. Includes #22-101 Planer, #97-320 3 HP Motor, #1328 Manual Starter for 208-220/440 V, and #49-212 Motor Pulley and #49-156 V-belt for 60 cycle only.	793
22-181	13" x 5" Thickness Planer complete for single phase operation. Includes #22-101 Planer, #93-610 2 HP Motor, #49-325 Magnetic Starter, #49-367 Cover Plate, #41-174 Motor Pulley and #49-156 V-belt.	748
22-183	13" x 5" Thickness Planer complete for 3 phase operation. Includes #22-101 Planer, #96-320 2 HP Motor, #49-393 Magnetic Starter for 208-220 V, #49-376 Cover Plate, and #41-174 Motor Pulley and #49-156 V-belt for 60 cycle only.	727
22-191	13" x 5" Thickness Planer complete for single phase operation. Includes #22-101 Planer, #84-977 3 HP Motor, #48-325 Magnetic Starter, #49-376 Cover Plate, #49-212 Motor Pulley and #49-156 V-belt.	820
22-193	13" x 5" Thickness Planer complete for 3 phase operation. Includes #22-101 Planer, #97-320 3 HP Motor, #49-393 Magnetic Starter for 208-220 V, #49-376 Cover Plate, and #49-212 Motor Pulley and #49-156 V-belt for 60 cycle only.	793
Motors and Controls for Single Phase Operation		
1328	Manual Starter, 3 phase, size 1, NEMA type 1 enclosure, rated 5 HP, 208-220 V; 7½ HP, 440 to 550 V, AC.	5
49-325	Magnetic Starter, single phase, size 1 p, NEMA Type 1 enclosure, rated 3 HP, 115 V; 5 HP, 230 V; 60 cycle, AC. Supplied with start and stop-reset buttons.	5
84-977	Motor, 3 HP, 1725 RPM, 115/230 V, 60 cycle, NEMA 225.	143
93-610	Motor, 2 HP, 1725 RPM, 115/230 V, 60 cycle.	79
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
1328	Manual Starter, 3 phase, size 1, NEMA type 1 enclosure, rated 5 HP, 208-220 V; 7½ HP, 440 to 550 V, AC.	5
49-376	Cover Plate for use with Magnetic Starter #49-393 and #49-394 on the 13" x 5" Planer.	2
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
96-320	Motor, 2 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	60
97-320	Motor, 3 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle, NEMA 225.	104
97-420	Motor, 3 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	135

Cat. No.	Description	Ship. Wt. Lbs.
Accessories		
22-105	Motor Pulley, 8½" OD, 1" bore, 3 groove, for 50 cycle motors.	18
22-106	Knife Grinding and Jointing Attachment with 155 V, AC-DC motor. Includes chuck and key, cord, plug and switch, mounting and guide rail parts, locking and positive index device, jointing stone adapter; jointing stone; one fine and one medium wheel; wheel dressing stone; gauge and wrenches.	32
22-107	Jointing Attachment only. Includes base and handles, diagonal bar, adjusting block and screw, and 1" fine jointing stone.	8
22-113	One gallon Lubricating Oil for gear drive.	12
22-114	Motor Pulley, 2¾" OD, 1" bore, 3 groove, for 3450 RPM motors.	4
22-115	Shaving Hood with 6" pipe connection used with suction system.	8
22-116	Box of 3, medium grit, #60 Grinding Wheels.	2
22-117	Box of 3, fine grit, #100 Grinding Wheels.	2
22-118	Jointing Stone.	¼
22-125	Cutterhead, ball bearing, 3-knife; #22-128 set of 3 spring-loaded, high speed steel knives, bearings and bearing housings.	28
22-128	High Speed Steel Knives, extra set of 3.	8
22-130	Knife Grinding Attachment. Same as #22-106 but less motor.	26
41-174	Motor Pulley 7" OD, ¾" bore, 60 cycle.	3
41-175	Motor Pulley 7" OD, ¾" bore, 60 cycle.	3
41-177	Motor Pulley 7" OD, 1" bore, 60 cycle.	3
41-194	Motor Pulley 8½" OD, ¾" bore, 50 cycle.	3
41-195	Motor Pulley 8½" OD, ¾" bore, 50 cycle.	¼
41-197	Motor Pulley, 1½" bore, 50 cycle.	2
49-156	V-belt, specially constructed, 68 ¹³ / ₃₂ " OC.	½
49-157	V-belt, specially constructed, 70 ¹³ / ₃₂ " OC.	½
49-210	Cutterhead Pulley for 13" x 5" Planer.	1
49-212	Motor Pulley for 7" OD, 1" bore, 60 cycle.	4
49-214	Motor Pulley for 8½" OD, 1" bore, 50 cycle.	13
49-391	Magnetic Starter for 550 V, 3 phase motors up to 5 HP. Open type (without box enclosure) for 13" Planer use only (mount in base of machine).	12

V-BELT PULLEYS

718	4-Step Motor Pulley, 1.750, 2.230, 2.700 and 3.150 OD. (½", ⅝" or ¾" bore).	1½
720	4-Step Arbor Pulley, 3.150, 3.620, 4.060 and 4.500 OD. (½", ⅝" or ¾" bore).	1¾
932	4-Step Pulley (½", ⅝" or ¾" bore). 2.500, 3.156, 3.875 and 4.500 OD.	2
985	4-Step Pulley (½", ⅝" or ¾" bore). 2.156, 3.109, 4.250 and 5.250 OD.	2
5200	2" Diameter Pulley (½, ⅝ or ¾" bore).	½
5225	2¼" Diameter Pulley (½, ⅝ or ¾" bore).	½
5250	2½" Diameter Pulley (½, ⅝ or ¾" bore).	½
5275	2¾" Diameter Pulley (½, ⅝ or ¾" bore).	½
5300	3" Diameter Pulley (½, ⅝ or ¾" bore).	¾
5350	3½" Diameter Pulley (½, ⅝ or ¾" bore).	¾
5400	4" Diameter Pulley (½, ⅝ or ¾" bore).	¾
5450	4½" Diameter Pulley (½, ⅝ or ¾" bore).	1
5500	5" Diameter Pulley (½, ⅝ or ¾" bore).	1½
5550	5½" Diameter Pulley (½, ⅝ or ¾" bore).	1¾
5600	6" Diameter Pulley (½, ⅝ or ¾" bore).	1½
5650	6½" Diameter Pulley (½, ⅝ or ¾" bore).	1½
5700	7" Diameter Pulley (½, ⅝ or ¾" bore).	2
5710	7½" Diameter Pulley with ⅜" x ⅜" keyway, ¾" bore. (For #1340 Wood Shaper).	2
5800	8" Diameter Pulley (½, ⅝ or ¾" bore).	2
6100	10" Diameter Pulley (½, ⅝ or ¾" bore).	4
6200	12" Diameter Pulley (½, ⅝ or ¾" bore).	4½

SANDING DRUMS AND SLEEVES

679	1½" Diameter x 1" Sanding Drum, ⅝" shank with one sleeve.	¾
680	2⅝" Diameter x 1" Sanding Drum, ⅝" shank with one sleeve.	½
681	3" Diameter x 1" Sanding Drum, ⅝" shank with one sleeve.	¾
682	1½" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
683	1½" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
684	2⅝" x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
685	2⅝" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
686	3" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
687	3" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
830	3" Diameter x 3" Sanding Drum with one sleeve, ½" hole. Fits ½" shaft.	2
831	3" x 3" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	½
832	3" x 3" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	¼
833	3" x 3" Sleeves, aluminous oxide for metal, 50 grit. (Pkg. of 6).	¼
835	1¾" Diameter x 2" Sanding Drum with one sleeve, ½" hole.	½
836	1¾" x 2" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	¼

Cat. No.s	Description	Ship. Wt. Lbs.
(Sanding Drums and Sleeves Continued)		
837	1 1/4" x 2" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	1/4
838	1 1/4" x 2" Sleeves, coarse aluminous oxide, 50 grit. (Pkg. of 6).	1/4
840	1 1/4" Diameter x 2 1/2" Sanding Drum with one sleeve, 1/2" shaft.	1/2
841	1 1/4" x 2 1/2" Sleeves, medium garnet, 50 grit for #711 and #840. (Pkg. of 6).	1/4
842	1 1/4" x 2 1/2" Sleeves, fine garnet, 80 grit for #711 and #840. (Pkg. of 6).	1/4
847	1 1/4" x 2 1/2" Sleeves, aluminous oxide, 50 grit for #711 and #840. (Pkg. of 6).	1/4
11-834	Auxiliary Shaft, steel, 1/2" x 2 1/2" with flat entire length for use with #974 Spindle on 11" and 14" Drill Presses and 32" Radial Drill Press.	1/4
33-278	3" x 3" Abrasive Drum. Fits 5/8"-18 L.H. threaded shaft.	2 1/2
33-279	1 1/4" x 2" Abrasive Drum. Fits 5/8"-18 L.H. threaded shaft.	1 1/4

10" HOMECRAFT BAND SAW

28-100	10" Band Saw with Wheel Guards, Arbor Pulley, #28-803 1/4" Saw Blade and Wrenches.	58
All Inclusive Catalog Numbers		
28-101	10" Band Saw complete, includes #28-100 Saw, #50-328 Stand, #62-413 1/2 HP Motor, #5275 Motor Pulley, #49-130 V-belt and #1334 Switch Rod.	128
Motors and Controls for Single Phase Operation		
1334	Switch Rod with mounting parts with steel stand. Fits toggle switch of single phase and DC motors.	1 1/2
62-413	Motor, 1/2 HP, 1725 RPM, 115 V, 60 cycle.	30
Accessories		
882	Lamp Attachment.	1 1/2
5275	2 1/4" Diameter Pulley (1/2, 5/8 or 3/4" bore).	1/2
28-801	Blade, 1/8" x 71 3/4" long, 6 teeth per inch for 10" Homecraft Band Saw.	1
28-802	Blade, 3/16" x 71 3/4" long, 6 teeth per inch for 10" Homecraft Band Saw.	1
28-803	Blade, 1/4" x 71 3/4" long, 6 teeth per inch for 10" Homecraft Band Saw.	1
28-804	Blade, 5/16" x 71 3/4" long, 5 teeth per inch for 10" Homecraft Band Saw.	1
28-810	Sanding Attachment for 10" and 14" Band Saws, consisting of flat and curved platens with guides and mounting bracket.	1
28-811	5 Garnet Belts, fine, 80 grit, 1/2" x 70" long for 10" Homecraft Band Saw.	1
28-812	5 Garnet Belts, medium, 40 grit, 1/2" x 70" long for 10" Homecraft Band Saw.	1
49-130	V-belt, 58 1/8" OC.	1
49-363	Retractable Caster Set to fit #50-328 steel stand.	12
50-328	Steel Stand for 10" Band Saw.	25
Obsolete Homecraft Blades		
732	Band Saw Blade, 1/8" wide, 66" long.	3/4
733	Band Saw Blade, 3/16" wide, 66" long.	3/4
734	Band Saw Blade, 1/4" wide, 66" long.	3/4
736	Band Saw Blade, 5/16" wide, 66" long.	3/4
770	Band Saw Blade, 1/8" wide, 74" long.	5/8
771	Band Saw Blade, 3/16" wide, 74" long.	5/8
772	Band Saw Blade, 1/4" wide, 74" long.	5/8
773	Band Saw Blade, 5/16" wide, 74" long.	5/8
774	Band Saw Blade, 1/4" wide, 74" long.	5/8
781	Band Saw Blade, 1/4" wide, 66" long.	3/4

14" BAND SAW

28-290	14" Wood Cutting Band Saw with wheel guards, #5600 arbor pulley, and #1034 wood cutting blade. Without stand, motor, switch, motor pulley or V-belt.	148
28-295	14" Wood Cutting Band Saw. Same as #28-290 except with #886 cast iron stand, #883 belt guard, #49-173 V-belt and #5275 motor pulley (specify 1/2, 5/8 or 3/4" bore). Without motor or switch. Requires #132 switch for single phase or DC motor.	265
28-297	14" Wood Cutting Band Saw. Same as #28-290 except with #50-891 steel stand, #883 belt guard, #49-173 V-belt and #5275 motor pulley (specify 1/2, 5/8 or 3/4" bore). Without motor or switch rod.	187
All Inclusive Catalog Numbers		
28-211	14" Wood Cutting Band Saw complete for single phase operation. Includes #28-295 band saw with cast iron stand, #62-680 motor and #132 switch.	304
28-213	14" Wood Cutting Band Saw complete for 3 phase operation. Includes #28-295 band saw with cast iron stand, #66-340 motor and #1320 starter (specify voltage).	300
28-221	14" Wood Cutting Band Saw complete for single phase operation. Includes #28-297 band saw with steel stand, #62-680 motor and #1334 switch rod.	225
28-223	14" Wood Cutting Band Saw complete for 3 phase operation. Includes #28-297 band saw with steel stand, #66-340 motor and #1320 starter (specify voltage) and #49-318 mounting bracket.	225

Cat. No.	Description	Ship. Wt. Lbs.
Motors and Controls for Single Phase Operation		
132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to 1½ HP, AC-DC, 125-250 V.	1½
1334	Switch Rod with mounting parts for steel stand. Fits toggle switch or single phase and DC motors.	1½
62-110	Motor, ¼ HP, 1725 RPM, 115/230 V, 60 cycle.	29
62-680	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	30
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on 14" Utility, 15" and 17" Single and Multiple Spindle Drill Presses (not Power Feed Models). Also 14" super-hi Single Spindle Drill Press and steel stands. Used with #1320, #49-393, #49-394, #49-395, #49-396 and #49-397 starters and #49-365 Overload Switch.	3
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
66-120	Motor, ¼ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	24
66-340	Motor, ½ HP, 1425-1725 RPM 208-220-440 V, 50/60 cycle.	25

14" METAL-WOOD CUTTING BAND SAW

28-380	14" Metal-Wood Cutting Band Saw with wheel guards, 7" diameter arbor pulley for wood cutting, #720 4-step arbor pulley, ¾" bore, for metal cutting and #1062 metal cutting blade. Without stand, motor, switch, motor pulley or V-belts.	165
28-385	Same as #28-380 except with #886 cast iron stand, #883 belt guard, #49-111 (set of two) matched V-belts and #718 4-step motor pulley (specify ½, ⅝ or ¾" bore). Without motor or switch. Requires #132 switch for single phase or DC motor.	292
28-387	Same as #28-380 except with #50-891 steel stand, #883 belt guard, #49-111 (set of two) matched V-belts and #718 4-step motor pulley (specify ½, ⅝ or ¾" bore). Without motor or switch rod.	214

Note: To obtain all eight available blade speeds, ¾" bore must be specified for motor pulley #718. A ½" or ⅝" bore motor pulley #718 cannot be interchanged with ¾" bore arbor pulley #720 as required to obtain blade speeds of 160, 220 or 335 RPM.

All Inclusive Catalog Numbers

28-311	14" Metal-Wood Cutting Band Saw complete for single phase operation. Includes #28-387 band saw with steel stand, #82-710 motor and #1334 switch rod.	264
28-313	14" Metal-Wood Cutting Band Saw complete for 3 phase operation. Includes #28-387 band saw with steel stand, #86-520 motor, #1320 starter (specify voltage) and #49-318 mounting bracket.	267
28-321	14" Metal-Wood Cutting Band Saw complete for single phase operation. Includes #28-385 band saw with cast iron stand, #82-710 motor and #132 switch.	343
28-323	14" Metal-Wood Cutting Band Saw complete for 3 phase operation. Includes #28-385 band saw with cast iron stand, #86-520 motor and #1320 starter (specify voltage).	342

Motors and Controls for Single Phase Operation

132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to 1½ HP, AC-DC, 125-250 V.	1½
1334	Switch Rod with mounting parts for steel stand. Fits toggle switch of single phase and DC motors.	1½
82-710	Motor, ½ HP, 1725 RPM, 115/230 V, 60 cycle.	52

For Three-Phase Operation

1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters on 14" Utility, 15" and 17" Single and Multiple Spindle Drill Presses (not Power Feed Models). Also 14" super-hi Single Spindle Drill Press and steel stands. Used with #1320, #49-393, #49-394, #49-395, #49-396 and #49-397 starters and #49-365 Overload Switch.	3
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
86-520	Motor, ½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	44

20" WOOD CUTTING BAND SAW

28-350	20" Wood Cutting Band Saw with welded steel frame, sealed-for-life ball bearings, foot brake, dust chute, fully adjustable upper and lower blade guides, saw tension indicator, tilt table, pivoted motor bracket, 7" OD machine pulley and one #28-877 ⅝" wide saw blade. Without V-belts, motor pulley, miter gage, rip fence attachment, motor and switch.	612
--------	--	-----

Cat. No.	Description	Ship. Wt. Lbs.
All-Inclusive Catalog Number		
28-352	20" Wood Cutting Band Saw, Direct Drive, complete for single phase operation. Includes 20" band saw, steel frame, foot brake, dust chute, upper and lower blade guides, saw tension indicator, tilt table, and one #28-877 $\frac{3}{8}$ " wide saw blade. Lower wheel directly connected to a 1 HP, single phase, 115/230 V, 50 to 60 cycle, 720/900 RPM motor, installed and wired, with #1320 overload push button starter (specify voltage).	720
28-361	20" Wood Cutting Band Saw, Belt Drive, complete for single phase operation. Includes #28-350 band saw, #83-560 1 HP motor and remote on and off control switch for 230 V, 60 cycle. . . .	757
28-363	20" Wood Cutting Band Saw, Belt Drive, complete for 3 phase operation. Includes #28-350 band saw, #86-920 1 HP motor and #1320 manual starter (specify voltage).	683
Motors and Controls for Single Phase Operation		
132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to $1\frac{1}{2}$ HP, AC-DC, 125-250 V.	$1\frac{1}{2}$ 70
83-510	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	
For Three-Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-315	3-Wire armored cable connection from "motor to switch" of 3 phase motors. Complete with necessary clamp fittings. (Can also be used for single phase and DC power and ground connections).	1
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6 44
86-920	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	52
87-120	Motor, $1\frac{1}{2}$ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	

