

Model 45 12" Lathe

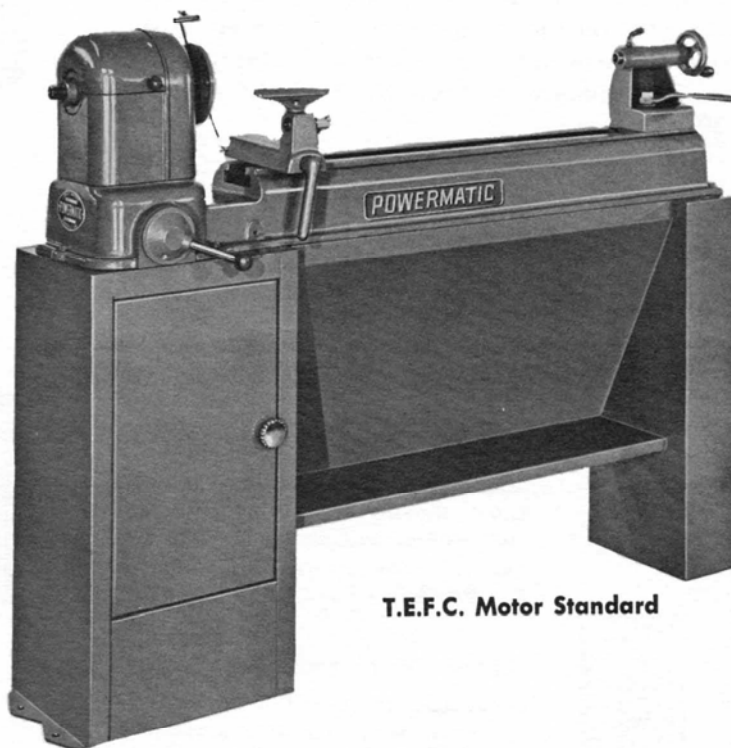
ALL MACHINES PERFORMANCE TESTED BEFORE SHIPMENT

new, medium-weight variable or four-speed model

From cabinet and school shops to industrial high production, the Powermatic 45 is acclaimed superior in its field! The big one-piece cast iron bed and rugged reinforced steel cabinet base assure vibration-free performance on every job.

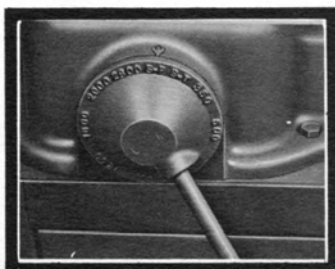
For wood turning, metal spinning*, or both . . . large or small job precision performance is simple in record time, with maximum safety for the experienced operator or the novice.

***NOTE**—To use as metal spinning lathe, the following accessories are required: 4500-16, 4500-15, and 4500-39.

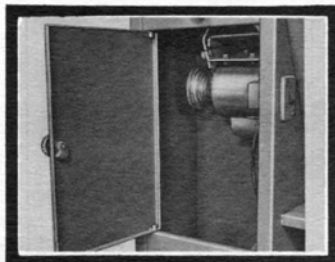


T.E.F.C. Motor Standard

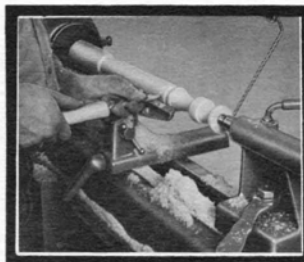
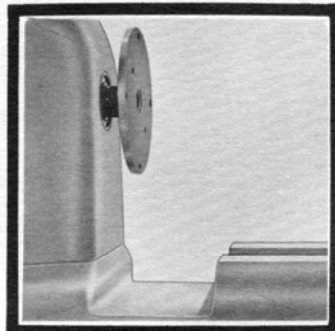
Instant-Set Speed Control is easy to read without stooping or bending. Large calibrations for fast, accurate setting.



Motor Fully Protected against damage from dust and chips in enclosed base. Easy access through door in cabinet base.



Choice of Straight or Gap Bed. Handles up to 12" stock over straight bed. #45 handles 16" stock over gap.



Constant, Smooth Cutting Precision assured through non-slip drive mechanism. Cutting tool bites freely and evenly with minimum effort.

rugged stability guarantees perfect cutting control

FEATURES

CAPACITY: Swing 12" over straight lathe bed; 16" over gap bed. 39" between centers.