20" METAL-WOOD VARIABLE SPEED BAND SAW

28-366	20" Metal-Wood Band Saw complete for single phase operation. Includes standard equipment (motor and motor control, variable speed drive complete with belts, motor pulley, chip blower with air line and counterbalance for upper guide, receptacle box for lamp and blade welder, mechanical wheel brake, chip chute, chip removal brushes (2), blade and speed selection chart, blade ($\frac{1}{2}$ " , 18 teeth, metal cutting) and 1 HP motor, on-and-off to toggle switch, 8 foot grounding cord with 3-prong tandem blade plug. Motor and switch are mounted and wired, ready to plug in on 230 V, 60 cycle.	790
28-367	20" Metal-Wood Band Saw complete for 3 phase operation. Includes standard equipment, 1 HP motor and manual starter with overload protection. Motor and starter are mounted with starter wired to motor for operation on 208-220 V, 60 cycle.	777
28-368	20" Metal-Wood Band Saw for 3 phase operation. Includes standard equipment, 1 HP motor and manual starter with overload protection. Motor and starter are mounted with starter wired to motor for operation on 440 V, 60 cycle.	759
28-370	20" Metal-Wood Band Saw for 3 phase operation. Includes standard equipment, 1 HP motor, magnetic starter with low-voltage, no-voltage and overload protection. Motor and starter are mounted with starter wired to motor for operation on 208-220 V, 60 cycle.	759
28-371	20" Metal-Wood Band Saw for 3 phase operation. Same as #28-370 except wired for 440 V, 60 cycle operation.	759
28-373	20" Metal-Wood Band Saw for 3 phase operation. Same as #28-367 except with $1\frac{1}{2}$ HP motor.	782
28-374	20" Metal-Wood Band Saw for 3 phase operation. Same as #28-368 except with $1\frac{1}{2}$ HP motor.	763
28-376	20" Metal-Wood Band Saw for 3 phase operation. Same as #28-370 except with $1\frac{1}{2}$ HP motor.	763
28-377	20" Metal-Wood Band Saw for 3 phase operation. Same as #28-371 except with $1\frac{1}{2}$ HP motor.	763

ACCESSORIES FOR BAND SAWS

14" Band Saws		
882	Lamp Attachment.	$1\frac{1}{2}$
883	Belt Guard for 14" Band Saw Units.	11
886	Cast Iron Stand for 14" Band Saws.	112
894	Height Attachment increases capacity from $6\frac{1}{4}$ " to $12\frac{1}{4}$ ".	15
1032	Band Saw Blade, $\frac{1}{8}$ " wide, $93\frac{1}{2}$ " long, 6 teeth per inch.	1
1033	Band Saw Blade, $\frac{3}{16}$ " wide, $93\frac{1}{2}$ " long, 6 teeth per inch.	1
1034	Band Saw Blade, $\frac{1}{4}$ " wide, $93\frac{1}{2}$ " long, 6 teeth per inch.	1
1036	Band Saw Blade, $\frac{3}{8}$ " wide, $93\frac{1}{2}$ " long, 5 teeth per inch.	1
1038	Band Saw Blade, $\frac{1}{2}$ " wide, $93\frac{1}{2}$ " long, 5 teeth per inch.	1
1040	Band Saw Blade, $\frac{3}{4}$ " wide, $93\frac{1}{2}$ " long, 4 teeth per inch.	1
1045	Band Saw Blade, $\frac{1}{8}$ " wide, 105" long, 6 teeth per inch.	$1\frac{1}{8}$
1046	Band Saw Blade, $\frac{3}{16}$ " wide, 105" long, 6 teeth per inch.	$1\frac{1}{8}$
1047	Band Saw Blade, $\frac{1}{4}$ " wide, 105" long, 6 teeth per inch.	$1\frac{1}{8}$
1048	Band Saw Blade, $\frac{3}{8}$ " wide, 105" long, 5 teeth per inch.	$1\frac{1}{8}$
1050	Band Saw Blade, $\frac{1}{2}$ " wide, 105" long, 5 teeth per inch.	$1\frac{1}{8}$
1052	Band Saw Blade, $\frac{3}{4}$ " wide, 105" long, 4 teeth per inch.	$1\frac{1}{8}$
1058	Metal Cutting Band Saw Blade, $\frac{1}{2}$ " wide, $93\frac{1}{2}$ " long, 10 teeth per inch.	1
1060	Metal Cutting Band Saw Blade, $\frac{1}{2}$ " wide, $93\frac{1}{2}$ " long, 14 teeth per inch.	1

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for 14" Band Saws Continued)		
1062	Metal Cutting Band Saw Blade, ½" wide, 93½" long, 18 teeth per inch.	1
1064	Metal Cutting Band Saw Blade, ½" wide, 93½" long, 24 teeth per inch.	1
28-810	Sanding Attachment, consists of flat and curved platens with guides and mounting bracket.	1
28-836	5 Garnet Belts, fine 80 grit, ½" wide, 91" long.	1
28-837	5 Garnet Belts, medium, 40 grit, ½" wide, 91" long.	1
28-843	Rip Gage Attachment with 18" bars and mounting screws.	8
28-845	Rip Gage Attachment with 32" bars and mounting screws.	10
28-884	Band Saw Blade, Skiptooth, ¼" wide, 93½" long, 6 teeth per inch.	1
28-885	Band Saw Blade, Skiptooth, ⅜" wide, 93½" long, 4 teeth per inch.	1
28-886	Band Saw Blade, Skiptooth, ½" wide, 93½" long, 4 teeth per inch.	1
28-887	Band Saw Blade, Skiptooth, ¾" wide, 93½" long, 4 teeth per inch.	1
49-363	Retractable Caster Set to fit #50-891 steel stand.	12
50-891	Steel Stand.	25
20" Band Saws		
28-862	Fence Attachment for 20" band saw. Includes 2½" x 27" Micro-Set fence with front and rear locks, two 44" tubular guide rails and mounting screws.	30
28-875	Band Saw Blade, ⅜" wide, 141" long, 5 teeth per inch.	3
28-876	Band Saw Blade, ¼" wide, 141" long, 5 teeth per inch.	3
28-877	Band Saw Blade, ⅜" wide, 141" long, 5 teeth per inch.	3
28-878	Band Saw Blade, ½" wide, 141" long, 4 teeth per inch.	3
28-879	Band Saw Blade, ¾" wide, 141" long, 4 teeth per inch.	3
28-880	Band Saw Blade, 1" wide, 141" long, 4 teeth per inch.	3
28-881	Band Saw Blade, ¾" wide, 141" long, (for resawing) 3 teeth per inch.	3
28-882	Band Saw Blade, 1" wide, 141" long, (for resawing) 2 teeth per inch.	3
28-890	Band Saw Blade, Skiptooth, ¼" wide, 141" long, 4 teeth per inch.	3
28-891	Band Saw Blade, Skiptooth, ⅜" wide, 141" long, 4 teeth per inch.	3
28-892	Band Saw Blade, Skiptooth, ½" wide, 141" long, 4 teeth per inch.	3
28-894	Band Saw Blade, Skiptooth, ¾" wide, 141" long, 3 teeth per inch.	2
28-896	Band Saw Blade, Skiptooth, 1" wide, 141" long, (for resawing) 2 teeth per inch.	3
20" Wood Cutting Band Saw		
28-353	20" Band Saw Lower Wheel with Jiffy Tire.	14
28-354	20" Band Saw Upper Wheel with Jiffy Tire.	13
28-355	Jiffy Tire only for 20" Band Saw.	3
41-504	Motor pulley, ¾".	½
41-505	Motor pulley, ⅞".	½
20" Metal-Wood Band Saw		
25-857	Lamp Attachment with 15" flexible gooseneck. Includes nylon shield, mounting bracket, switch and 8-foot cord with 2-prong plug.	2
28-355	Jiffy Tire only for 20" Band Saw.	3
28-865	Band Saw Blade, ½" wide, 141" long, 10 teeth per inch.	1
28-866	Band Saw Blade, ½" wide, 141" long, 14 teeth per inch.	1
28-867	Band Saw Blade, ½" wide, 141" long, 18 teeth per inch.	1
28-868	Band Saw Blade, ½" wide, 141" long, 24 teeth per inch.	1
28-870	Chip Blower, Air Line and Nozzle. For Delta double shaft 8½" frame motors only. Installed. ..	2
41-924	Motor Pulley for 20" Metal-Wood Band Saw, ¾" bore.	2
41-925	Motor Pulley for 20" Metal-Wood Band Saw, ⅞" bore.	2
41-926	Motor Pulley for 20" Metal-Wood Band Saw, 1" bore.	2
49-163	V-belt, 31½" OC.	½
49-164	V-belt, 52½" OC.	½
14" and 20" Band Saws		
864	Miter Gage (Auto-Set), ⅜" x ¼" Bar, less stop rods, for Shapers, Circular Saws, Finishing Machines and Band Saws.	4
865	Miter Gage Clamp Attachment. Fits #864 Miter Gage.	2¼
873	Clamp Screw for #865 Clamp Attachment.	1
28-460	Blade Welder, 115 V, 50/60 cycle, single phase. Includes blade shear, grinder with guard, thickness gage, carrying handle, brackets for bench mounting and 8 foot grounding cord with 3-prong parallel blade plug.	72
28-461	Blade Welder, 230 V, 50/60 cycle, single phase. Same as #28-460 except has 3-prong tandem- blade plug and receptacle.	72
28-462	Welder Bracket for mounting #28-460 or #28-461 Blade Welder to frame of 20" Metal-Wood Band Saw only.	21
49-302	Stop Rods for #864 Miter Gage, ⅜" diameter with two clamps and two screws.	½

HOMECRAFT 8" TILTING TABLE CIRCULAR SAW

34-110	8" Tilting Table Circular Saw complete with Rip Fence, #34-903 Miter Gage, 2½" Arbor Pulley, #34-900 Saw Guard and Splitter with Anti-Kickback Fingers and #325 8" Combination Blade.	76
All Inclusive Catalog Number		
34-111	8" Tilting Table Circular Saw complete with #34-110 Tilting Table Saw with #50-329 Stand, #62-653 ½ HP Motor, #5500 Motor Pulley, #595 V-belt and #1330 Switch Rod.	145

Cat. No.	Description	Ship. Wt. Lbs.
Motor for Single Phase Operation		
62-653	Motor, ½ HP, 1725 RPM, 115 V, 60 cycle.	37
Accessories (See also: Page 47)		
595	V-belt, 62½" OC.	¾
871	Hold Down Attachment for Homecraft Circular Saw.	4
1330	Switch Rod to fit #34-110 8" and 10" Tilting Table Circular Saws.	1½
5500	5" Diameter Pulley (½, ⅝ or ¾" bore).	1½
34-826	Dado Head Table Insert for #34-260 Saw.	2
34-827	Moulding Cutter Insert for #34-260 Saw.	2
34-831	Blade Guard and Splitter for #34-260 Saw.	8
34-863	Swing Guard with bracket, support rod, pivot arms, guard basket, collars and screws for #34-160 Saw.	9
34-866	Table Extension with 32" rip gage guide bars, long rip fence, nuts and bolts for #34-160 Saw.	22
34-870	Standard Insert for #34-160 Saw.	2
34-872	Moulding Cutter Table Insert for #34-160 Saw.	2
34-874	Dado Head Table Insert for #34-160 Saw.	2
34-877	Splitter and Kickback fingers for #34-160 Saw.	3
34-900	Blade Guard and splitter for #34-110 Circular Saw.	2
34-903	Miter Gage for #34-110 Circular Saw.	3
49-363	Retractable Caster Set to fit #50-329 steel stand.	12
50-306	Steel Stand with Dust Chute for 8" Tilting Table Saw and 4" Jointer Combination.	35
50-329	Steel Stand for #28-110 Band Saw, #34-110 Saw and #34-160 Saw.	25

9" TILTING ARBOR SAW

34-600	9" Tilting Arbor Bench Saw with rip fence, #33-196 combination blade, #864 miter gage, front graduated guide bar, rear guide bar, #34-661 table insert, arbor pulley and motor to switch cord. Without motor, motor pulley and V-belt, stand, splitter-mounted guard and extension wings.	83
--------	--	----

All Inclusive Catalog Numbers

34-611	9" Tilting Arbor Circular Saw complete for single phase operation. Includes #34-600 saw, #62-253 ¾ HP motor, #49-152 V-belt, #5250 motor pulley (specify ⅝" bore), #34-671 splitter-mounted guard, #34-974 pair of extension wings and #50-810 steel stand.	201
34-612	9" Tilting Arbor Circular Saw complete for single phase operation. Same as #34-611 but with #62-273 1 HP motor.	204

Motors for Single Phase Operation

62-253	Motor, ¾ HP, 3450 RPM, 115 V, 60 cycle.	31
62-273	Motor, 1 HP, 3450 RPM, 115 V, 60 cycle.	34

Accessories (See also: Page 47)

864	Miter Gage (Auto-Set), ⅜" x ¾" Bar, less stop rods, for Shapers, Circular Saws, Finishing Machines and Band Saws.	4
865	Miter Gage Clamp Attachment. Fits #864 Miter Gage.	2¼
873	Clamp Screw for #865 Clamp Attachment.	1
5250	2½" Diameter Pulley (½, ⅝ or ¾" bore).	½
34-661	9" Tilting Arbor Saw Standard Table Insert.	2
34-671	9" Tilting Arbor Saw super-safe blade guard.	9
34-974	Table Extension (multi-color) for 9" Tilting Arbor Saw.	22
34-975	Belt Guard for 9" Tilting Arbor Saw.	3
49-152	V-belt, 36½" OC.	½
49-302	Stop Rods for #864 Miter Gage, ⅝" diameter with two clamps and two screws.	½
49-362	Retractable Caster Set to fit #50-810 steel stand.	12
50-810	Steel Stand, 21½" high, top 15" x 15" for #34-500 Saw (see #49-362).	32

10" TILTING ARBOR SAW

34-425	10" Tilting Arbor Bench Saw with Micro-Set rip fence. #1015 combination blade, #864 miter gage, #1451 table insert, front graduated guide bar, rear guide bar, motor shaft extension, motor pulley, belt guard and #49-160 V-belt. Without motor and switch.	173
--------	---	-----

All Inclusive Catalog Numbers

34-431	10" Tilting Arbor Bench Saw complete for single phase operation. Includes #34-425 saw with #50-315 steel stand, #34-875 splitter-mounted guard, #83-311 1 HP motor and #34-881 manual control switch and wiring kit.	302
34-433	10" Tilting Arbor Bench Saw complete for 3 phase operation. Same as #34-431 except with #86-921 1 HP motor, #34-882 manual control switch and wiring kit, #49-365 overload switch and #49-318 mounting bracket.	296

Motors and Controls for Single Phase Operation

34-881	Manual Control Push Button Switch Kit, 2-pole type switch for use with single phase and DC motors up to 1 HP, AC-DC, 125 V and 1½ HP, AC-DC 250 V. Kit includes switch, 4 wire cable, and wiring diagram.	3
--------	--	---

Cat. No.	Description	Ship. Wt. Lbs.
(Motors and Controls Continued)		
83-311	Motor, 1 HP, 3450 RPM, 115/230 V, 60 cycle.....	51
83-411	Motor, 1½ HP, 3450 RPM, 115/230 V, 60 cycle.	61
For Three-Phase Operation		
34-882	Manual Control Push Button Switch Kit, switch is 3-pole type for use with 3 phase motors up to 2 HP, 208-550 V. Kit includes switch, 2-wire cable, and wiring diagram.	3
34-883	Manual Control Push Button Switch Kit. Includes wiring diagram and instructions for connecting #86-921 motor, the magnetic control switch and #49-396 or #49-397 Magnetic Starter on 10" Tilting Arbor Bench Saw.	3
49-318	Mounting Bracket for mounting overload switch. Used with #1320, #49-393, #49-394, #49-395, #49-396 and #49-397 starters and #49-365 Overload Switch.	3
49-365	Overload Switch, 3-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. (To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.)	3
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
86-921	Motor, 1 HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	50
87-121	Motor, 1½ HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	43
Accessories (See also: Page 47)		
1451	Standard Table Insert.	1¾
34-875	Saw Guard and splitter for #34-425 saw.	3
49-364	Retractable Caster Set.	13
50-315	Steel Stand, 24" high with top 20" x 22½".	50
10" UNISAW		
34-450	10" Tilting Arbor Unisaw for 60 cycle service, Jet-Lock rip fence, #1015 combination blade, #34-884 miter gage, front graduated guide bar, rear guide bar, #1451 table insert, #49-208 motor pulley and #49-124 set of 3 matched V-belts. Without motor, switch, guard, splitter and extension wings.	279
34-451	10" Tilting Arbor Unisaw. Same as #34-450 but with #1455 pair of side extension wings and #34-471 Super-Safe, splitter-mounted guard. Without motor and switch.	336
All Inclusive Catalog Numbers		
34-421	10" Tilting Arbor Unisaw complete for single phase operation. Includes #34-451 Unisaw, #85-110 1½ HP motor and toggle switch.	422
34-422	10" Tilting Arbor Unisaw complete for 3 phase operation. Includes #34-451 Unisaw, #87-210 2 HP Motor and Toggle Switch.	403
34-423	10" Tilting Arbor Unisaw complete for 3 phase operation. Includes #34-451 Unisaw, #87-310 2 HP motor, #1320 starter (specify voltage) and #1459 mounting parts.	414
Motors and Controls for Single Phase Operation		
85-110	Motor, 1½ HP, 3450 RPM, 115/230 V, 60 cycle.	78
For Three Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
1459	Mounting parts for #1320 manual starter on Unisaw.	2
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
85-010	Motor, 1 HP, 1725 RPM, 115/230 V, 60 cycle.	57
87-010	Motor, 1 HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	62
87-210	Motor, 1½ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	60
87-310	Motor, 2 HP, 2850-3450 RPM, 208-220/440 V, 50/60 cycle.	71
Accessories (See also: Page 47)		
281	Matched set of 3 V-belts for use with 50 cycle, 1725 RPM motors on Unisaw.	¾
1449	Motor Pulley for Unisaw to be used with 1725 RPM motors.	3
1451	Standard Table Insert.	1¾
1454	Motor Cover for Unisaw.	25
1455	Pair of Extension Wings (36" x 27") for Unisaw.	54
34-471	Saw Guard, Super-Safe, Swing-Type, Splitter-Mounted for Unisaw.	12
34-472	Long Guide Bars for Unisaw, permits ripping up to 50".	20
34-884	Miter Gage for T-slot groove.	5
49-208	Motor Pulley, 3 groove, for #3450 RPM motors for Unisaw.	10

Cat. No.	Description	Ship. Wt. Lbs.
12" TILTING ARBOR SAW		
34-350	12" Tilting Arbor Saw with welded steel cabinet, 38" x 48" table (including two table extensions), motor mounting plate, motor cover, #34-925 miter gage, rip fence, guide rails, #34-835 blade guard, splitter with anti-kickback fingers, #33-197 combination blade, #49-150 set of 4 matched V-belts and motor pulley, 1" bore. Without motor and starter.	816
All Inclusive Catalog Numbers		
34-351	12" Tilting Arbor Saw complete for 3 phase operation. Includes #34-350 saw, #98-321 5 HP motor, mounted and wired for 220 V., 60 cycle operation, and magnetic starter.	937
34-352	12" Tilting Arbor Saw complete for 3 phase operation. Includes #34-350 saw, #98-321 5 HP motor, mounted and wired for 440 V, 60 cycle operation, and magnetic starter.	937
34-370	12" Tilting Arbor Saw complete for single phase operation. Includes #34-350 saw, #98-111 3 HP motor installed and wired for 115 V operation and magnetic starter.	964
34-371	12" Tilting Arbor Saw complete for single phase operation. Same as #34-370 except with 230 V motor.	964
Motors and Controls for Single Phase Operation		
49-325	Magnetic Starter, single phase, size 1 p, NEMA Type 1 enclosure, rated 3 HP, 115 V; 5 HP, 230 V; 60 cycle, AC. Supplied with start and stop-reset buttons.	5
98-111	Motor, 3 HP, 3450 RPM, 115/230 V, 60 cycle.	147
For Three Phase Operation		
49-381	Magnetic Starter, 3 phase, size 1, NEMA Type 1 enclosure, rated 7½ HP, 208-220 V, 60 cycle, AC. Supplied with start and stop and reset buttons.	7
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
98-321	Motor, 5 HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	133
Accessories (See also: Page 47)		
34-925	Auto-Set Miter Gage, complete with stop rods.	16
34-935	12" Tilting Arbor Saw Guard, Swing-Type.	16
34-938	Arbor Extension, 1½" diameter, with collar, to accommodate saws with 1½" arbor hole.	3
34-942	Arbor Extension, 1½" diameter, to accommodate dado and moulding cutterheads 1½" wide.	2
34-943	Arbor Extension, 1½" diameter, to accommodate dado and moulding cutterheads 2" wide.	2
34-947	Arbor Extension, 1" diameter, with collar, to accommodate saws with 1" arbor hole.	3
34-948	Arbor Extension, 1¼" diameter, with collar, to accommodate saws with 1¼" arbor hole.	3
34-949	Arbor Extension, 1" diameter, to accommodate 2" wide dado head, 1" bore.	4
34-950	Arbor Extension, 1¼" diameter, to accommodate 2" wide dado head, 1¼" bore.	4
34-952	Power Feed Attachment complete with auxiliary fence mounting sockets, eye shield, 2 rollers, 1 sprocket and variable speed motor.	267
49-150	V-belts, set of 4 matched, 28¾" OC.	2

14" TILTING ARBOR VARIETY SAW		
34-700	14" Tilting Arbor Variety Saw with welded steel cabinet, 48" x 38¾" table (including one #34-726 table extension), #34-729 safety guard with anti-kickback fingers and splitter, rip fence with micrometer adjustment, #34-727 miter gage, graduated guide bar, #49-132 set of four matched V-belts, #34-730 motor pulley (1" bore), #33-179 combination blade and #34-720 table insert. Without motor and starter.	706
34-701	14" Variety Saw complete for single phase operation. Same as #34-700 but with #98-161 3 HP, 230 V, 60 cycle, 3450 RPM motor, installed and wired, including magnetic starter with integral control station which provides 110 V control.	926
34-703	14" Variety Saw complete for 3 phase operation. Same as #34-701 but with #98-421 5 HP, 208-220/440 V, 60 cycle, 3450 RPM motor, installed and wired for 220 V operation.	
34-704	14" Variety Saw, complete for 3 phase operation. Same as #34-703 but supplied with 550 V, 60 cycle, 3 phase motor and controls, installed and wired for 550 V. operation.	816
34-705	14" Variety Saw, complete for single phase operation. Same as #34-701 but supplied with #98-421 5 HP, 208-220/440 V, 60 cycle, 3450 RPM motor and controls, installed and wired for 440 V. operation.	816
Accessories (See also: Page 47)		
34-720	Standard Table Insert.	316
34-722	Arbor Extension, 1" diameter, accommodates dado heads up to 2" wide.	2
34-723	Standard Arbor Extension, 1" diameter. Same as furnished with saw.	4
34-724	Arbor Extension, set of 2, 1½" diameter, one for saw blades, one for dado heads (up to 2" wide).	4
34-725	Arbor Extension, set of 2, 1¼" diameter, one for saw blades, one for dado heads (up to 2" wide).	4
34-726	Table Extension, 17½" wide. Same as furnished with machine. Makes table 65½" x 38¾", right or left side.	70
34-727	Miter Gage. Same as furnished with machine.	15
34-728	Miter Gage Yoke Assembly. For use with miter gage furnished with saw to form double miter gage assembly. Includes one miter gage and yoke.	19

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories Continued)		
34-729	Complete Safety Guard with Anti-Kickback Fingers and Splitter. Same as furnished with machine.	15
34-730	Motor Pulley, 1" bore.	3

ACCESSORIES FOR CIRCULAR SAWS

265	Moulding cutterhead, 4" diameter, $\frac{5}{8}$ " bore with $\frac{1}{2}$ " x $\frac{5}{8}$ " bushing, heavy duty solid steel type without wrench or knives.	3
325	8" Diameter Combination Blade with $\frac{5}{8}$ " Arbor Hole, 44 teeth.	1½
326	8" Diameter Hollow Ground Blade with $\frac{5}{8}$ " Arbor Hole.	1½
334	8" Diameter Rip Blade with $\frac{5}{8}$ " Arbor Hole.	1½
335	8" Diameter Cross Cut Blade with $\frac{5}{8}$ " Arbor Hole.	1½
865	Miter Gage Clamp Attachment. Fits #864 Miter Gage.	2¼
873	Clamp Screw for #865 Clamp Attachment.	1
1015	10" Diameter Combination Blade with $\frac{5}{8}$ " Arbor Hole, 44 teeth.	2
1016	10" Diameter Hollow Ground Blade with $\frac{5}{8}$ " Arbor Hole.	2
1017	10" Diameter Rip Blade with $\frac{5}{8}$ " Arbor Hole, 36 teeth.	2
1018	10" Diameter Cross Cut Blade with $\frac{5}{8}$ " Arbor Hole, 100 teeth.	2
1161	Dado Insert for #1160, 10" Tilting Table Circular Saw.	1½
1162	Moulding Cutter Insert for #1160, 10" Tilting Table Circular Saw.	1½
1163	Standard Insert for #1160, 10" Tilting Table Circular Saw.	1½
1165	Swing Guard for #1160, 10" Tilting Table Circular Saw.	1½
1166	Splitter with Anti-Kick Attachment for #1160, 10" Tilting Table Circular Saw.	2
1170	Tenoner for use with Sliding Jig.	20
1171	Spacing Collar Set (one $\frac{1}{4}$ " and one $\frac{3}{8}$ " collar), $\frac{5}{8}$ " bore.	1
1172	Tenoner complete with base plate.	31
1173	Belt Guard for #1160, 10" Tilting Table Circular Saw.	5
1176	Belt Guard for #1160, 10" Tilting Table Circular Saw on Combination Stand.	11
1452	Dado Insert for Unisaw and 10" Tilting Arbor Saw.	1¾
1453	Moulding Cutter Table Insert for Unisaw and 10" Tilting Arbor Saw.	1¾
1521	Wrench for Knife Screws on #265 moulding cutterhead.	$\frac{1}{8}$
33-174	Dado Head Set and Special Cutter, 10" Diameter, 1" Arbor Hole Consisting of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - $\frac{13}{16}$ " wide.	10
33-179	14" Diameter Combination Blade with 1" Arbor Hole.	5
33-180	14" Diameter Rip Blade with 1" Arbor Hole.	4
33-181	14" Diameter Cross Cut Blade with 1" Arbor Hole.	3
33-182	14" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	3
33-196	9" Diameter Combination Blade with $\frac{5}{8}$ " Arbor Hole.	1½
33-197	12" Diameter Combination Blade with 1" Arbor Hole.	1½
33-198	9" Diameter Rip Blade with $\frac{5}{8}$ " Arbor Hole.	1½
33-199	12" Diameter Rip Blade with 1" Arbor Hole.	1½
33-200	12" Diameter-Rip Saw Blade, 1" hole.	1½
33-202	12" Diameter Novelty Tooth Blade with 1" Arbor Hole.	1½
33-212	Dado Head Set and Special Cutter, 8" Diameter, $\frac{5}{8}$ " Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - $\frac{13}{16}$ " wide.	8
33-223	9" Diameter Cross Cut Blade with $\frac{5}{8}$ " Arbor Hole, 100 teeth.	2
33-224	9" Diameter Novelty Tooth Blade with $\frac{5}{8}$ " Arbor Hole.	1½
33-227	9" Diameter Hollow Ground Blade with $\frac{5}{8}$ " Arbor Hole, Mitre H.G.	1½
33-228	12" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	1½
33-246	12" Diameter Cross Cut Blade with 1" Arbor Hole.	3
33-270	8" Diameter Combination Blade, $\frac{1}{2}$ " Arbor Hole.	2
34-333	Dado Head Set and Special Cutter, 6" Diameter, $\frac{5}{8}$ " Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - $\frac{13}{16}$ " wide.	5
34-334	Dado Head Set and Special Cutter, 6" Diameter, $\frac{5}{8}$ " Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - $\frac{1}{16}$ " wide.	4
34-662	9" Tilting Arbor Saw Insert for use with moulding cutterhead.	1½
34-663	9" Tilting Arbor Saw special table insert for use with dado head.	1½
34-707	7" Diameter Circular Saw Blade for Plywood with $\frac{5}{8}$ " Arbor Hole, 200 teeth.	1
34-721	Dado Insert for 14" Variety Saw.	2
34-804	10" Diameter Novelty Tooth Blade with $\frac{5}{8}$ " Arbor Hole.	3
34-813	Heavy duty moulding cutter set for all circular saws with a $\frac{5}{8}$ " or $\frac{1}{2}$ " arbor. With #265 head, 4 sets of high speed steel knives #35-102, #35-103, #35-221, #35-222, bushing which allows use of cutterhead on saws with $\frac{5}{8}$ " or $\frac{1}{2}$ " arbors, and wrench.	8
34-821	Basic Moulding Cutter Set consisting of steel head #265 with set of knives, #35-102 wrench, #1321 and bushings $\frac{5}{8}$ " to $\frac{1}{2}$ ".	7
34-904	Standard Table Insert for #34-110 8" Circular Saw.	4
34-905	Dado Head Table Insert for #34-110 Circular Saw.	1
34-906	Moulding Cutterhead Insert for #34-110 Circular Saw.	1
34-930	12" Diameter Combination Blade with $1\frac{1}{8}$ " Arbor Hole, 14 gage, 44 teeth.	4
34-931	12" Diameter Rip Blade with $1\frac{1}{8}$ " Arbor Hole, 36 teeth.	3
34-932	12" Diameter Cross Cut Blade with $1\frac{1}{8}$ " Arbor Hole, 14 gage, 100 teeth.	3
34-933	12" Diameter Hollow Ground Blade with $1\frac{1}{8}$ " Arbor Hole, 12-14-12 gage, $3\frac{1}{2}$ " collar. (Modified Planer Saw).	3

(Accessories for Circular Saws Continued)

34-940	Dado Head Set and Special Cutter, 8" Diameter, 1 $\frac{1}{8}$ " Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - 1 $\frac{1}{16}$ " wide.	8
34-941	Moulding cutterhead, 6" diameter, 1 $\frac{1}{8}$ " bore with bushing, heavy duty solid steel type without wrench or knives.	12
34-945	Hardwood Table Insert for dado head and moulding cutterheads. For 12" Tilting Arbor Saw. ..	2
34-961	Circular Saw Table Insert for #34-500 Saw.	2
34-962	Moulding Cutterhead Table Insert for #34-500 Saw.	2
34-963	Dado Head Table Insert for #34-500 Saw.	22
34-964	Side Extension Wings, 22" x 5" pair for #34-500 Saw.	4
34-965	Belt Guard for #34-500 Saw.	10
34-966	Splitter Mounted Guard with Anti-Kickback fingers for #34-500 Saw.	
34-967	Super-Safe Blade Guard and Splitter complete with Anti-Kickback fingers for use on #34-500 Tilting Arbor Saw.	11
34-969	Insert for Saber Saw.	2
35-100	Moulding knives, $\frac{1}{2}$ " cove, $\frac{3}{16}$ " quarter round, set of 3.	$\frac{1}{4}$
35-101	Moulding knives, $\frac{5}{16}$ " cove, $\frac{3}{8}$ " bead, set of 3.	$\frac{1}{4}$
35-102	Moulding knives, $\frac{1}{8}$ " and $\frac{3}{8}$ " quarter round and $\frac{1}{4}$ " bead, set of 3.	$\frac{1}{4}$
35-103	Moulding knives, $\frac{1}{4}$ " and $\frac{1}{2}$ " quarter round, set of 3.	$\frac{1}{4}$
35-104	Moulding knives, straight, set of 3.	$\frac{1}{4}$
35-106	Moulding knives, 90° flute, set of 3.	$\frac{1}{4}$
35-110	Moulding knives, drawer joint, set of 3.	$\frac{1}{4}$
35-120	Moulding knives, Ogee, set of 3.	$\frac{1}{4}$
35-121	Moulding knives, window sash knife, set of 3.	$\frac{1}{4}$
35-123	Moulding knives, door moulding (male), set of 3.	$\frac{1}{4}$
35-126	Moulding knives, door moulding (female), set of 3.	$\frac{1}{4}$
35-131	Moulding knives, glue joint, set of 3.	$\frac{1}{4}$
35-190	Moulding knives, 3 bead ($\frac{3}{16}$ " bead), set of 3.	$\frac{1}{4}$
35-191	Moulding knives, 3 flute ($\frac{3}{16}$ " flute), set of 3.	$\frac{1}{4}$
35-192	Moulding knives, 3 bead ($\frac{1}{4}$ " bead), set of 3.	$\frac{1}{4}$
35-193	Moulding knives, 3 flute ($\frac{1}{4}$ " flute), set of 3.	$\frac{1}{4}$
35-194	Moulding knives, 5 flute ($\frac{1}{8}$ " flute), set of 3.	$\frac{1}{4}$
35-195	Moulding knives, 5 bead ($\frac{1}{8}$ " bead), set of 3.	$\frac{1}{4}$
35-196	Moulding knives, wedge tongue, set of 3.	$\frac{1}{4}$
35-197	Moulding knives, wedge groove, set of 3.	$\frac{1}{4}$
35-198	Moulding knives, table edge knife, set of 3.	$\frac{1}{4}$
35-200	Moulding knives, clover leaf screen moulding ($\frac{1}{2}$ " x $\frac{1}{16}$ "), set of 3.	$\frac{1}{4}$
35-201	Moulding knives, $\frac{1}{2}$ " flute knife, set of 3.	$\frac{1}{4}$
35-202	Moulding knives, $\frac{1}{2}$ " bead knife, set of 3.	$\frac{1}{4}$
35-204	Moulding knives, $\frac{3}{4}$ " flute knife, set of 3.	$\frac{1}{4}$
35-206	Moulding knives, Ogee R.H., set of 3.	$\frac{1}{4}$
35-208	Moulding knives, cope sash knife, set of 3.	$\frac{1}{4}$
35-209	Moulding knives, bead sash knife, set of 3.	$\frac{1}{4}$
35-211	Moulding knives, 1" flute, set of 3.	$\frac{1}{4}$
35-212	Moulding knives, $\frac{3}{8}$ " bead knife, set of 3.	$\frac{1}{4}$
35-213	Moulding knives, beaded screen, set of 3.	$\frac{1}{4}$
35-221	Moulding knives, thumb mould, set of 3.	$\frac{1}{4}$
35-222	Moulding knives, $\frac{1}{2}$ " cove and $\frac{1}{4}$ " flute, set of 3.	$\frac{1}{4}$
35-223	Moulding knives, Ogee, set of 3.	$\frac{1}{4}$
35-224	Moulding knives, $\frac{5}{8}$ " cove, set of 3.	$\frac{1}{4}$
35-225	Moulding knives, flute bead, quarter round and Ogee comb., set of 3.	$\frac{1}{4}$
35-226	Moulding knives, flute bead, quarter round and Ogee comb., set of 3.	$\frac{1}{4}$
35-227	Moulding knives, flute bead, quarter round and Ogee comb., set of 3.	$\frac{1}{4}$
35-228	Moulding knives, flute bead, set of 3.	$\frac{1}{4}$
35-229	Moulding knives, bed mould cutter, set of 3.	$\frac{1}{4}$
35-230	Moulding knives, pilaster fluting knife, set of 3.	$\frac{1}{4}$
35-233	Moulding knives, $\frac{3}{16}$ " flute knife, set of 3.	$\frac{1}{4}$
35-234	Moulding knives, $\frac{5}{16}$ " bead knife, set of 3.	$\frac{1}{4}$
35-235	Moulding knives, $\frac{3}{8}$ " flute knife, set of 3.	$\frac{1}{4}$
35-236	Moulding knives, $\frac{5}{8}$ " flute knife, set of 3.	$\frac{1}{4}$
35-237	Moulding knives, $\frac{5}{8}$ " bead knife, set of 3.	$\frac{1}{4}$
35-238	Moulding knives, $\frac{3}{4}$ " bead knife, set of 3.	$\frac{1}{4}$
35-241	Moulding knives, $\frac{1}{4}$ " tongue knife, set of 3.	$\frac{1}{4}$
35-242	Moulding knives, $\frac{1}{4}$ " groove knife, set of 3.	$\frac{1}{4}$
35-243	Moulding knives, Ogee knife, set of 3.	$\frac{1}{4}$
35-245	Moulding knives, oval sash, set of 3.	$\frac{1}{4}$
35-246	Moulding knives, oval cope, set of 3.	$\frac{1}{4}$
35-247	Moulding knives, door lip, set of 3.	$\frac{1}{4}$
49-360	Retractable Caster Set for use on Deltashop Stand #50-308.	3
49-362	Retractable Caster Set to fit #50-810 steel stand.	12
49-364	Retractable Caster Set for stands #50-315, #34-431, #50-320 and #37-605.	13
49-566	Carbide Coated Saw Sander, 8" x $\frac{1}{8}$ " thick with $\frac{5}{8}$ " Arbor Hole.	2
49-567	Carbide Coated Saw Sander, 9" x $\frac{1}{8}$ " thick with $\frac{5}{8}$ " Arbor Hole.	2 $\frac{1}{2}$
50-875	Raising Blocks for #50-361 Steel Stand.	10
50-891	Steel Stand for #1160 Circular Saw and 14" Band Saw (see #49-363).	25