BED: One-piece construction of finest grey iron casting, rib-reinforced for permanent perfect alignment and maximum rigidity. Standard bed length 59".

HEAD STOCK: Available with built-in variable speed drive from 350 to 2800 RPM or with four-speed drive of 915, 1380, 2150 and 3260 RPM. Drive pulley spindle mounted between extra large sealed-for-life ball bearings for smoother operation at any speed.

SPINDLE: 60-stop type with steel plunger-type index wheel. Machined from special carbon steel and precision ground for perfect running alignment and balance. Arc threaded 1". Nose is bored for No. 2 Morse Taper. Locking pin holds spindle rigid for easy face plate removal.

TAIL STOCK: 1" tail stock spindle is bored for a No. 2

Morse Taper. The center may be easily removed by using the large hand-wheel to back out the tail stock screw.

MOTOR DRIVE: Motor is mounted in lathe cabinet with wide V-belt and two variable sheaves (in variable speed model) or multiple mounted inverse pulleys (in four-speed model). Drive fully accessible through snap-up drive guard on top of lathe head.

LATHE BASE: Ruggedly built of heavy-gauge, reinforced steel. Designed for complete vibration-free operation whether machine is anchored or not. Large hinged door for quick access to motor and tool storage area in base. Full length chip deflector apron.

MOTOR SWITCH: Toggle type mounted away from exposed operational area to prevent accidental engagement. Special switch available for starting at slow speed only. (See accessories, P. 27)

STANDARD EQUIPMENT

45-4 SPEED LATHE LESS MOTOR: 16" Tool rest, 1 12" tool rest, 1 cup center, 1 spur center, 1 faceplate wrench, 1 6" faceplate, 1 center drift rod, index wheel, blueprint holder, tool support base, tailstock wrench, motor base, V-belt and motor pulley—Less motor, switch and wiring.

45 LATHE WITH MOTOR (variable or 4-speed): 16" Tool rest, 1 12" tool rest, 1 cup center, 1 spur center, 1 faceplate wrench, 1 6" faceplate, 1 center drift rod, index wheel, blueprint holder, tool support base, tailstock wrench, motor base, V-belt and motor pulley—motor, switch and wiring.

STANDARD MACHINES

4500-01—#45 Four Speed (Gap Bed) Lathe with standard equipment.

4500-02—#45 Four Speed (Gap Bed) Lathe with standard equipment and ½-HP, 1-phase motor, switch #1-21, cord and plug.

4500-03—Same as 4500-02 except with ½-HP, 3-phase motor and switch #3-25.

4500-04—#45 Four Speed (Straight Bed) Lathe with standard equipment.

4500-05—#45 Four Speed (Straight Bed) Lathe with standard equipment, ½-HP, 1-phase motor and switch #1-21, cord and plug.

4500-06—Same as 4500-05 except with ½-HP, 3-phase motor and switch #3-25.

4500-07—#45 Variable Speed (Gap Bed) Lathe with standard equipment and ¾-HP, 1-phase motor and switch #1-21.

4500-08—Same as 4500-07 except with ¾-HP, 3-phase motor and switch #3-25.

4500-09—#45 Variable Speed (Straight Bed) Lathe with standard equipment and ¾-HP, 1-phase motor and switch #1-21.

4500-10—Same as 4500-09 except with ¾-HP, 3-phase motor and switch #3-25.

SPECIAL LISTINGS

4500-35—Four Speed (specify gap or straight bed) with standard equipment, ½-HP, 1-phase motor with O/L switch #1-23 cord and plug.

4500-36—Four Speed (specify gap or straight bed) with standard equipment, ½-HP, 1-phase motor and switch and magnetic controls #1-29 and #1-3-32.

4500-37—Variable Speed (specify gap or straight bed) with standard equipment, ¾-HP, 3-phase motor with O/L Switch #3-27.

4500-38—Variable Speed (Specify gap or straight bed) with standard equipment, ¾-HP, 3-phase motor and magnetic controls #3-30 and #1-3-32.