Cat. No.	Description	Ship. Wt. Lbs.
HEMCRFT 9" TILTING ARBOR SAW, 4" JOINTER COMBINATION		
34-640	Saw-Jointer Combination Unit. Consists of #34-600 Tilting Arbor Saw, #37-110 Jointer, #37-113 Jointer Raising Block, #50-308 Stand, #49-188 V-belt and Pulley Group (#5225 Saw Pulley, #49-152 Saw Belt, #49-182 Jointer Pulley and #410 Jointer Belt), less guard and casters.	207
34-650	Deluxe Saw Jointer Combination Unit. Includes #34-600 9" Tilting Arbor Circular Saw, #37-290 4" Jointer, #37-293 Riser Block Package, #50-308 Steel Stand, and #49-185 V-belt and Pulley Group. Without motor and switch.	225
All Inclusive Catalog Numbers		
34-642	Saw-Jointer Combination Unit Complete. #34-600 9" Tilting Arbor Circular Saw, #37-110 4" Jointer, #37-113 Jointer Raising Block, #50-308 Stand, #49-188 V-belt and Pulley Group and #62-253 ¾ HP motor.	239
34-652	Deluxe Saw-Jointer Combination Unit. Same as #34-642 except with #37-290 Deluxe 4" Jointer, #37-293 Jointer Raising Block and #62-273 1 HP motor.	261
Accessories		
34-671	9" Tilting Arbor Saw Super-Safe Blade Guard.	9
49-360	Retractable Caster Set for use on Deltashop Stand #50-308.	3
Note: For complete listing of Accessories, see Circular Saw and Jointer Accessories.		
9" TILTING ARBOR SAW, 4" JOINTER COMBINATION		
34-650	9" Circular Saw, 4" Jointer Combination Unit. Includes #34-600 9" Tilting Arbor Circular Saw, #37-290 4" Jointer, #37-293 Riser Block Package, #50-308 Steel Stand, and #49-185 V-belt and Pulley Group. Without motor and switch.	225
All Inclusive Catalog Number		
34-652	9" Tilting Arbor Saw, 4" Precision Jointer Unit complete. Includes #34-650 saw-jointer unit on steel stand and #62-273 1 HP motor with on-and-off switch.	259
Motor for Single Phase Operation		
62-273	Motor, 1 HP, 3450 RPM, 115 V, 60 cycle.	34
Accessories		
34-671	9" Tilting Arbor Saw Super-Safe Blade Guard.	9
49-360	Retractable Caster Set for use on Deltashop Stand #50-308.	3
Note: For complete listing of Accessories, see Circular Saw and Jointer Accessories.		
10" TILTING ARBOR SAW, 6" JOINTER COMBINATION		
37-605	10" Circular Saw, 6" Jointer Combination Unit. Includes #34-425 10" Tilting Arbor Circular Saw with #34-875 Super-Safe splitter-mounted guard, #37-220 6" Ball Bearing Jointer, #50-320 steel stand, plus #34-880 accessory group composed of eccentric shaft, one single and one double pulley and two V-belts. Without motor and switch.	415
All Inclusive Catalog Numbers		
37-611	10" Tilting Arbor Saw, 6" Jointer complete for single phase operation. Includes #37-605 saw-jointer unit on steel stand, #83-311 1 HP motor and manual control switch and wiring kit.	469
37-613	10" Tilting Arbor Saw, 6" Jointer complete for 3 phase operation. Includes #37-605 saw-jointer unit on steel stand, #86-921 1 HP motor, #34-882 manual control switch and wiring kit, #49-365 overload switch and #49-318 mounting bracket.	467
Motors and Controls for Single Phase Operation		
34-881	Manual Control Push Button Switch Kit, 2-pole type switch for use with single phase and DC motors up to 1 HP, AC-DC, 125 V and 1½ HP, AC-DC, 250 V. Kit includes switch, 4-wire cable, and wiring diagram.	3
83-311	Motor, 1 HP, 3450 RPM, 115/230 V, 60 cycle.	56
83-411	Motor, 1½ HP, 3450 RPM, 115/230 V, 60 cycle.	60
For Three Phase Operation		
34-882	Manual Control Push Button Switch Kit, switch is 3-pole type for use with 3 phase motors up to 2 HP, 208-550 V. Kit includes switch, 2-wire cable and wiring diagram.	3
34-883	Magnetic Control Push Button Switch Kit. Includes wiring diagram and instructions for connecting #86-921 motor, the magnetic control switch and #49-396 or #49-397 Magnetic Starter on 10" Tilting Arbor Bench Saw.	3
49-318	Mounting Bracket for mounting overload switch, manual or magnetic starters.	3
49-365	Overload Switch, 2-pole type, rated single phase, 1½ HP, 115 V; 3 HP, 230 V, rated 3 phase; 5 HP, 208-550 V. (To assure that correct heater coils are supplied, specify motor number, RPM, phase and voltage when ordering.)	3
49-396	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	7
49-397	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with reset button only. Separate start-stop control station must be used.	6
86-921	Motor, 1 HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	45
87-121	Motor, 1½ HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	49

Cat. No.	Description	Ship. Wt. Lbs.
Accessories		
37-807	Rear Safety Knife Guard for Jointer.	1
49-364	Retractable Caster Set for #50-320 steel stand.	13
50-320	Steel Stand, 24" high with top 22" x 33 $\frac{3}{8}$ ".	72
Note: For complete listing of Accessories, see Circular Saw and Jointer Accessories.		

"SUPER 900" 9" RADIAL SAW

33-617	"Super 900" 9" Radial Saw, bench model, $\frac{3}{4}$ HP, 220 V, 3 phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 220 V operation.	191
33-618	"Super 900" 9" Radial Saw, bench model, $\frac{3}{4}$ HP, 440 V, 3 phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 440 V operation.	184
33-622	"Super 900" 9" Radial Saw with #33-630 steel stand, $\frac{3}{4}$ HP, 220 V, 3 phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 440 V operation.	220
33-623	"Super 900" 9" Radial Saw with #33-630 steel stand, $\frac{3}{4}$ HP, 440 V, 3 phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 440 V operation.	220
33-916	"Super 900" 9" Radial Saw, bench model, 1 HP, 115/230 V, single phase, 60 cycle. Supplied with single-pole toggle switch. Wired for 115 V operation.	189
33-921	"Super 900" 9" Radial Saw with #33-630 steel stand, 1 HP, 115/230 V, single phase, 60 cycle. Supplied with single-pole toggle switch. Wired for 115 V operation.	220
33-924	"Super 900" 9" Radial Saw, bench model, 1 HP, 115/230 V, single phase, 50 cycle. Supplied with single-pole toggle switch. Wired for 115 V operation.	189
33-925	"Super 900" 9" Radial Saw, bench model, $\frac{3}{4}$ HP, 220/380 V, 3 phase, 50 cycle. Supplied with 3-pole toggle switch. Wired for 220 V operation.	189
33-927	"Super 900" 9" Radial Saw with #33-630 steel stand, 1 HP, 115/230 V, single phase, 50 cycle. Supplied with single-pole toggle switch. Wired for 115 V operation.	220
Accessories		
33-630	Steel Stand for "Super 900" 9" Radial Saw.	30
49-359	Retractable Caster Set for #33-630 stand.	12
For a complete listing of Accessories See: Accessories for Radial Saws.		

10" PORTABLE RADIAL SAW

33-582	10" Portable Radial Saw, 1 $\frac{1}{2}$ HP, 115/230 V, single phase, 60 cycle. Supplied with 2-pole toggle switch. Wired for 230 V operation.	277
33-583	10" Portable Radial Saw, 2 HP, 220 V, 3 phase 60 cycle. Supplied with 3-pole toggle switch. Wired for 220 V operation.	279
33-584	10" Portable Radial Saw. Same as #33-583 except 440 V.	277
33-585	10" Portable Radial Saw, 2 HP, 208 V, 3 phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 208 V operation.	277
33-586	10" Portable Radial Saw. Same as #33-585 except 550 V.	283
33-587	10" Portable Radial Saw, 1 $\frac{1}{2}$ HP, 115/230 V, single phase, 50 cycle.	277
33-588	10" Portable Radial Saw, 2 HP, 380 V, 3 phase, 50 cycle.	283
33-589	10" Portable Radial Saw, 2 HP, 220 V, 3 phase, 50 cycle.	281
33-590	10" Portable Radial Saw, 2 HP, 440 V, 3 phase, 50 cycle.	283
33-591	10" Portable Radial Saw, 2 HP, 550 V, 3 phase, 50 cycle.	282
33-596	10" Portable Radial Saw, same as #33-583, but with Magnetic Control.	279
33-597	10" Portable Radial Saw, same as #33-585, but with Magnetic Control.	277
Accessories		
33-593	12" Guard for 10" Portable Radial Saw.	6
33-595	Steel Legs with plywood shelf.	35
For a complete listing of Accessories See: "Accessories for Radial Saws"		

12" - 14" RADIAL SAW

33-523	12" - 14" Radial Saw, magnetic control model, 3 HP, 220 V, 3 phase, 60 cycle.	535
33-524	12" - 14" Radial Saw, magnetic control model, same as #33-523 except wired for 208 V, and with magnetic controls.	550
33-526	12" - 14" Radial Saw, 2 HP, 115/230 V, single phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 230 V operation.	525
33-527	12" - 14" Radial Saw, 3 HP, 220 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 220 V operation.	535
33-528	12" - 14" Radial Saw, 3 HP, 440 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 440 V operation.	537
33-529	12" - 14" Radial Saw, 2 HP, 115/230 V, single phase, 50 cycle.	542
33-532	12" - 14" Radial Saw, 3 HP, 550 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 550 V operation.	545
33-535	12" - 14" Radial Saw, 3 HP, 208 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 208 V operation.	550
33-537	12" - 14" Radial Saw, 2 HP, 208 V, single phase, 60 cycle.	542

Cat. No.	Description	Ship. Wt. Lbs.
(12" and 14" Radial Saw Continued)		
33-634	12" - 14" Radial Saw, same as #31-641 except with magnetic controls.	525
33-639	12" - 14" Radial Saw, same as #33-641 except with magnetic controls.	544
33-640	12" - 14" Radial Saw, 3 HP, 115/230 V, single phase, 60 cycle. Supplied with manual starter. Wired for 230 V operation.	546
33-641	12" - 14" Radial Saw. Same as #33-527 except 5 HP.	544
33-642	12" - 14" Radial Saw. Same as #33-528 except 5 HP.	545
33-643	12" - 14" Radial Saw, 3 HP, 115/230 V, single phase, 50 cycle.	545
33-644	12" - 14" Radial Saw, 5 HP, 220 V, 3 phase, 50 cycle.	544
33-645	12" - 14" Radial Saw, 5 HP, 380 V, 3 phase, 50 cycle.	554
33-646	12" - 14" Radial Saw, 5 HP, 550 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 550 V operation.	543
33-648	12" - 14" Radial Saw, 5 HP, 208 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 208 V operation.	542
33-700	12" - 14" Radial Saw, long arm, 2 HP, 115/230 V, single phase, 60 cycle. Supplied with 3-pole toggle switch. Wired for 230 V operation.	544
33-701	12" - 14" Radial Saw, long arm, 3 HP, 115/230 V, single phase, 60 cycle. Supplied with manual starter. Wired for 230 V operation.	544
33-702	12" - 14" Radial Saw, long arm, 3 HP, 220 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 440 V operation.	555
33-703	12" - 14" Radial Saw, long arm. Same as #33-702 except 5 HP.	555
33-704	12" - 14" Radial Saw, long arm, 3 HP, 440 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 440 V operation.	555
33-705	12" - 14" Radial Saw, long arm. Same as #33-704 except 5 HP.	555
33-711	12" - 14" Radial Saw, long arm, 3 HP, 550 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 550 V operation.	545
33-712	12" - 14" Radial Saw, long arm, 5 HP, 550 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 550 V operation.	545
33-714	12" - 14" Radial Saw, long arm, 3 HP, 208 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 208 V operation.	545
33-715	12" - 14" Radial Saw, long arm, 5 HP, 208 V, 3 phase, 60 cycle. Supplied with manual starter. Wired for 208 V operation.	545
33-716	12" - 14" Radial Saw, same as #33-702 except with magnetic controls.	535
33-717	12" - 14" Radial Saw, same as #33-703 except with magnetic controls.	535
33-718	12" - 14" Radial Saw, same as #33-714 except with magnetic controls.	535
Accessories		
33-525	Steel Legs, set of 4.	42
33-541	Power Feed Attachment with variable speed dial control. For 12" - 14", 16" - 20" Radial Saws, ¼ HP, 1725 RPM, 115/230 V, 60 cycle motor.	216
33-549	Spring Return.	4¼
For Complete Listing of Accessories, See "Accessories for Radial Saws"		

16" - 20" RADIAL SAW

33-500	16" - 20" Radial Saw, 3 HP, 230 V, single phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 230 V operation.	750
33-501	16" - 20" Radial Saw, 5 HP, 220 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 220 V operation.	125
33-502	16" - 20" Radial Saw, 5 HP, 440 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 440 V operation.	788
33-503	16" - 20" Radial Saw, 5 HP, 550 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 550 V operation.	771
33-504	16" - 20" Radial Saw, 5 HP, 230 V, single phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 230 V operation.	792
33-505	16" - 20" Radial Saw, 5 HP, 208 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 208 V operation.	789
33-506	16" - 20" Radial Saw, 5 HP, 220 V, 2 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 220 V operation.	788
33-507	16" - 20" Radial Saw, 3 HP, 440 V, 2 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 440 V operation.	788
33-508	16" - 20" Radial Saw, 7½ HP, 220 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 220 V operation.	806
33-509	16" - 20" Radial Saw, 7½ HP, 440 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 440 V operation.	788
33-510	16" - 20" Radial Saw, 7½ HP, 550 V, 3 phase, 60 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 550 V operation.	794
33-512	16" - 20" Radial Saw, 5 HP, 220 V, 3 phase, 50 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 220 V operation.	788
33-514	16" - 20" Radial Saw, 5 HP, 440 V, 3 phase, 50 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 440 V operation.	788
33-516	16" - 20" Radial Saw, 5 HP, 220 V, 3 phase, 50 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 220 V operation.	788
33-518	16" - 20" Radial Saw, 7½ HP, 440 V, 3 phase, 50 cycle. Supplied with magnetic starter and a separate push button control station. Wired for 440 V operation.	788
33-520	16" - 20" Radial Saw, 3 HP, 115/230 V, single phase, 50 cycle. Supplied with magnetic starter and a separate push button control station.	788

Cat. No.	Description	Ship. Wt. Lbs.
Accessories		
33-541	Power Feed Attachment with variable speed dial control. ¼ HP, 1725 RPM, 115/230 V, 60 cycle motor.	216
33-543	20" Guard for 16" - 20" Radial Saws.	6
33-544	Chain Feed Attachment.	8
33-550	Spring Return.	4¼
For Complete List of Accessories See: "Accessories for Radial Saws"		

ACCESSORIES FOR RADIAL SAWS

265	Moulding Cutterhead, 4" Diameter, 5/8" bore with ½" bushing, without wrench or knives.	3
679	1½" Diameter x 1" Sanding Drum, 5/16" bore with ½" shank with one sleeve.	¾
680	2½" Diameter x 1" Sanding Drum, 5/16" shank with one sleeve.	½
681	3" Diameter x 1" Sanding Drum, 5/16" shank with one sleeve.	¾
682	1½" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
683	1½" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
684	2½" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
685	2½" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
686	3" Diameter x 1" Sleeves, coarse aluminous oxide, 40 grit. (Pkg. of 6).	¼
687	3" Diameter x 1" Sleeves, fine aluminous oxide, 80 grit. (Pkg. of 6).	¼
830	3" Diameter x 3" Sanding Drum with one sleeve, ½" hole. Fits ½" shaft.	2
831	3" x 3" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	½
832	3" x 3" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	¼
833	3" x 3" Sleeves, aluminous oxide for metal, 50 grit. (Pkg. of 6).	¼
835	1¾" Diameter x 2" Sanding Drum with one sleeve, ½" hole.	½
836	1¾" x 2" Sleeves, coarse garnet, 40 grit. (Pkg. of 6).	¼
837	1¾" x 2" Sleeves, medium garnet, 60 grit. (Pkg. of 6).	¼
838	1¾" x 2" Sleeves, coarse aluminous oxide, 50 grit. (Pkg. of 6).	¼
840	1½" Diameter x 2½" Sanding Drum with one sleeve, ½" shaft.	½
841	1½" x 2½" Sleeves, medium garnet, 50 grit for #711 and #840. (Pkg. of 6).	¼
842	1½" x 2½" Sleeves, fine garnet, 80 grit for #711 and #840. (Pkg. of 6).	¼
847	1½" x 2½" Sleeves, aluminous oxide, 50 grit for #711 and #840. (Pkg. of 6).	¼
1015	10" Diameter Combination Blade with 5/8" Arbor Hole, 44 teeth.	2
1016	10" Diameter Hollow Ground Blade with 5/8" Arbor Hole.	2
1017	10" Diameter Rip Blade with 5/8" Arbor Hole, 36 teeth.	2
1018	10" Diameter Cross Cut Blade with 5/8" Arbor Hole, 100 teeth.	2
1171	Spacing Collar Set (one ¼" and one ¾" collar) 5/8" bore.	1
11-834	Auxiliary Shaft, steel, ½" x 2½" with flat entire length for use with #803 and #835 sanding drums. When used with #33-601 and #33-304 Adapters.	¼
33-106	Router Bits, Left Hand Rotation, Size ¼", Shank ½", Flute Length 1½". Use with Adapters #33-601 or #33-304 and Key Chuck #43-988.	¼
33-108	Router Bits, Left Hand Rotation, Size ¾", Shank ½", Flute Length 1½". Use with Adapters #33-601 or #33-304 and Key Chuck #43-988.	½
33-110	Router Bits, Left Hand Rotation, Size ½", Shank ½", Flute Length 1½". Use with Adapters #33-601 or #33-304 and Key Chuck #43-988.	¼
33-112	Router Bits, Left Hand Rotation, Size 5/8", Shank ½", Flute Length 1½". Use with Adapters #33-601 or #33-304 and Key Chuck #43-988.	¼
33-113	Router Bits, Left Hand Rotation, Size ¾", Shank ½", Flute Length 1½". Use with Adapters #33-601 or #33-304 and Key Chuck #43-988.	¾
33-174	Dado Head Set and Special Cutter, 10" Diameter, 1" Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from ¼" - 1¾" wide.	10
33-179	14" Diameter Combination Blade with 1" Arbor Hole.	5
33-180	14" Diameter Rip Blade with 1" Arbor Hole.	4
33-182	14" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	3
33-183	16" Diameter Combination Blade with 1" Arbor Hole.	3
33-184	16" Diameter Rip Blade with 1" Arbor Hole.	3
33-186	16" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	3
33-187	18" Diameter Combination Blade, flat ground, 1" hole.	4
33-188	18" Diameter Blade, Rip Saw, 1" hole.	4
33-190	20" Diameter Combination Blade with 1" Arbor Hole.	4
33-191	20" Diameter Rip Blade with 1" Arbor Hole.	4
33-193	20" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	4
33-196	9" Diameter Combination Blade with 5/8" Arbor Hole.	1½
33-197	12" Diameter Combination Blade with 1" Arbor Hole.	1½
33-198	9" Diameter Rip Blade with 5/8" Arbor Hole.	1½
33-199	12" Diameter Rip Blade with 1" Arbor Hole.	1½
33-202	12" Diameter Novelty Tooth Blade with 1" Arbor Hole.	1½
33-203	14" Diameter Novelty Tooth Blade with 1" Arbor Hole.	1½
33-204	16" Diameter Novelty Tooth Blade with 1" Arbor Hole.	1½
33-205	18" Diameter Novelty Blade, 1" hole.	3
33-206	20" Diameter Novelty Tooth Blade with 1" Arbor Hole.	1½
33-212	Dado Head Set and Special Cutter, 8" Diameter, 5/8" Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from ¼" - 1¾" wide.	8
33-223	9" Diameter Cross Cut Blade with 5/8" Arbor Hole, 100 teeth.	2
33-224	9" Diameter Novelty Tooth Blade with 5/8" Arbor Hole.	1½

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for Radial Saws Continued)		
33-227	9" Diameter Hollow Ground Blade with $\frac{5}{8}$ " Arbor Hole, Mitre H.G.	1½
33-228	12" Diameter Hollow Ground Blade with 1" Arbor Hole, Mitre H.G.	1½
33-237	Four-Knife Rafter Notcher and Cutterhead, $\frac{5}{8}$ " cutting circle 2" wide cutters, 1" hole.	10
33-250	Two-Wheel Trailer, complete with two 600 x 16 tires, ball and socket hitch, tail light and safety chain. Without fenders.	
33-277	Adapter for mounting $\frac{1}{2}$ " short shank router bits on $\frac{5}{8}$ " -18 L.H. thread motor shaft. For "900" 9" and 10" Radial Saws.	½
33-278	3" x 3" Abrasive Drum. Fits $\frac{5}{8}$ " -18 L.H. threaded shaft.	2½
33-279	1¾" x 2" Abrasive Drum. Fits $\frac{5}{8}$ " -18 L.H. threaded shaft.	1¾
33-282	Router Bit, Left Hand Rotation (Short Shank), Size $\frac{3}{8}$ ", Shank $\frac{1}{2}$ ", Flute 1½". Use with Adapter #33-277.	½
33-283	Router Bit, Left Hand Rotation (Short Shank), Size $\frac{1}{2}$ ", Shank $\frac{1}{2}$ ", Flute 1½". Use with Adapter #33-277.	½
33-288	Spindle Adapter for mounting $\frac{3}{16}$ " hole, 3-lip Shaper Cutters. Used with either #33-289 or #33-290 Arbor Adapters.	¾
33-290	Router Bit and Sander Adapter for 20A with $\frac{1}{2}$ " -13 L.H. thread.	1
33-304	Adapter for mounting router bits, sanders or spindle adapters with $\frac{1}{2}$ " shank to be used on machines with 1" diameter arbor with 1" -14 L.H. thread motor shaft only.	1
33-307	Moulding Cutterhead, 4" Diameter, 1" bore, heavy duty solid steel type without wrench or knives.	3
33-333	Dado Head Set and Special Cutter, 6" diameter, $\frac{5}{8}$ " Arbor Hole, consists of two outer blades and four inside cutters. Will cut grooves from $\frac{1}{8}$ " to $\frac{13}{16}$ " wide.	
33-340	Three-Knife Rafter Notcher and Cutterhead. Has 1" Arbor Hole. Gives 4¾" diameter cutting circle with 2" wide cutters. Comes with knives shown two special wrenches and two special collars. For use on 12, 14, and 16" models.	
33-341	Micro Set Conversion Kit for "Super 900" with Serial Numbers below CB-8240.	
33-342	Micro Set Conversion Kit for 10" Radial Saw (30-C) with Serial Numbers below CG-6548.	
33-343	Micro Set Conversion Kit for 12" -14" Radial Saws (40-C) with new style track only, with Serial Numbers below BY-1608.	
33-344	Micro Set Conversion Kit for 16" -20" Radial Saws (50-C) with new style track only, with Serial Numbers below BY-1663.	
33-381	Spacer Collar, 2½" x $\frac{1}{16}$ " x $\frac{1}{2}$ " hole.	½
33-387	Spacer Collar, $\frac{1}{16}$ " x $\frac{1}{16}$ " x $\frac{1}{2}$ " hole.	½
33-389	Spacer Collar, 2½" x $\frac{1}{16}$ " x $\frac{1}{4}$ " hole.	½
33-391	Spacer Collar, $\frac{1}{8}$ " x 2½" x $\frac{5}{8}$ " hole.	½
33-395	Spacer Collar, $\frac{1}{8}$ " x 2½" x 1" hole.	½
33-397	Spacer Collar, 2½" x $\frac{1}{4}$ " x $\frac{1}{2}$ " hole.	½
33-399	Spacer Collar, $\frac{1}{4}$ " x 2½" x $\frac{5}{8}$ " hole.	½
33-403	Spacer Collar, $\frac{1}{4}$ " x 2½" x $\frac{5}{8}$ " hole.	½
33-405	Spacer Collar, 2½" x $\frac{3}{8}$ " x $\frac{1}{2}$ " hole.	½
33-411	Spacer Collar, $\frac{3}{8}$ " x 2½" 1" hole.	½
33-413	Spacer Collar, 2½" x $\frac{1}{2}$ " x $\frac{1}{2}$ " hole.	½
33-415	Spacer Collar, $\frac{1}{2}$ " x 2½" x $\frac{5}{8}$ " hole.	½
33-445	Leaf Guard, retractable type, for Delta 9" Radial Saw.	2
33-446	Leaf Guard, retractable type, for 20" Saw Guard on Delta 16" Radial Saw.	4
33-448	Leaf Guard, retractable type, for Delta 10" Radial Saw.	2
33-449	Leaf Guard, retractable type, for Delta 12" and 14" Radial Saws.	2
33-450	Leaf Guard, retractable type, for Delta 16" Radial Saw only.	2
33-521	Roller Extension Table, 8 foot long including eight 12" rollers and one adjustable support stand. For direct coupling to steel table on the Delta 12" -14" or 16" -20" Radial Saw.	125
33-541	Power Feed Attachment with variable speed dial control. For 12" -14", 16" -20" Radial Saws, ¼ HP, 1725 RPM, 115/230 V, 60 cycle motor.	216
33-543	Blade Guard for 16" -20" Radial Saws.	6
33-593	Blade Guard for 10" Portable Radial Saws.	6
33-594	Leaf Guard, retractable type, for 12" Saw Guard on Delta 10" Radial Saw.	2
33-600	Spindle and Arbor adapter for mounting $\frac{1}{2}$ " hole, 3-lip shaper cutters on 9" and 10" Portable Radial Saws.	¾
33-601	Adapter for mounting $\frac{1}{2}$ " shank sanding drums, spindle adapters, standard shank router bits on $\frac{5}{8}$ " -18 L.H. thread motor shaft of 10" Radial Saw.	
33-603	8½" Sanding Disk, fits $\frac{5}{8}$ " -18 L.H. threaded shaft.	5
34-333	Dado Head Set and Special Cutter, 6" Diameter, $\frac{5}{8}$ " Arbor Hole. Consists of two outer blades and four inside cutters. Will cut groove from $\frac{1}{8}$ " - $\frac{13}{16}$ " wide.	5
34-841	Carbide Tipped Blade 10", $\frac{5}{8}$ " arbor hole, 24 T.	5
34-840	Carbide Tipped Blade-9", $\frac{5}{8}$ " arbor hole. 24 T.	5
34-880	Accessory group for #34-605 Saw-Jointer includes eccentric shaft, single and double pulley, 2 V-belts.	
43-980	3-Jaw Chuck, 0 to ½" capacity with key for use on new "900", 9" or 10" models.	2
43-990	Spindle Adapter for mounting $\frac{1}{2}$ " hole, 3-lip, left hand shaper cutters on chuck #43-980 mounted on motor arbor. Also with #33-304 Adapter.	2
46-815	8½" Diameter, coarse garnet paper disks, 40 grit (1 dozen). Per package of 12.	2
46-817	8½" Diameter, fine garnet paper disk, 80 grit (1 dozen). Per package of 12.	2
46-835	8½" Diameter sanding disc for $\frac{5}{8}$ " -11" L.H. thread arbor.	5
46-836	8½" Sanding Disk, for 1" -14 L.H. thread arbor.	5
49-380	Switch Rod.	1½
49-503	Disk Adhesive, 1 lb. stick.	1
50-550	Stand, without dust chute or raising block. For #37-368 combination.	

Cat. No.	Description	Ship. Wt. Lbs.
16" HOMECRAFT SCROLL SAW		
40-100	16" Scroll Saw with #5400 Arbor Pulley, $\frac{5}{8}$ " bore, 3-Saw Blades, Pulley Guard, and wrenches. .	60
All-Inclusive Catalog Number		
40-101	16" Scroll Saw Complete. #62-413 $\frac{1}{2}$ HP motor, 1725 RPM; #5300 Motor Pulley, #520 V-belt #1330 Switch Rod and #50-717 Steel Stand.	137
Motors and Controls		
60-013	Motor, $\frac{1}{2}$ HP, 1725 RPM, 115 V, 60 cycle.	21
62-413	Motor, $\frac{1}{2}$ HP, 1725 RPM, 115 V, 60 cycle.	30
Accessories		
387	V-belt, 40 $\frac{1}{2}$ " OC.	4
520	V-belt, 54 $\frac{1}{8}$ " OC.	$\frac{1}{2}$
618	V-belt, 65 $\frac{3}{8}$ " OC.	$\frac{3}{4}$
718	4-Step Motor Pulley for 4-speed Scroll Saws and Countershaft Unit, ($\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ " bore).	1 $\frac{1}{8}$
720	4-Step Arbor Pulley for 4-speed Scroll Saws and Countershaft Unit, ($\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ " bore).	1 $\frac{3}{4}$
1330	Switch Rod.	1 $\frac{1}{2}$
5200	2" Diameter Pulley ($\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ " bore).	$\frac{1}{2}$
5300	3" Diameter Pulley ($\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ " bore).	$\frac{3}{4}$
40-805	Set of 6 Guides for Scroll Saw.	1
49-554	Set of 4 carbide coated sanders, fine grit.	$\frac{1}{2}$
49-555	Set of 4 carbide coated sanders, medium grit.	$\frac{1}{2}$
50-717	Steel Stand.	42
Note: For Blades etc; see "Scroll Saw Accessories".		
24" SCROLL SAW		
1440	Bench Model 24" Scroll Saw with 1 saber blade, 3 scroll saw blades. Without motor, switch, pulleys, belt or belt guard.	101
40-205	24" Scroll Saw. Same as #1440 except four-speed and with #50-716 steel stand, #720 4-step cone pulley on arbor with $\frac{1}{2}$ " bore, #718 4-step motor pulley, (with $\frac{1}{2}$ " bore), #340 V-belt, #1203 belt and pulley guard, 1 saber blade and 3 scroll saw blades. Without motor or switch.	164
40-305	24" Scroll Saw. Same as #1440 except variable-speed and with #50-716 steel stand, #1443 arbor pulley with $\frac{1}{2}$ " bore, #1446 variable-speed motor pulley with $\frac{1}{2}$ " bore, #1447 motor base and bracket, #331 V-belt, #1442 belt and pulley guard, 1 saber blade and 3 scroll saw blades. Without motor and switch.	163
All Inclusive Catalog Number		
40-211	Four-Speed 24" Scroll Saw complete for single phase operation. Includes #40-205 scroll saw with steel stand and #62-110 $\frac{1}{2}$ HP motor with switch.	192
40-213	Four-Speed 24" Scroll Saw complete for 3 phase operation. Includes #40-205 scroll saw with steel stand, #66-120 $\frac{1}{2}$ HP motor, #1320 starter (specify voltage) and #49-318 mounting bracket.	198
40-311	Variable-Speed 24" Scroll Saw complete for single phase operation. Includes #40-305 scroll saw with steel stand and #62-110 $\frac{1}{2}$ HP motor with switch.	191
40-313	Variable-Speed 24" Scroll Saw complete for 3 phase operation. Includes #40-305 scroll saw with steel stand, #66-120 $\frac{1}{2}$ HP motor, #1320 starter (specify voltage) and #49-318 mounting bracket.	197
Motors and Controls for Single Phase Operation		
62-110	Motor, $\frac{1}{2}$ HP, 1725 RPM, 115/230 V, 60 cycle.	29
For Three Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
49-318	Mounting Bracket for mounting starters.	3
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
66-120	Motor, $\frac{1}{2}$ HP, 1425/1725 RPM, 208-220/440 V, 50/60 cycle.	24
Accessories		
1202	Set of 6 Individual Blade Guides with bracket.	1
1203	Belt guard for 4 speed models.	7
1204	Lower Guide for Saber Blade.	$\frac{5}{8}$
1207	Accessory Group for 4-speed Scroll Saw consisting of #718 and #720 pulleys and #340 V-belt. .	3
1442	Guard for Variable-Speed Pulley and Belt for #1440 Scroll Saw.	5
1443	Special Arbor Pulley for #1440 Scroll Saw, $\frac{1}{2}$ " bore.	2 $\frac{1}{2}$
1444	Accessory Group for Variable-Speed Scroll Saw with #1443 pulley, #1446 pulley, #1447 motor base with bracket, screw and handle, and #331 V-belt.	9
1446	Variable Speed Pulley only, $\frac{1}{2}$ " bore.	2
1447	Motor Base with bracket, screw handle, bolts and screws for 24" Multi-Speed Scroll Saw Unit. .	7
50-310	Steel Stand, (special height for schools), 26 $\frac{1}{2}$ " high with top 7 x 33".	41
50-716	Steel Stand, 31 $\frac{1}{2}$ " high with top 7" x 33".	44

ACCESSORIES FOR SCROLL SAW

58	Scroll Saw Blades, .020 x .070, 32 teeth per inch, 5" long. (Pkg. of 6).	1/8
59	Scroll Saw Blades, .020 x .070, 20 teeth per inch, 5" long. (Pkg. of 6).	1/8
60	Scroll Saw Blades, .020 x .070, 15 teeth per inch, 5" long. (Pkg. of 6).	1/8
61	Scroll Saw Blades, .020 x .085, 15 teeth per inch, 5" long. (Pkg. of 6).	1/8
64	Scroll Saw Blades, .020 x .110, 20 teeth per inch, 5" long. (Pkg. of 6).	1/8
65	Scroll Saw Blades, .028 x .250, 20 teeth per inch, 5" long. (Pkg. of 6.)	1/8
77	Scroll Saw Blades, .010 x .048, 18 teeth per inch, 5" long. (Pkg. of 6).	1/8
81	Scroll Saw Blades, .010 x .070, 14 teeth per inch, 5" long. (Pkg. of 6).	1/8
82	Scroll Saw Blades, .010 x .055, 16 teeth per inch, 5" long. (Pkg. of 6).	1/8
83	Scroll Saw Blades, .010 x .045, 18 teeth per inch, 5" long. (Pkg. of 6).	1/8
84	Scroll Saw Blades, .008 x .035, 20 teeth per inch, 5" long. (Pkg. of 6).	1/8
85	Scroll Saw Blades, .025 x .050, 15 teeth per inch, 5" long. (Pkg. of 6).	1/8
86	Scroll Saw Blades, .019 x .055, 12 teeth per inch, 5" long. (Pkg. of 6).	1/8
87	Scroll Saw Blades, .020 x .070, 7 teeth per inch, 5" long. (Pkg. of 6).	1/8
88	Scroll Saw Blades, .020 x .110, 7 teeth per inch, 5" long. (Pkg. of 6).	1/8
91	Scroll Saw Blades, .020 x .110, 15 teeth per inch, 5" long. (Pkg. of 6).	1/8
92	Scroll Saw Blades, .020 x .110, 10 teeth per inch, 5" long. (Pkg. of 6).	1/8
93	Scroll Saw Blades, .028 x .187, 10 teeth per inch, 5" long. (Pkg. of 6).	1/8
94	Scroll Saw Blades, .028 x .250, 7 teeth per inch, 5" long. (Pkg. of 6).	1/8
95	Scroll Saw Blades, .016 x .054, 30 teeth per inch, 5" long. (Pkg. of 6).	1/8
96	Scroll Saw Blades, .016 x .054, 20 teeth per inch, 5" long. (Pkg. of 6).	1/8
97	Scroll Saw Blades, .020 x .070, 15 teeth per inch, 5" long. (Pkg. of 6).	1/8
98	Scroll Saw Blades, .020 x .085, 12 teeth per inch, 5" long. (Pkg. of 6).	1/8
703	3/16" Saber Blades, .025 x .187, 9 teeth per inch, 5" long. (Pkg. of 6).	3/8
704	1/4" Saber Blades, .035 x .250, 7 teeth per inch, 5" long. (Pkg. of 6).	3/8
711	Sanding Attachment for 24" and 16" Scroll Saws and #40-800 Saber Saw, 15/16 x 1/2 x 2 1/2 with 1/4" Shank.	1/2
712	Set of 6 Individual Blade Guides with Nozzle Brackets for 24" Scroll Saw Old Style #700.	1
715	Self-Centering Chuck for 24" and 16" Scroll Saws.	3/8
726	Machine File, 3/16" Square, 1/4" Shank.	1/4
727	Machine File, 1/4" x 5/32" Crocket, 1/4" Shank.	1/4
728	Machine File, 15/32" x 3/64" Half Round, 1/4" Shank.	1/4
729	Machine File, 15/32" Round, 1/4" Shank.	1/4
730	Machine File, 1/4" Triangle, 1/4" Shank.	1/4
731	Machine File, Oblong, 1/4" Shank.	1/4
740	Set of 6 Assorted Machine Files, 1/4" Shank. (#726 to #731 inclusive).	1/2
751	Machine File, 1/8" Square, 1/8" Shank.	1/4
752	Machine File, Crocket, 1/8" Shank.	1/4
753	Machine File, Half Round, 1/8" Shank.	1/4
754	Machine File, Round, 1/8" Shank.	1/4
755	Machine File, Triangle, 1/8" Shank.	1/4
756	Machine File, Oblong, 1/8" Shank.	1/4
757	Machine File, Lozenge, 1/8" Shank.	1/4
758	Machine File, Knife, 1/8" Shank.	1/4
760	Set of 8 Assorted Machine Files, 1/8" Shank. (#751 to #760 inclusive).	5/8
841	1 1/16" x 2 1/2" Sleeves, medium garnet, 50 grit for #711 and #840. (Pkg. of 6).	1/4
842	1 1/16" x 2 1/2" Sleeves, fine garnet, 80 grit for #711 and #840. (Pkg. of 6).	1/4
882	Lamp Attachment.	1 1/2
1203	Belt Guard for 4-speed #1440 Scroll Saw.	7
49-363	Retractable Caster Set to fit #50-310, #50-716 and #50-717 steel stands.	12

HOMECRAFT SHAPER

43-110	Shaper complete with #982 Shaper Fence, #43-936 5/16" Spindle, #43-935 1/2" Spindle, Table Insert, Starting Pin, Belt and Pulley Guard, Spindle Pulley and Wrenches.	87
43-111	Shaper complete with #42-110 Basic Machine with #50-305 Stand, #62-213 1/2 HP Motor, #49-316 Reversing and On-Off Switch, #43-803 Motor Pulley and #49-105 V-belt.	129
Motor		
62-213	Motor, 1/2 HP, 3450 RPM, 115 V, 60 cycle.	34
Accessories		
982	Shaper Fence.	12
1190	Stub Spindle complete with screws and wrench. 1/2".	3
1524	5/16" Hex and 3/4" Hex Box Wrench.	1/8
43-803	5 3/8" Motor Pulley with set screws, 1/2" bore.	2
43-804	5 3/8" Motor Pulley with set screws, 1/2" bore.	2
43-935	1/2" Spindle.	1
43-936	5/16" Spindle.	1
49-105	V-belt, 28 1/4" IC, 30" OC.	1/4
49-362	Retractable Caster Set to fit #50-305 steel stand.	12
50-305	Steel Stand.	32