OPTIONAL ACCESSORIES (see page 36)

SPECIFICATIONS

Overall Length.....63"
Distance between centers.....39"
Swing over bed.....12"
Swing over gap.....16"
Width of gap.....4½"
Variable Speed range.....350 to
2800 RPM

Step pulley, four speed
drive.....915-1380-2150-3260 RPM
Motor recommended, variable
speed model.....¾-HP
Motor recommended, four
speed drive.....½-HP
Height of bed from floor.....36"

Spindle, inboard and outboard
1" #2 Morse Taper—8 Thread
Weight, net with stand
and motor.....350 lbs.
Weight, domestic crated with
stand and motor.....439 lbs.
Export boxed, with stand
and motor (49.4 cu. ft.).....540 lbs.

to speed production on every turning job

SPECIAL HIGH PERFORMANCE TURNING TOOLS

Require less tool care than standard tools.

4500-50—For #45 Lathe, wt. 4 lbs.

900-50—For #90 Lathe, wt. 4 lbs.

TOOL SUPPORT BASE:

For use when making extra long turnings requiring 24" tool support.

4500-44—For #45 Lathe, wt. 12 lbs.

900-29—For #90 Lathe, wt. 12 lbs.

OUTBOARD TURNING STAND

Floor stand with offset tool holder for turning pieces larger than 12" diameter.

4500-12—For #45 Lathe, wt. 75 lbs.

900-12—For #90 Lathe, wt. 75 lbs.

FACE PLATE

#90 #45

3" R.H. face plate (2 lbs.)...900-17 4500-17

4" R.H. face plate (2 lbs.)...900-18 4500-18

6" R.H. face plate (3 lbs.)...900-19 4500-19

8" R.H. face plate (6 lbs.)...900-20 4500-20

12" R.H. face plate (9 lbs.)...900-21

8" Outboard face plate
(6 lbs.)...900-22 4500-22

METAL SPINNING TOOLS:

Set of 5, consisting of: flat tool, pointed tool, flat ball, diamond point and beading roll.

4500-15—For #45 Lathe, wt. 12 lbs.

900-15—For #90 Lathe, wt. 12 lbs.

WOOD TURNING CHISELS:

Set of 8 turning tools, consisting of 1/4" skew, 1/2" skew, 3/4" skew, 1/2" round point, 1/4" gouge, 1/2" gouge, 3/4" gouge and 1/2" parting tool.

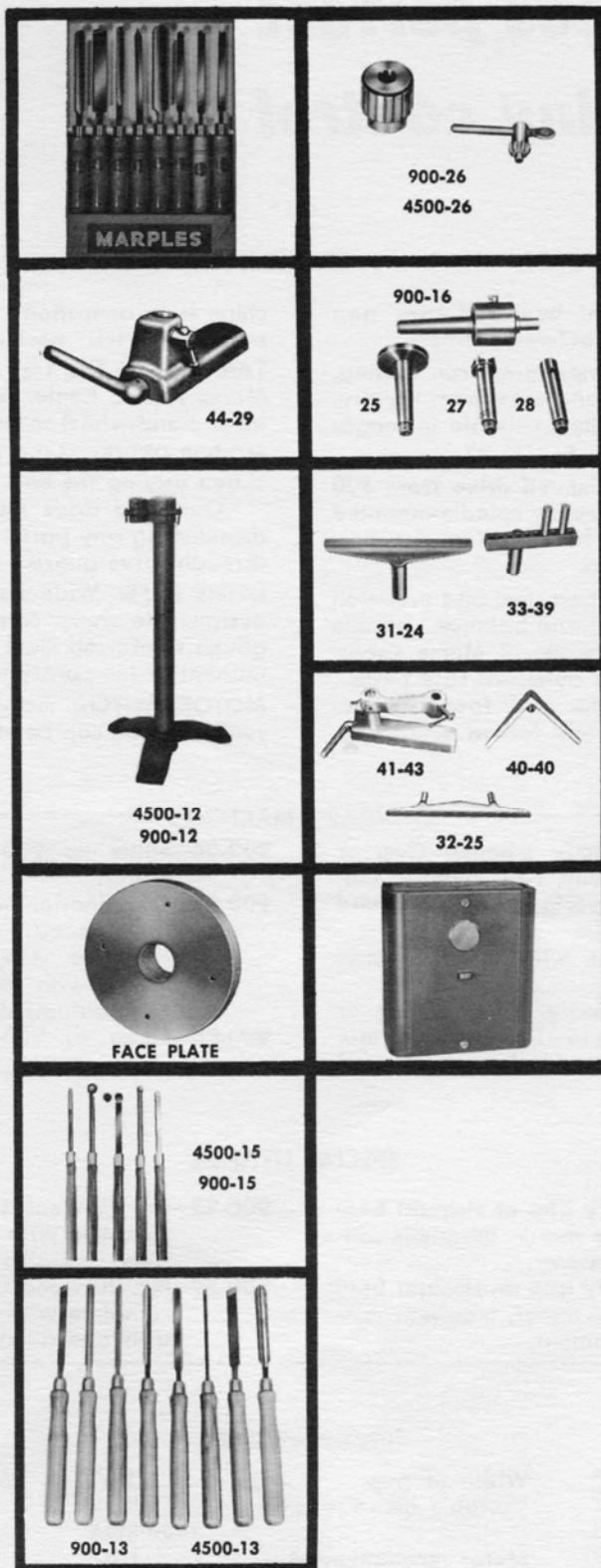
4500-13—For #45 Lathe, wt. 5 lbs.

900-13—For #90 Lathe, wt. 5 lbs.

Set of 6 turning tools, consisting of 1" skew, 3/4" skew, 1/2" skew, 1/2" round, 3/8" gouge and 1/2" parting tool.

4500-14—For #45 Lathe, wt. 4 lbs.

900-14—For #90 Lathe, wt. 4 lbs.



CHUCKS:

#90 #45

3" screw chuck,
threaded, 1 lb.900-23

2" screw chuck,
No. 2 Taper, 8 oz.900-25

1/2" three-jaw chuck,
with No. 2 Taper Arbor,
1 1/2 lb.900-26 4500-26

CENTERS:

#90 #45

Ball bearing tail stock

center, 1 lb.900-16 4500-16

1" spur center, 4 oz.900-27 4500-27

3/4" cup center, 4 oz.900-28 4500-28

TOOL SUPPORTS:

#90 #45

Right angle tool support

(3 lbs.)900-40 4500-40

6" tool support (1 1/2 lb.)...900-30 4500-23

12" tool support (2 lbs.)...900-31 4500-24

24" tool support (5 lbs.)...900-32 4500-25

Metal spinning tool rest

(3 lbs.)900-33 4500-39

Offset tool support

(3 lbs.)900-41 4500-43

ELECTRICALS:

4500-29—Magnetic 1-phase Switch #1-29
& 1-3-32, wt. 6 lbs.

4500-30—Magnetic 3-phase Switch #3-30
& 1-3-32, wt. 6 lbs.

4500-41—JIC Electricals for 1 or 3-phase
operation, wt. 20 lbs.

4500-42—Magnetic starter with built-in
110-volt transformer wired to
push-button station, wt. 15 lbs.

4500-45—Magnetic controls with special
slow start feature. Specify
phase desired.

4500-33—3-wire 8' cord and plug.

4500-34—4-wire 8' cord and plug.

4500-31—1-phase overload switch, #1-23,
wt. 3/4 lb.

4500-32—3-phase overload switch, #3-27,
wt. 1 lb.

900-10—Magnetic starter with built-in
110-volt transformer wired to
push-button station, wt. 15 lbs.

900-11—Magnetic controls for 1 or 3-
phase operation, wt. 7 lbs.

900-42—JIC Electricals for 1 or 3-phase
operation, wt. 20 lbs.

900-34—3-wire 8' cord and plug.

900-35—4-wire 8' cord and plug.

OPERATING INSTRUCTIONS AND PARTS LIST

Model 45 Lathe

VARIABLE & STEP PULLEY

POWERMATIC, COMPANY

A DIVISION OF HOUDAILLE INDUSTRIES, INC.

McMinnville, Tennessee

GENERAL SET-UP AND ALIGNMENT

1. RECEIVING

Uncrate and check for shipping damage. Clean all coated and greased surfaces. Read instructions thoroughly. Locate all lubrication points, adjustments; methods of drive.

2. MOUNTING

Mount machine securely to solid foundation. Locate in clean, dry and well ventilated building if possible. Motor and electrical connections should be protected when not in operation or if exposed to weather elements.

3. INSPECTION

The above machine requires the minimum amount of attention in service. Periodic or regular inspections are recommended to insure machine is in proper adjustment, positive electrical connections; worn or loose "V" belts and bearings heating or loose.

4. BEFORE OPERATING

Check motor nameplate data or wiring diagram of motor and switch for proper voltage connection before wiring into line. Run motor without load to check the connections and direction of rotation. Always refer to motor nameplate for rotation connections.