Cat. No.	Description	Ship. Wt. Lbs.
-------------	-------------	-------------------

HEAVY DUTY WOOD SHAPER

1340	Shaper with #1354 fence, $\frac{3}{4}$ " and $\frac{1}{2}$ " spindles, table inserts, starting pin, wrenches, spindle pulleys, one #1349 table extension, #287 V-belt, #5710 motor pulley, $\frac{3}{4}$ " bore. Without motor, motor controls or cutters.	212
43-205	Same as #1340 except with two #1349 table extensions.	240
All Inclusive Catalog Numbers		
43-211	Wood Shaper complete for single phase operation. Includes #43-205 shaper, #85-080 1 HP motor and #132 switch.	362
43-213	Wood Shaper complete for 3 phase operation. Includes #43-205 shaper, #86-921 1 HP motor, #1320 starter (specify voltage) and #1327 mounting parts.	352
Motors and Controls for Single Phase Operation		
132	Manual Control Toggle Switch Kit. 2-Pole type switch for use with single phase and DC motors up to $1\frac{1}{2}$ HP, AC-DC, 125-250 V.	1 $\frac{1}{2}$
85-080	Motor, 1 HP, 3450 RPM, 115/230 V, 60 cycle.	68
For Three Phase Operation		
1320	Manual Starter, 3 phase, size 0, NEMA type 1 enclosure, rated 2 HP, 208 to 550 V, AC.	6
1325	Manual Control Reversing Drum Switch. Rated 2 HP, 208-550 V, 3 phase, AC; and 1 HP, 115 V to $1\frac{1}{2}$ HP, 230 V, single phase, AC.	4
1327	Parts for mounting #1320 starter on #1340 Shaper.	2
49-393	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 3 HP, 208-220 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	5
49-394	Magnetic Starter, 3 phase, size 0, NEMA Type 1 enclosure, rated 5 HP, 440 V, 60 cycle, AC. Supplied with start and stop-reset buttons.	6
86-921	Motor, 1 HP, 2850/3450 RPM, 208-220/440 V, 50/60 cycle.	45
Accessories		
864	Auto-Set Miter Gage, $\frac{3}{8}$ " x $\frac{3}{4}$ " Bar, less stop rods.	4
865	Miter Gage Clamp Attachment.	2 $\frac{1}{4}$
873	Clamp Screw for #865 Clamp Attachment.	1
1345	Stub Spindle, $\frac{1}{2}$ " diameter, for cope cutters with $\frac{1}{2}$ " hole with screw and wrench for #43-205. ...	1
1346	Spindle, $\frac{5}{16}$ ", for 3-lip cutters with nut and washer.	1
1347	Spindle for $\frac{1}{2}$ " 3-lip Shaper Cutters with nut and washer.	1
1349	Rear Extension Table for #1340 Shaper. (8" x 27") with screws and washers.	27
1354	Fence for #1340 Shaper.	12
1520	1 $\frac{1}{16}$ " Open End and $\frac{5}{8}$ " Hex Box Wrench for #1340 Shaper.	$\frac{1}{8}$
43-826	Solid Shaper Spindle Cartridge Assembly with $\frac{3}{4}$ x 10 R.H. thread for use on #1340 or #43-205 Shaper when only counter-clockwise rotation of spindle is desired. Cannot be reversed for clockwise rotation.	6
43-827	Solid Shaper Spindle Cartridge Assembly with $\frac{3}{4}$ x 10 L.H. thread for use on #1340 or #43-205 Shaper when only clockwise rotation of spindle is desired. Cannot be reversed for counter-clockwise rotation.	6

ACCESSORIES FOR SHAPERS

D-100	$\frac{1}{2}$ " Cove, $\frac{5}{16}$ " Quarter Round Shaper Cutter.	$\frac{1}{2}$
D-101	$\frac{5}{16}$ " Cove, $\frac{3}{8}$ " Bead Shaper Cutter.	$\frac{1}{2}$
D-102	$\frac{3}{8}$ " and $\frac{3}{8}$ " Quarter Round, $\frac{1}{4}$ " Bead Shaper Cutter.	$\frac{1}{2}$
D-103	$\frac{1}{4}$ " and $\frac{1}{2}$ " Quarter Round Shaper Cutter.	$\frac{1}{2}$
D-104	1 $\frac{7}{8}$ " x 1" Shaper Cutter.	$\frac{1}{2}$
D-105	1 $\frac{7}{8}$ " x 1 $\frac{1}{2}$ " Shaper Cutter.	$\frac{1}{2}$
D-106	90° Flute Shaper Cutter.	$\frac{1}{2}$
D-107	1 $\frac{7}{8}$ " x $\frac{1}{2}$ " Shaper Cutter.	$\frac{1}{2}$
D-108	1 $\frac{15}{16}$ " x $\frac{1}{4}$ " Shaper Cutter.	$\frac{1}{2}$
D-109	$\frac{1}{4}$ " Flute Shaper Cutter.	$\frac{1}{2}$
D-110	Drawer Joint Shaper Cutter.	$\frac{1}{2}$
D-120	Ogee Shaper Cutter.	$\frac{1}{2}$
D-121	Female Sash Shaper Cutter.	$\frac{1}{2}$
D-123	Cabinet (R.H.) Male Shaper Cutter.	$\frac{1}{2}$
D-124	Cabinet (L.H.) Male Shaper Cutter.	$\frac{1}{2}$
D-125	Cabinet (R.H.) Male Shaper Cutter.	$\frac{1}{2}$
D-126	Cabinet (L.H.) Male Shaper Cutter.	$\frac{1}{2}$
D-127	1 $\frac{15}{16}$ " x $\frac{3}{4}$ " Shaper Cutter.	$\frac{1}{2}$
D-128	Male Sash Shaper Cutter.	$\frac{1}{2}$
D-129	2 $\frac{7}{32}$ " x $\frac{3}{8}$ " Shaper Cutter.	$\frac{1}{2}$
D-130	1 $\frac{7}{8}$ " x $\frac{3}{4}$ " Shaper Cutter.	$\frac{1}{2}$
D-131	Glue Joint Shaper Cutter.	$\frac{1}{2}$
D-132	$\frac{3}{8}$ " Thick, 1 $\frac{5}{32}$ " outside diameter, $\frac{1}{2}$ " hole Shaper Collar.	$\frac{1}{2}$
D-133	$\frac{1}{8}$ " Thick, 1 $\frac{15}{16}$ " outside diameter, $\frac{1}{2}$ " hole Shaper Collar (required with D-206 and D-207).	$\frac{1}{2}$

(Accessories for Shapers Continued)

D-134	1/4" Thick, 1 1/32" outside diameter, 1/2" hole Shaper Collar.	1/2
D-135	Cove and Bead Moulding L.H. Shaper Cutter.	1/2
D-136	Cove and Bead Moulding R.H. Shaper Cutter.	1/2
D-137	Cove and Bead Cope R.H. Shaper Cutter.	1/2
D-138	Cove and Bead Cope L.H. Shaper Cutter.	1/2
D-139	2 7/32" x 1/4" Shaper Cutter.	1/2
D-140	1/4" Thick, 1 1/16" outside diameter, 1/2" hole Shaper Collar.	1/2
D-141	3/8" Thick, 1 1/16" outside diameter, 1/2" hole Shaper Collar.	1/2
D-142	3/8" Thick, 3/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-143	3/8" Thick, 7/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-144	3/8" Thick, 1" outside diameter, 1/2" hole Shaper Collar.	1/2
D-145	3/8" Thick, 1 1/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-146	3/8" Thick, 1 1/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-147	3/8" Thick, 1 3/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-148	3/8" Thick, 1 1/2" outside diameter, 1/2" hole Shaper Collar.	1/2
D-149	3/8" Thick, 1 3/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-150	3/16" Thick, 1 3/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-151	1/4" Thick, 1 7/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-155	1/4" Thick, 3/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-171	3/8" Thick, 1 1/16" outside diameter, 1/2" hole Shaper Collar.	1/2
D-172	3/8" Thick, 1 1/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-173	3/8" Thick, 1 1/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-174	3/8" Thick, 1 1/2" outside diameter, 1/2" hole Shaper Collar.	1/2
D-175	3/8" Thick, 1 3/4" outside diameter, 1/2" hole Shaper Collar.	1/2
D-176	3/8" Thick, 1 7/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-177	3/8" Thick, 1 5/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-178	3/8" Thick, 1 11/16" outside diameter, 1/2" hole Shaper Collar.	1/2
D-179	3/8" Thick, 1 13/16" outside diameter, 1/2" hole Shaper Collar.	1/2
D-180	3/8" Thick, 1 7/8" outside diameter, 1/2" hole Shaper Collar.	1/2
D-190	3-Bead (3/16" Bead) Shaper Cutter.	1/2
D-191	3-Flute (3/16" Flute) Shaper Cutter.	1/2
D-192	3-Bead (1/4" Bead) Shaper Cutter.	1/2
D-193	3-Flute (1/4" Flute) Shaper Cutter.	1/2
D-195	5-Bead (3/8" Bead) Shaper Cutter.	1/2
D-196	Wedge Tongue Shaper Cutter.	1/2
D-197	Wedge Groove Shaper Cutter.	1/2
D-198	Ogee and Bead Table Edge Shaper Cutter.	1/2
D-199	1" Convex Edge Shaper Cutter.	1/2
D-201	1/4" Flute Shaper Cutter.	1/2
D-202	1/2" Bead Shaper Cutter.	1/2
D-203	1/4" Bead Shaper Cutter.	1/2
D-204	3/4" Flute Shaper Cutter.	1/2
D-205	Pgee R.H. Shaper Cutter.	1/2
D-206	Pgee L.H. (requires Spacer Collar D-133) Shaper Cutter.	1/2
D-207	Cove Sash L.H. Shaper Cutter.	1/2
D-208	Cove Sash R.H. Shaper Cutter.	1/2
D-209	Bead Sash L.H. Shaper Cutter.	1/2
D-210	Bead Sash R.H. Shaper Cutter.	1/2
D-211	1" Flute Shaper Cutter.	1/2
D-212	3/8" Bead Shaper Cutter.	1/2
D-213	Beaded Screen Moulding Shaper Cutter.	1/2
D-214	Panel Raising Shaper Cutter.	1/2
D-215	1/4" Thick, 1 13/32" outside diameter, 1/2" hole Shaper Collar.	1/2
D-217	1/4" Thick, 1 3/32" outside diameter, 1/2" hole Shaper Collar.	1/2
D-218	2" x 3/8" Shaper Cutter.	1/2
D-219	1" Bead Shaper Cutter.	1/2
D-228	Flute-Bead Knife Shaper Cutter.	1/2
D-229	Step Moulding Shaper Cutter.	1/2
D-230	Pilaster Flute Shaper Cutter.	1/2
D-231	5/16" Quarter Round Shaper Cutter.	1/2
D-235	3/8" Flute Shaper Cutter.	1/2
D-238	3/4" Bead Shaper Cutter.	1/2
D-247	Door Lip and Combination Door Shaper Cutter.	1/2
D-248	1 15/16" x 5/16" Shaper Cutter.	1/2
D-249	2 7/32" x 3/8" Shaper Cutter.	1/2
D-250	3/8" x 3/16" Radii R.H. Shaper Cutter.	1/2
D-251	3/8" and 3/16" Radii L.H. Shaper Cutter.	1/2
D-252	1/4" and 1/2" Radii L.H. Shaper Cutter.	1/2
D-253	1/4" and 1/2" Radii R.H. Shaper Cutter.	1/2
D-254	5/16" and 3/8" Radii R.H. Shaper Cutter.	1/2
D-255	5/16" and 3/8" Radii L.H. Shaper Cutter.	1/2
D-256	1 1/4" x 1/4" Spacing Type Shaping Cutter.	1/2
D-257	1 1/4" x 3/8" Spacing Type Shaping Cutter.	1/2
D-258	1 1/4" x 1/2" Spacing Type Shaping Cutter.	1/2
D-259	1 1/4" x 5/16" Spacing Type Shaping Cutter.	1/2

Cat. No.	Description	Ship. Wt. Lbs.
(Accessories for Shapers Continued)		
D-205-S	Set of Pgee Door Assembly Male Cutters. Includes D-205, D-206 and D-217.	½
D-206-S	Set of Pgee Door Assembly Female Cutters. Includes D-205, D-206, D-108 and D-133.	½
D-208-S	Cove Cutter Assembly. Includes D-207, D-208, D-215 and D-133.	½
D-210-S	Bead Sash Cutter Assembly. Includes D-209, D-210 and D-108.	½
980	Shaper Cutters, set of 24, with #978 Adapter and #979 Depth Collars in Wood Case.	2
983	Set of Spring Hold Downs.	2
1170	Tenoner for use with #1186 Sliding Jig.	20
1178	Set of Cove and Bead Cutters with Collars including D-129 and D-135 to D-139 inclusive. Cutters and D-132 and D-134 Collars with #1190 Stub Spindle for #43-110 Shaper.	2
1182	Set of Shaper Cutters including D-100 to D-109 Cutters inclusive and D-142 to D-149 Collars inclusive. Packed in wooden box.	3½
1184	Set of Sash and Cabinet Cutters and Collars including D-120, D-121, D-123 to D-128 inclusive. D-108, D-130 Cutters and D-140, D-141, D-150, D-151 Collars, packed in wooden box with #1190 Stub Spindle for use with #43-110 Shaper.	3 18
1186	Sliding Shaper Jig.	3
1191	Set of 4 Collars for Sash Cutters including D-140, D-141, D-150 and D-151.	1
1192	Safety Shaper Cutterhead for beveled knives, ½" bore.	⅜
1193	Two beveled Shaper knives, ½" x 2½".	⅜
1194	Two beveled Shaper knives, ¾" x 2½".	⅜
1195	Two beveled Shaper knives, 1" x 2½".	⅜
1196	Two beveled Shaper knives, 1½" x 2½".	⅜
1198	Set of Table Inserts with Guide Shoulders, 2⅝" and 1⅝" Diameter.	1⅓
1210	Set of 7 Collars for Shaper including D-142, D-143, D-144, D-145, D-171, D-172 and D-173 Collars.	¾
1211	Set of 6 Collars for Shaper including D-141, D-146, D-147, D-148, D-174 and D-175 Collars. ...	1
1212	Set of 6 Collars for Shaper including D-149, D-176 to D-180 Collars inclusive.	1½
1213	Set of Cove and Bead Cutters and Collars including D-129, D-135 to D-139 inclusive; D-132 and D-134 Collars with #1345 Spindle in wooden box for #1340 Shaper.	3
1214	Set of Sash and Cabinet Cutters and Collars including D-108, D-120, D-121, D-123 to D-128 inclusive and D-130 Cutters, D-140, D-141, D-150 and D-151 Collars with #1345 Spindle in wooden box for #1340 Shaper.	2 1½
1342	Safety Shaper Cutterhead for beveled knives, ¾" bore.	1½
1343	3-Knife Safety Cutterhead, ½" or ¾" bore.	10
1348	Safety Ring Guard.	1
43-900	Carbide tipped Door Lip Shaper Cutter. For clockwise rotation with rabbet down.	1
43-901	Carbide tipped Door Lip Shaper Cutter. For counterclockwise rotation with rabbet down.	1

DELTA ENGINEERED ACCESSORIES

109	Stop Rust, 1 pint can.	1¼
110	Stop Rust (Case of 12, 1 pint cans).	16
151	8½" Diameter Sanding Disk, fits ½" Diameter Shaft.	5
378	Steel Shafting ¾" x 20", used in Countershaft.	4
640	Surface Plate, 15" x 18" x 3".	60
641	Surface Plate, 16" x 22" x 3".	78
882	Lamp Attachment.	1½
1119	Two-Conductor Cord and Plug for ½, ¾ and 1 HP Single Phase Motors.	1¼
1523	⅝" and 1⅞" Double End Box Wrench.	1
1525	⅞" Open End and ⅝" Hex Box Wrench.	⅞
1526	¾" Hex and ⅞" Hex Box Wrench.	⅞
1527	¾" Square Box Wrench for Lathe Tool Post.	1
1529	½" Socket Wrench.	1
1605	6" Motor Pulley, ¾" bore for 60 cycle Delta Motor.	5
1606	6" Motor Pulley, 1" bore (60 cycle and DC NEMA Motor).	5
4017	Deltacraft Sanding Kit containing one can of adhesive and two cans abrasive, 1 coarse and 1 fine.	4 2
4051	Gum and Pitch Remover.	
23-601	Accessory Kit consisting of 1 Wire Wheel, Coarse (#3113) 6" diameter, ½" wide x ½" hole, 1 Wire Wheel, Fine (#3114) 6" diameter, ½" wide x ½" hole, 1 Lampico Fiber Wheel (#3115) 6" diameter, ½" wide x ½" hole, 1 buffing kit of compounds and wheel (#4003).	5
25-801	Bench for 10" Metal Lathe, 30" x 60" hard maple laminated top, 1⅞" thick, 30" high with tem- plate for locating holes and assembly hardware.	118
25-802	Drawer for #25-801 table, may be used on other benches, etc., 14" wide, 23½" front to back, 5" deep. Includes removable 13½" x 8 x 1" sliding tray, attachment hanger and screws for mounting.	26
25-803	Back and Side Stops for #25-801 bench, forms 3" high bench around sides and back. Includes mounting hardware.	10
25-807	Bench Unit Complete. Consists of #25-801 bench, #25-802 drawer and #25-803 back and side stops. Not assembled.	153
25-857	Lamp Attachment with 15" flexible gooseneck. Includes nylon shield, mounting bracket, switch and 8-foot cord with 2-prong plug. Uses standard bulb (not included) up to 100 watts.	2
31-425	4" Backstand Idler Unit, 5⅜" diameter x 4" wide. Complete with Idler Pulley.	20