SAFETY RULES FOR LATHE OPERATORS

1. Base of Lathe should be grounded to a water pipe or central grounding station.
2. Care should be taken to keep clothing away from lathe during operation. Loose objects, such as ties, unbuttoned shirt sleeves, etc. should either be removed or secured.
3. Lathe should **always** be started at slow speeds.
4. All large and uneven work should be run at slow speeds.
5. Centers should be checked at regular intervals while operating.
6. When sanding, never grip a piece of sandpaper over the work.
7. Be SURE centers are free from burrs and dirt before inserting them in tapers.
8. NEVER use dull turning tools. Sharp instruments prevent "grabbing" or the jerking of tools from operators' hands.
9. Always keep turning tools on or above center of work being turned. Tools held below center will not give top quality turning and are hazardous not only to the operator but to others in the area.

OPERATING ADJUSTMENTS

The Variable Speed model has a speed range from 350 to 2800 RPM. Speed is regulated with a dial and handle mounted on Lathe head stock. Turn dial to right to increase spindle speed and left to decrease.

To change speed on the Step pulley model, raise the motor by turning dial handle on head stock to the left. This will slack drive belt so it may be changed to a higher or slower speed groove. To increase speed, run drive belt in smaller grooves on lathe spindle. To decrease, run in larger grooves. To increase or decrease tension on motor drive belt (step pulley model), loosen set screws on each side of lathe bed, adjust, and re-set screws.

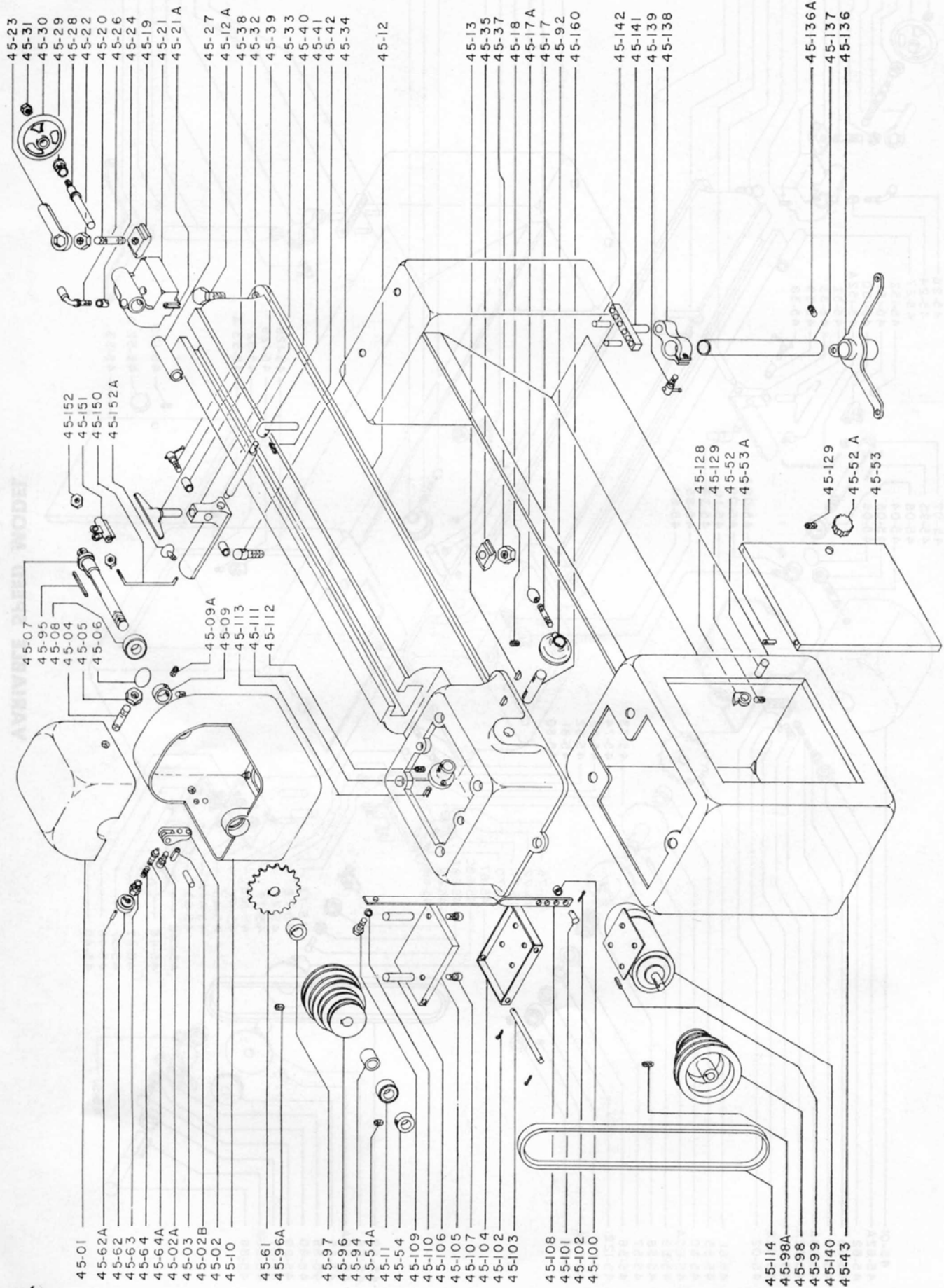
LATHE SPINDLE: To remove Lathe spindle, remove the two cap screws that lock inboard bearing in place. Remove large nut on the out-board end of the spindle, and drive spindle out by bumping with a wooden block.