Cat. No.	Description	Ship. Wt. Lbs.
(Delta Engineered Accessories Continued)		
31-431	2 3/4" Backstand Left Idler Unit, 5 3/8" diameter x 2 3/4" wide. Complete with Idler Pulley.	18
31-438	Arbor Head complete with Arbor Pulley, two #560 Belts and two 2 1/2" diameter flanges with nuts to fit 5/8" Arbor.	25
31-875	Rubber Tire for Contact Wheel, 2 1/2" wide, 6" diameter, 30-40 durometer with 45° serrations. ...	6 1/2
31-876	Hub for Contact Wheel, 5/8" bore with bushing and washer for mounting #31-875 tire.	6 1/2
31-877	Contact Wheel complete. Consists of #31-875 Tire and #31-876 Hub.	12
49-180	3" Arbor Pulley used only to increase speed of Drill Press on Deltashop.	1
49-181	Jointer Motor Pulley, 6" diameter (extended hub type) for use with #62-653 motor on Deltashop combination.	3
49-183	Saw Motor Pulley #5450 and belt #49-115 for use with 1/2 HP #62-653 motor.	1
49-184	Jointer Motor Pulley #49-181 and belt #289 for use with 1/2 HP #62-653 motor.	2
49-185	Saw Motor Pulley #5225 and belt #49-152 for use with 3/4 HP #62-253 motor.	2
49-186	Jointer Motor Pulley #49-182 and belt #410 for use with 3/4 HP #62-253 motor.	2
49-187	Saw Jointer Pulley and belt group #49-183 and #49-184 for use with 1/2 HP #62-653 motor.	3
49-188	Saw Jointer Pulley and belt group #49-183 and #49-184 for use with 3/4 HP #62-253 motor.	4
49-304	Rust Remover, carton of 10, 1/2 pint cans.	15
49-320	Rust Remover, 1/2 pint bottle.	1 1/2
49-322	Rust Remover, 1 gallon bottle.	15
49-323	Push Button Spray Can of Delta tool retouching paint, medium gray.	1
49-324	Carton of 12 cans of #49-323 paint.	5
49-333	One quart Enamel, medium gray, standard color for all Delta power tools.	5
49-334	One gallon Enamel, medium gray, standard color for all Delta power tools.	14
49-358	Lamp Attachment, flexible type for use on Radial Saws, Drill Presses, Lathes, Jointers. Can be attached to flat surfaces such as walls or benches. Includes steel shade, 5-foot cord and plug (less bulb). Uses standard 60 watt bulb.	2 1/2
49-359	Retractable Caster Set complete to fit steel stand: #33-630 for #33-621 9" Radial Saw.	12
49-361	Retractable Caster Set complete to fit steel stand: #50-441 for #31-412 Belt Grinder.	11
49-362	Retractable Caster Set complete to fit steel stand: #50-432 for use on #1426 Disk Sander, #50-810 for use on #34-600 9" Circular Saw.	12
49-363	Retractable Caster Set complete to fit steel stands: #50-891 for use on #28-297 and #28-387 Band Saws, #50-656 for use on #37-221 6" Jointer, #50-406 for use on #1400 Belt Finishing Machine, #50-716 for use on #1440 Scroll Saw.	12
49-364	Retractable Caster Set complete to fit steel stands: #50-315 for use on #34-431 10" Bench Saw, #50-320 for use on #37-605 Saw-Jointer Combination Unit.	13
49-370	Line-Shaft Hanger for 3/4" shaft.	6
49-379	Flexible Couplings, available in 1/2, 3/4 or 1" bore (specify bore). 3/4" will be furnished unless otherwise specified.	1
49-550	Chuck, 1/2", 1/2" capacity, keyless type.	1
49-551	Lambs Wool Buffer Bonnet, Sander and Adapter Kit.	2
49-552	Adapter to take Lambs Wool Buffer Bonnet and Sanding Disk.	1
50-310	Steel Stand, special school height 26", top 7" x 33".	41
50-353	Set of 4 Rubber Feet for all steel stands.	1

Delta motors and controls

Catalog Number	H.P.	R.P.M.	Volts	Cycles	Shaft	Frame Size	Switch	Cord & Plug	Temp. Rise	Enclosure	Usage	Wt. Lbs.
SPLIT PHASE												
x60-013	1/8	1725	115	60	1/2" Single	6"	None Order 49-311	None—Included with 49-311	50°C	Guarded Drip-proof	Gen. Purp.	18
CAPACITOR START												
†62-680	1/8	1725	115/230	60	1/2" Double	6"	DPST	Yes	40°C	Guarded Drip-proof	Gen. Purp.	31
*62-253	3/4	3450	115	60	5/8" Double	6"	§SPST	Yes	50°C	"	Gen. Purp.	31
*62-273	1	3450	115	60	5/8" Double	6"	§SPST	Yes	50°C	"	"	34
*62-413	1/8	1725	115	60	1/2" Single	6"	SPST	Yes	50°C	"	"	23
†62-610	1/2	1725	115/230	60	1/2" Double	6"	DPST	Yes	40°C	"	"	29
†62-653	1/2	1725	115	60	5/8" Double	6"	SPST	Yes	50°C	"	"	37
82-710	1/2	1725	115/230	60	3/4" Double	8 1/2"	DPST	Yes	40°C	"	"	52
82-910	3/4	1725	115/230	60	3/4" Double	8 1/2"	DPST	Yes	40°C	"	"	50
83-112	1	1140	115/230	60	3/4" Double	8 1/2"	DPST	Yes	40°C	"	20" Drill Press	70
83-311	1	3450	115/230	60	3/4" Double	8 1/2"	None Order 34-881	Yes	40°C	"	10" Bench TAS	51
#83-411	1 1/2	3450	115/230	60	3/4" Double	8 1/2"	None Order 34-881	Yes	40°C	"	10" Bench TAS	61
83-510	1	1725	115/230	60	3/4" Double	8 1/2"	DPST	Yes	40°C	"	Gen. Purp.	70
#83-560	1	1725	115/230	60	3/4" Double	8 1/2"	§DPST	Yes	40°C	"	20" M-W Band Saw	75
93-610	2	1725	115/230	60	3/4" Single	8 1/2"	None Order 1328	None	60°C	"	Planer	79
98-161	3	3450	230	60	1" Single	NEMA 225	None	None	50°C	Open	14" TAS	100
REPULSION INDUCTION												
84-977	3	1725	115/230	60	1" Single	NEMA 225	None Order 49-386	None	40°C	Guarded Drip-proof	Gen. Purp.	143
†85-080	1	3450	115/230	60	3/4" Single	8 1/2"	None Order 132	Yes	40°C	Open	Heavy Duty Wood Shaper	68
85-110	1 1/2	3450	115/230	60	3/4" Single	Special	§DPST	Yes	55°C	TENV	10" Unisaw	79
98-111	3	3450	115/230	60	1" Single	NEMA 225	None Order 49-325	None	55°C	TEFC	12" TAS	147
SPECIFICATIONS FOR DELTA 3 PHASE MOTORS												
Catalog Number	H.P.	R.P.M.	Volts	Cycles	Shaft	Frame Size	Switch	Cord & Plug	Temp. Rise	Enclosure	Usage	Wt. Lbs.
66-120	1/8	1425/1725	208-220/440	50/60	1/2" Double	6"			40°C	Guarded Drip-proof	Gen. Purp.	23
†66-340	1/2	1425/1725	208-220/440	50/60	1/2" Double	6"			40°C	"	"	25
86-520	1/2	1425/1725	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	44
86-720	3/4	1425/1725	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	42
86-920	1	1425/1725	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	56
86-921	1	2850/3450	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	43
86-922	1	960/1140	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	55
87-010	1	1425/1725	208-220/440	50/60	3/4" Single	Special			55°C	TENV	10" Unisaw	62
87-120	1 1/2	1425/1725	208-220/440	50/60	3/4" Double	8 1/2"			40°C	Guarded Drip-proof	Gen. Purp.	52
87-121	1 1/2	2850/3450	208-220/440	50/60	3/4" Double	8 1/2"			40°C	"	"	50
87-210	1 1/2	1425/1725	208-220/440	50/60	3/4" Single	Special			40°C	Open	10" Unisaw	74
87-310	2	2850/3450	208-220/440	50/60	3/4" Single	Special			55°C	TENV	10" Unisaw	57
96-320	2	1425/1725	208-220/440	50/60	3/4" Single	8 1/2"			40°C	Guarded Drip-proof	Planer	60
97-320	3	1425/1725	208-220/440	50/60	1" Single	NEMA 225			40°C	"	Gen. Purp.	104
97-420	3	1425/1725	208-220/440	50/60	1" Single	NEMA 225			55°C	TENV	Gen. Purp.	135
98-321	5	2850/3450	208-220/440	50/60	1" Single	NEMA 225			55°C	TEFC	12" TAS	133
98-421	5	3450	208-220/440	60	1" Single	NEMA 225			50°C	Open	14" TAS	90

Write for information on available motors not listed. Such motors, when ordered special, are not subject to cancellation.
 •Motors supplied with 1/2" diameter shafts have flats; all other shafts have keyways and keys
 †Motor supplied with wood shim blocks
 *Supplied with integral, manual reset and thermal overload protection
 xWith sleeve bearings
 #Cord and plug set supplied with motor is grounding type with 3-prong tandem plug for 230V operation
 §Switch wired for remote control

‡Supplied with integral reversing lever
 DPST-Double pole, single throw
 SPST-Single pole, single throw
 TENV-Totally enclosed, non-ventilated
 TEFC-Totally enclosed, fan cooled

Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
58	55	530	4	837	15-21	1177	0	1454	45	6100	39	15-306	12
59	55	532	0	838	15-21	1178	58	1455	45	6200	39	15-307	12
60	55	560	4-26	840	15-20	1182	58	1459	22	11-100	17	15-308	12
61	55	583	4	841	15-21	1184	58	1460	35	11-105	7	15-405	12
64	55	588	4	842	15-21	1186	58	1461	37	11-115	20	15-406	12
65	55	595	4-44	847	15-21	1190	55	1463	37	11-140	7	15-407	12
77	55	618	4-54	864	2-3	1191	58	1464	37	11-280	14	15-408	12
81	55	634	17-20	865	43-44	1192	58	1468	37	11-806	18-20	15-410	12
82	55	636	17-20	871	44	1193	58	1490	34-37	11-811	18-20	15-411	12
83	55	638	17-20	873	44-56	1194	58	1505	18	11-812	18-20	15-412	12
84	55	640	58	882	16-17	1195	58	1507	18	11-813	18-20	15-413	12
85	55	641	58	883	42	1196	58	1513	16	11-814	18-20	15-415	12
86	55	644	4	886	42	1198	58	1514	16	11-815	18-20	15-416	12
87	55	659	27	894	42	1202	54	1515	16	11-817	18-20	15-417	12
88	55	661	27	932	37-39	1203	55	1516	18	11-818	18-20	15-418	12
91	55	662	27	933	31-34	1204	54	1517	13-18	11-821	18-20	15-515	12
92	55	667	27	934	31-34	1207	54	1519	13-18	11-834	15-52	15-516	12
93	55	670	4	935	28-34	1210	58	1520	56	14-007	13	15-517	12
94	55	673	14	936	34-37	1211	58	1521	47	14-008	13	15-518	12
95	55	679	14-20	937	34-37	1212	58	1522	27	14-207	13	15-520	12
96	55	680	14-20	938	34-37	1213	58	1523	58	14-208	13	15-521	12
97	55	681	14-20	939	34-37	1214	58	1524	55	14-226	13	15-522	12
98	55	682	14-21	940	31-34	1236	25	1525	58	14-227	13	15-523	12
109	58	683	14-21	941	0	1237	25	1526	58	14-228	13	15-525	12
110	58	684	14-21	942	37	1238	25	1527	58	14-229	13	15-526	12
120	4	685	14-21	945	37	1250	58	1529	58	14-321	13	15-527	12
121	34-37	686	14-21	948	0	1267	58	1530	0	14-322	13	15-528	12
122	34-37	687	15-21	949	34-37	1280	25	1531	0	14-323	13	15-811	22
123	34-37	690	37	968	15-28	1290	25	1532	0	14-324	14	15-812	22
124	34-37	692	37	969	16-17	1292	25	1533	0	14-325	14	15-813	22
125	34-37	694	37	972	17-19	1293	25	1534	0	14-551	14	15-815	18
126	34-37	695	37	973	17	1294	25	1535	0	14-552	14	15-816	18
127	34-37	697	34-37	974	17-20	1296	25	1536	0	14-553	14	15-817	18
128	34-37	703	7-55	975	17	1311	16	1538	0	14-554	14	15-818	18
130	34-37	704	7-55	976	17-20	1312	16	1600	*	14-555	14	15-820	18
132	22	711	55	977	17-20	1293	25	1603	*	14-561	14	15-827	18
138	0	712	55	978	17-20	1320	22	1604	*	14-562	14	15-830	18
144	34-37	715	55	979	17-20	1325	22	1605	58	14-563	14	15-832	18
145	34-37	718	39-54	980	17-20	1327	22	1606	58	14-564	14	15-833	18
163	34-37	720	39-54	982	17-20	1328	22	1608	*	14-565	14	15-835	18
164	34-37	726	55	983	17-20	1330	44-54	1609	*	14-571	14	15-836	18
192	0	727	55	985	17-39	1331	13	1610	*	14-572	14	15-837	18
194	0	728	55	991	17-20	1332	16	1615	*	14-573	14	15-840	18
265	52-47	729	55	992	17-20	1333	26	1616	*	14-574	14	15-850	18
271	4-17	730	55	1007	17	1334	37	1617	*	14-575	14	17-369	16
272	4-17	731	55	1008	17	1340	56	1619	*	14-800	18	17-600	16
273	4-17	732	40	1010	17-18	1342	58	1625	*	14-801	18	17-601	16
281	45	733	40	1015	52-47	1343	58	1626	*	14-803	19	17-602	16
284	4	734	40	1016	52-47	1345	56	1632	*	14-810	18	17-603	16
287	4	736	40	1017	52-47	1346	56	1633	*	14-814	18	17-605	9
289	4	740	55	1018	52-47	1347	56	1634	*	14-815	18	17-606	9
291	4	750	4	1019	18	1348	58	1661	23	14-816	18	17-607	9
294	4-6	751	55	1020	17	1349	56	1662	23	14-817	18	17-608	9
325	47	752	55	1024	15	1354	56	1663	23	14-820	18	17-610	9
326	47	753	55	1025	15	1366	16	1664	23-25	14-821	19	17-611	9
331	4	754	55	1026	15	1367	16	3101	24-37	14-822	19	17-612	9
334	47	755	55	1030	17	1368	16	3102	24-37	14-823	19	17-613	9
335	47	756	55	1032	42	1371	16	3113	23-24	14-824	19	17-620	16
340	4	757	55	1033	42	1372	16	3114	23-24	14-825	19	17-621	16
378	58	758	55	1034	42	1380	16	3115	23-24	14-829	19	17-622	17
381	0	760	55	1036	42	1381	16	3121	23-25	14-830	19	17-623	17
387	4-17	770	40	1038	42	1391	16	4003	23-24	14-833	4-19	17-624	9
410	4-7	771	40	1040	42	1400	2	4004	23-24	14-834	4-19	17-625	9
430	4-17	781	40	1045	42	1401	2	4005	23-24	14-836	19	17-626	10
453	4	804	15-20	1046	42	1403	2	4007	24	14-837	19	17-627	10
474	17-20	805	15	1047	42	1410	2	4008	24	14-838	19	17-630	10
475	17-20	806	15-20	1048	42	1411	2	4009	24	14-839	19	17-631	10
476	17-20	807	15-20	1050	42	1412	2	4010	24	14-840	19	17-632	10
477	17-20	808	15-20	1052	42	1413	2	4017	58	15-005	12	17-633	10
478	17-20	809	15-20	1058	42	1414	2	4051	58	15-006	12	17-634	10
480	17-20	810	15-20	1060	42	1415	2	5200	39-54	15-007	12	17-635	10
501	4-6	812	15-20	1062	43	1426	2	5225	7-39	15-008	12	17-636	10
504	14	814	15-20	1064	43	1427	3	5250	4-39	15-205	12	17-637	10
505	14	815	15-20	1115	22	1428	3	5275	39-40	15-206	12	17-640	10
506	14	816	15-20	1119	58	1430	3	5300	24-39	15-207	12	17-641	10
508	14	817	15-20	1161	47	1440	54	5350	39	15-208	12	17-642	10
510	4	818	15-20	1162	47	1442	54	5400	39	15-210	12	17-643	0
514	14-20	819	15-20	1163	47	1443	54	5450	39	15-211	12	17-644	10
515	14	822	15-20	1165	47	1444	54	5500	39-44	15-212	12	17-645	10
516	14-20	830	4-15	1166	47	1446	54	5550	39	15-213	12	17-646	10
518	14-20	831	15-21	1170	47-58	1447	54	5600	39	15-220	18	17-647	10
520	4-16	832	15-21	1171	52-47	1449	45	5650	26-39	15-221	18	17-650	10
524	17-20	833	15-21	1172	47	1451	45	5700	39	15-222	18	17-651	10
525	17	835	4-15	1173	47	1452	47	5710	39	15-223	18	17-652	10
526	17-20	836	15-21	1176	47	1453	47	5800	39	15-305	12	17-653	10

○—Obsolete X—Special motors, information available upon written request *—May be ordered until stock is depleted.

Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
20-437	15	20-817	6	23-842	23	25-528	31	25-700	28	28-460	43	33-182	52-47	33-541	51-52
20-438	8	20-819	6	24-101	25	25-541	31	25-701	28	28-461	43	33-183	52	33-543	52-53
20-441	8	20-820	6	24-103	25	25-542	28-31	25-702	28	28-462	43	33-184	52	33-544	52
20-442	8	20-832	6	24-105	25	25-543	31	25-704	28	28-801	40	33-186	52	33-549	51
20-443	8	20-837	21	24-805	25	25-544	31	25-705	28	28-802	40	33-187	52	33-550	52
20-444	8	20-838	6	24-807	25	25-545	31	25-710	28	28-803	40	33-188	52	33-582	50
20-445	8	20-840	5-6	24-808	25	25-546	31	25-711	28	28-804	40	33-190	52	33-583	50
20-446	8	20-846	6	24-812	25	25-548	31	25-712	28	28-810	40-43	33-191	52	33-584	50
20-447	8	20-847	6	24-816	25	25-551	31	25-714	28	28-811	40	33-193	52	33-585	50
20-448	9	20-848	6	24-819	21-25	25-552	31	25-715	28	28-812	40	33-196	52-47	33-586	50
20-451	9	20-849	6	24-830	25	25-553	31	25-800	29	28-836	43	33-197	47-52	33-587	50
20-452	9	22-101	38	24-831	25	25-554	32	25-801	29-58	28-837	43	33-198	52-47	33-588	50
20-453	9	22-103	0	24-902	15-25	25-555	32	25-802	29-58	28-843	43	33-199	52-47	33-589	50
20-454	9	22-105	39	24-906	25	25-556	32	25-803	29-58	28-845	43	33-202	52-47	33-590	50
20-455	9	22-106	39	24-952	25	25-557	32	25-805	29	28-862	43	33-203	52	33-691	50-53
20-456	9	22-107	39	24-955	25	25-558	32	25-806	34	28-865	43	33-204	52	33-593	50-53
20-457	9	22-113	39	24-957	25	25-559	32	25-807	29-58	28-866	43	33-205	52	33-594	53
20-458	9	22-114	39	24-958	25	25-560	32	25-808	29	28-867	43	33-206	52	33-595	50
20-611	22	22-115	39	24-959	25	25-561	32	25-809	29	28-868	43	33-212	52-47	33-596	50
20-612	22	22-116	39	24-960	25	25-562	32	25-810	29	28-869	0	33-223	52-47	33-597	50
20-613	22	22-117	39	24-961	26	25-570	32	25-811	29	28-875	43	33-224	52-47	33-600	53
20-614	22	22-118	39	24-962	26	25-572	32	25-812	29	28-876	43	33-227	47-53	33-601	53
20-623	15	22-125	39	24-963	26	25-574	32	25-813	29	28-877	43	33-228	47-53	33-603	53
20-624	15	22-128	39	24-964	26	25-576	32	25-814	29	28-878	43	33-237	53	33-617	50
20-625	15	22-130	39	24-965	26	25-578	32	25-815	29	28-879	43	33-246	6-47	33-618	50
20-626	15	22-161	38	24-967	26	25-580	32	25-825	29	28-880	43	33-250	53	33-622	50
20-627	15	22-163	38	24-968	26	25-590	32	25-828	29	28-881	43	33-270	47	33-623	50
20-628	15	22-171	38	24-970	26	25-591	32	25-830	29	28-882	43	33-277	53	33-630	50
20-630	15	22-173	38	24-973	26	25-592	32	25-831	29	28-884	43	33-278	40-53	33-639	51
20-631	15	22-181	38	24-974	26	25-593	32	25-839	29	28-885	43	33-279	40-53	33-640	51
20-632	15	22-183	38	25-100	30	25-600	32	25-840	29	28-886	43	33-282	53	33-641	51
20-633	15	22-191	38	25-100H	30	25-610	32	25-841	29	28-887	43	33-283	53	33-642	51
20-634	15	22-193	38	25-105	30	25-612	32	25-843	29	28-890	43	33-288	53	33-643	51
20-635	15	23-104	0	25-105H	30	25-625	32	25-844	29	28-891	43	33-290	53	33-644	51
20-640	15	23-105	0	25-110	30	25-626	32	25-845	29	28-892	43	33-304	53	33-645	51
20-642	15	23-109	0	25-110H	30	25-628	32	25-850	29	28-894	43	33-307	53	33-646	51
20-643	15	23-115	0	25-115	30	25-640	32	25-851	29	28-896	43	33-340	53	33-648	51
20-650	15	23-144	0	25-115H	30	25-642	32	25-852	29	30-102	4	33-341	53	33-700	51
20-651	15	23-200	24	25-130	30	25-644	32	25-853	29	30-136	4	33-342	53	33-701	51
20-652	15	23-201	24	25-130H	30	25-646	32	25-854	29	31-105	2	33-343	53	33-702	51
20-653	15	23-202	24	25-135	30	25-650	32	25-856	29	31-111	2	33-344	53	33-703	51
20-654	16	23-203	24	25-135H	30	25-651	32	25-857	23-26	31-113	2	33-381	53	33-704	51
20-656	16	23-204	24	25-140	30	25-652	32	25-859	29	31-200	4	33-387	53	33-705	51
20-657	16	23-205	24	25-140H	30	25-653	32	25-861	29	31-211	7	33-389	53	33-711	51
20-658	16	23-210	24	25-145	30	25-654	32	25-862	29	31-212	7	33-391	53	33-712	51
20-659	16	23-211	24	25-145H	30	25-655	32	25-863	29	31-425	58	33-395	53	33-714	51
20-660	16	23-220	24	25-150	33	25-656	32	25-864	29	31-431	59	33-397	53	33-715	51
20-661	16	23-221	24	25-155	33	25-657	32	25-865	29	31-438	59	33-399	53	33-716	51
20-721	8	23-222	24	25-160	33	25-661	32	25-866	29	31-505	2	33-403	53	33-717	51
20-722	8	23-226	24	25-165	33	25-662	32	25-870	29	31-506	2	33-405	53	33-718	51
20-723	8	23-227	24	25-305	30	25-663	32	25-873	30	31-511	2	33-411	53	33-916	50
20-724	8	23-230	25	25-305H	30	25-664	32	25-874	30	31-513	2	33-413	53	33-921	50
20-725	8	23-231	25	25-307	30	25-665	32	28-100	40	31-521	2	33-415	53	33-924	50
20-726	8	23-240	25	25-307H	31	25-666	32	28-101	40	31-523	2	33-445	53	33-925	50
20-727	16	23-244	25	25-315	31	25-667	32	28-211	40	31-651	3	33-446	53	33-927	50
20-728	8	23-255	0	25-315H	31	25-668	32	28-213	40	31-652	3	33-448	53	34-110	43
20-731	8	23-256	0	25-317	31	25-669	32	28-221	40	31-653	3	33-449	53	34-111	44
20-732	8	23-404	0	25-317H	31	25-670	32	28-223	40	31-659	4	33-450	53	34-333	47-53
20-733	8	23-405	0	25-335	31	25-671	32	28-290	40	31-660	4	33-500	51	34-334	47
20-734	8	23-409	0	25-335H	31	25-672	32	28-295	40	31-661	4	33-501	51	34-350	46
20-735	8	23-415	0	25-337	31	25-673	32	28-297	40	31-663	4	33-502	51	34-351	46
20-736	8	23-418	0	25-337H	31	25-674	32	28-311	41	31-680	21	33-503	51	34-352	46
20-737	16	23-444	0	25-345	31	25-675	32	28-313	41	31-681	21	33-504	51	34-370	46
20-738	8	23-475	0	25-345H	31	25-676	33	28-321	41	31-690	4	33-505	51	34-371	46
20-741	9	23-476	0	23-347	31	25-677	33	28-323	41	31-700	3	33-506	51	34-421	45
20-742	9	23-505	23	25-347H	31	25-678	33	28-350	41	31-705	3	33-507	51	34-422	45
20-743	9	23-510	23	25-355	33	25-679	33	28-352	42	31-711	3	33-508	51	34-423	45
20-744	9	23-555	23	25-357	33	25-680	28	28-353	43	31-713	3	33-509	51	34-425	44
20-745	9	23-560	23	25-365	33	25-681	28	28-354	43	31-721	3	33-510	51	34-431	44
20-746	9	23-600	24	25-367	33	25-682	28	28-355	43	31-723	3	33-512	51	34-433	44
20-747	9	23-601	58	25-500	4-31	25-683	28	28-361	42	31-803	21	33-514	51	34-450	45
20-748	9	23-603	24	25-502	4-31	25-684	28	28-363	42	31-804	4-23	33-516	51	34-451	45
20-751	9	23-606	24	25-504	33	25-685	29	28-365	0	31-852	2	33-518	51	34-471	45
20-752	9	23-607	24	25-505	34	25-686	29	28-366	42	31-856	2-21	33-520	51	34-472	45
20-753	9	23-620	24	25-506	34	25-687	29	28-367	42	31-875	59	33-521	53	34-600	44
20-754	9	23-621	24	25-507	34	25-688	29	28-368	42	31-876	59	33-523	50	34-611	44
20-755	9	23-625	23	25-508	34	25-689	29	28-370	42	31-877	59	33-524	50	34-612	44
20-756	9	23-800	24	25-513	34	25-690	29	28-371	42	33-106	52	33-525	51	34-620	7
20-757	9	23-802	21	25-514	34	25-691	29	28-373	42	33-108	52	33-526	50	34-631	7
20-758	9	23-805	23-25	25-520	31	25-692	29	28-374	42	33-110	52	33-527	50	34-640	49
20-800	6	23-815	25	25-521	31	25-693	33	28-376	42	33-112	52	33-528	50	34-642	49
20-801	6	23-816	25	25-522	31	25-694	33	28-377	42						

Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
34-662	47	35-131	48	40-213	54	46-834	38	49-193	7	49-576	21	83-510	60	D-139	57
34-663	47	35-190	48	40-305	54	46-835	53	49-194	7	49-580	21	83-560	60	D-140	57
34-664	7	35-191	48	40-311	54	46-836	53	49-195	5	49-581	21	83-611	0	D-141	57
34-671	44-49	35-192	48	40-313	54	46-842	38	49-196	5	49-582	21	84-977	60	D-142	57
34-700	46	35-193	48	40-800	7	46-845	38	49-208	45	49-583	21	85-010	x	D-143	57
34-701	46	35-194	48	40-805	54	46-848	35	49-210	39	49-584	21	85-080	60	D-144	57
34-703	46	35-195	48	41-174	39	46-850	35-37	49-212	39	49-585	0	85-110	60	D-145	57
34-704	46	35-196	48	41-175	39	46-864	35	49-214	39	49-586	21	86-520	60	D-146	57
34-705	46	35-197	48	41-177	39	46-891	37	49-216	30	49-587	21	86-720	60	D-147	57
34-707	47	35-198	48	41-194	39	46-892	37	49-235	16	49-588	21	86-730	x	D-148	57
34-720	46	35-200	48	41-195	39	46-893	37	49-302	4-33	49-589	21	86-920	60	D-149	57
34-721	47	35-201	48	41-197	39	46-894	37	49-304	59	49-590	21	86-921	60	D-150	57
34-722	46	35-202	48	41-504	43	46-895	35	49-309	22	49-591	21	86-922	60	D-151	57
34-723	46	35-204	48	41-505	43	46-905	35-37	49-310	22	49-592	21	86-930	x	D-155	57
34-724	46	35-206	48	41-617	6	46-916	38	49-311	22	49-593	21	87-010	60	D-171	57
34-725	46	35-208	48	41-627	6	46-934	35-38	49-312	22	49-594	21	87-120	60	D-172	57
34-726	46	35-209	48	41-924	43	46-948	38	49-313	22	49-595	0	87-121	60	D-173	57
34-727	46	35-211	48	41-925	43	46-950	38	49-315	22	49-596	21	87-210	60	D-174	57
34-728	46	35-212	48	43-110	55	46-951	38	49-316	22	49-597	21	87-310	60	D-175	57
34-729	47	35-213	48	43-111	55	46-954	35-38	49-317	22	49-610	5-7	93-410	x	D-176	57
34-730	47	35-221	48	43-205	56	46-961	38	49-318	22	49-611	5-7	93-510	x	D-177	57
34-804	47	35-222	48	43-211	56	46-963	35-38	49-322	59	49-614	5-7	93-610	60	D-178	57
34-813	47	35-223	48	43-213	56	46-965	35	49-324	59	49-618	5-7	96-320	60	D-179	57
34-821	47	35-224	48	43-803	55	46-966	35-38	49-325	22	50-145	38	96-620	x	D-180	57
34-826	44	35-225	48	43-804	55	46-970	38	49-330	23	50-146	38	96-720	x	D-190	57
34-827	44	35-226	48	43-817	18	49-101	4-16	49-331	23	50-168	0	97-320	60	D-191	57
34-831	44	35-227	48	43-826	56	49-102	4-16	49-333	59	50-208	x	97-420	60	D-192	57
34-840	53	35-228	48	43-827	56	49-103	4-17	49-334	59	50-304	26	98-111	60	D-193	57
34-841	53	35-229	48	43-900	58	49-105	4-55	49-337	23	50-305	55	98-161	60	D-195	57
34-842	6	35-230	48	43-901	58	49-106	4	49-338	59	50-306	44	98-321	60	D-196	57
34-863	44	35-233	48	43-935	55	49-108	4-16	49-339	4-50	50-307	0	98-331	x	D-197	57
34-866	44	35-234	48	43-936	55	49-109	4-16	49-360	48-49	50-308	7	98-421	60	D-198	57
34-870	44	35-235	48	43-980	53	49-111	5	49-362	3-19	50-310	59	D-1	19	D-199	57
34-872	44	35-236	48	43-990	53	49-115	5	49-363	2-26	50-315	45	D-2	19	D-201	57
34-874	44	35-237	48	46-111	34	49-118	4	49-364	45-48	50-320	50	D-3	19	D-202	57
34-875	45	35-238	48	46-114	34	49-120	5-30	49-365	23-34	50-328	40	D-4	19	D-203	57
34-877	44	35-241	48	46-116	34	49-121	5-30	49-367	0	50-329	44	D-10	19	D-204	57
34-880	53	35-242	48	46-305	35	49-124	5	49-369	23	50-353	59	D-11	19	D-205	57
34-881	22	35-243	48	46-310	35	49-126	5	49-370	59	50-370	27	D-12	19	D-205S	58
34-882	22	35-245	48	46-311	24-35	49-127	5	49-372	0	50-399	7-16	D-13	19	D-206	57
34-883	22	35-246	48	46-313	35	49-130	5-40	49-376	23	50-400	7-16	D-20	19	D-206S	58
34-884	45	35-247	48	46-321	35	49-132	5	49-377	23	50-401	15	D-21	19	D-207	57
34-900	44	37-110	26	46-323	35	49-135	5-27	49-378	23	50-406	2	D-30	19	D-208	57
34-903	34-37	37-113	7	46-400	36	49-140	5	49-379	59	50-432	3	D-31	19	D-208S	58
34-904	47	37-114	7	46-411	36	49-141	5	49-380	53	50-435	4	D-40	19	D-209	57
34-905	47	37-121	26	46-413	36	49-142	5	49-381	23	50-500	38	D-41	19	D-210	57
34-906	47	37-220	26	46-430	37	49-144	5	49-385	23	50-506	16-17	D-50	19	D-211	57
34-925	46	37-221	26	46-431	37	49-146	5	49-391	39	50-550	53	D-51	19	D-212	57
34-930	47	37-222	26	46-432	37	49-148	5	49-392	34	50-656	27	D-60	19	D-213	57
34-931	47	37-231	26	46-440	37	49-149	5	49-393	23	50-716	54	D-61	20	D-214	57
34-932	47	37-233	26	46-441	37	49-150	5-46	49-394	23	50-717	54	D-62	20	D-215	57
34-933	47	37-241	26	46-470	22	49-151	5	49-396	23-34	50-800	27	D-63	20	D-217	57
34-935	46	37-243	26	46-471	22	49-152	5-7	49-397	23-34	50-801	26	D-69	20	D-218	57
34-938	46	37-251	26	45-472	22	49-153	5	49-398	23	50-810	44	D-70	20	D-219	57
34-940	48	37-253	26	46-473	22	49-154	5	49-399	23	50-821	19	D-71	20	D-228	57
34-941	48	37-290	26	46-491	37	49-156	5-39	49-500	6	50-875	48	D-80	20	D-229	57
34-942	46	37-293	7	46-492	37	49-157	5-39	49-503	3-4	50-891	43-48	D-100	56	D-230	57
34-943	46	37-294	7	46-493	37	49-160	5	49-520	6-21	60-013	60-24	D-101	56	D-231	57
34-945	48	37-302	27	46-494	37	49-162	5	49-521	7-21	62-110	13	D-102	56	D-235	57
34-947	46	37-305	27	46-495	37	49-163	5	49-529	21	62-213	x	D-103	56	D-238	57
34-948	46	37-308	27	46-496	37	49-164	43	49-531	21	62-253	60	D-104	56	D-247	57
34-949	46	37-310	27	46-500A	35	49-167	5-18	49-532	21	62-255	x	D-105	56	D-248	57
34-950	46	37-315	27	46-500B	35	49-168	5-18	49-533	21	62-273	60	D-106	56	D-249	57
34-952	46	37-316	27	46-500C	35	49-170	5-18	49-534	21	62-413	60	D-107	56	D-250	57
34-961	48	37-317	27	46-510	35	49-171	0	49-535	21	62-610	60	D-108	56	D-251	57
34-962	48	37-331	27	46-511	35	49-172	5	49-538	22	62-653	60	D-109	56	D-252	57
34-963	48	37-333	27	46-513	35	49-173	5	49-539	22	62-680	60	D-110	56	D-253	57
34-964	48	37-341	27	46-550	37	49-174	5	49-541	22	62-710	28	D-120	56	D-254	57
34-965	48	37-343	27	46-551	37	49-176	5	49-550	59	62-810	x	D-121	56	D-255	57
34-966	48	37-605	49	46-801	34-37	49-177	5	49-551	59	62-830	x	D-123	56	D-256	57
34-967	48	37-611	49	46-802	34-37	49-178	5	49-552	59	66-120	60	D-124	56	D-257	57
34-969	48	37-613	49	46-803	34-37	49-179	5-7	49-554	54	66-320	60	D-125	56	D-258	57
34-974	44	37-802	26	46-804	34-37	49-180	59	49-555	54	66-321	x	D-126	56	D-259	57
34-975	44	37-806	26	46-810	35	49-181	59	49-556	21	66-330	x	D-127	56		
35-100	48	37-807	27-50	46-815	4-37	49-182	7	49-557	21	66-340	60	D-128	56		
35-101	48	37-808	27	46-817	4-37	49-183	59	49-558	21	66-710	x	D-129	56		
35-102	48	37-810	27	46-822	38	49-184	59	49-559	21	66-770	x	D-130	56		
35-103	48	37-812	0	46-823	38	49-185	59	49-560	21	66-820	x	D-131	56		
35-104	48	37-815	27	46-824	38	49-186	59	49-561	21	66-840	x	D-132	56		
35-106	48	37-820	27	46-825	38	49-187	59	49-562	21	82-710	60	D-133	56		
35-110	48	37-826	27			49-188	59	49-563	21	82-910	60	D-134	57		
35-120	48	40-100	54	46-827	38	49-189	7	49-564	21	83-112	60	D-135	57		
35-121	48	40-101	54	46-829	38	49-190	7	49-565	21	83-210	x	D-136	57		
35-123	48	40-205	54	46-830	35	49-191	7	49-566	48	83-311	60	D-137	57		
35-126	48	40-211	54	46-831	35	49-192	7	49-567	48	83					

HOW TO ORDER DELTA POWER TOOLS

All orders for Delta Power Tools and accessories (except service parts) should be sent direct to:

The Rockwell Manufacturing Company
Delta Power Tool Division
400 North Lexington Avenue
Pittsburgh 8, Pennsylvania

To make it possible for us to process your orders promptly and accurately without unnecessary delay, we recommend the following procedures:

1. Order by catalog number with a brief but accurate description of each item.
2. Keep catalog numbers in straight columns and double space to facilitate reading.
3. List items separately that are cataloged separately. For example, do not order a drill press complete with motor, switch and lamp attachment, since each of these items has a separate catalog number and considerable delay will be involved if you do not specify all numbers.
4. Wherever feasible, all-inclusive catalog numbers have been established for "preferred" or "most used" combinations of machine, stand, motor and electrical control. They are clearly indicated in the catalog and should be used in ordering.
5. Items such as scroll saw blades, sanding sleeves, etc., are packaged in quantities. Please order such items by the package catalog number, for example, 10 packages #92 scroll saw blades.
6. Where you have a choice on pulleys, be sure to specify bore. Otherwise, we will ship most popular bore for pulley involved.
7. Orders for f. o. b. factory items such as multiple spindle drill presses, 8" jointers, etc., should be placed on a separate purchase order and **not** combined with an order for warehouse items.

Starters and Special Motors

Allow six to eight weeks for delivery of special motors. Be sure to show all specifications when ordering special motors. When ordering starters, indicate the horsepower and voltage that will be used. This will assure our furnishing the correct heating elements.

Service Parts

Send all orders for service parts to the closest Service Parts Distributor, except warranty replacement.



Rockwell MANUFACTURING COMPANY

DELTA POWER TOOL DIVISION

PITTSBURGH 8, PENNSYLVANIA