TAIL STOCK: The tail stock is held in place with a bolt that tightens or loosens clamp under bed ways. To remove the tailstock, loosen clamp and slide assembly off the end of the lathe bed. Tail stock quill may be removed by turning tailstock handwheel until screw backs out of the quill. When replacing screw, be SURE it does NOT cross thread in the quill and damage screw thread.

SPINDLE AND QUILL CARE: The head and tailstock spindles are fitted with a Number 2 Morse Taper, and care should be taken when inserting centers or other tools. Make sure tapers are clean and free from burrs—or tapers may be damaged. To remove centers or other tools from tailstock, turn handwheel counter-clockwise until screw forces center from quill. Head stock tools should be removed with a center drift rod.

TOOL REST BASE: This base supports the tool rest, and can be locked in any desired position with lock handle. If tool rest base does not lock properly, adjust the nut in lock bar under tool rest base. The tool rest is locked in position with a "lock" bushing on the side of the tool rest base, and should be set approximately $\frac{1}{8}$ " above the center of the work to be turned. For more detailed instruction on the operation of lathes and the many projects which may be performed in this machine, we would suggest that you purchase one of the many excellent books on woodturning.

INDEXING MECHANISM: The indexing plate is mounted on lathe spindle and features 60 notches which can be indexed with a lock pin mounted on the back of the head stock. It is used to lay out work in the lathe and to cut reeds. This indexing stop should NOT BE USED TO REMOVE FACT PLATES.



STEP-PULLEY MODEL

MODEL 45 LATHE PARTS LIST

	Number Required		Number Required
45-01	1	45-55	1
45-02	1	45-56	1
45-02A	1	45-57	1
45-02B	1	45-58	1
45-03	1	45-59	1
45-04	1	45-60	1
45-05	1	45-60A	1
45-06	1	45-61	1
45-07	1	45-62	1
45-08	1	45-62A	1
45-08A	1	45-63	1
45-08B	9	45-64	1
45-09	1	45-64A	1
45-10	1	45-65	1
45-10A	4	45-66	1
45-11	1	45-67	1
45-12	1	45-68	1
45-12A	5	45-68A	1
45-12B	1	45-68B	1
45-12C	1	45-68C	1
45-13	2	45-68D	1
45-16	1	45-68E	1
45-17	1	45-68F	1
45-17A	1	45-68G	1
45-18	5	45-69	1
45-19	1	45-70	1
45-20	1	45-71	1
45-21	1	45-72	2
45-21A	1	45-73	1
45-22	1	45-74	1
45-23	1	45-75	1
45-24	1	45-76	4
45-26	1	45-77	4
45-27	1	45-79	1
45-28	1	45-80	1
45-28A	1	45-81	1
45-29	1	45-82	1
45-31	7	45-83	1
45-31A	10	45-84	1
45-32	1	45-85	1
45-33	1	45-85A	1
45-33A	1	45-86	1
45-34	1	45-86A	1
45-35	1	45-87	2
45-37	1	45-88	1
45-38	1	45-89	2
45-38A	1	45-90	4
45-38B	2	45-91	2
45-39	1	45-92	1
45-39A	1	45-93	1
45-40	1	45-94	1
45-40A	1	45-94A	1
45-41	1	45-95	1
45-42	1	45-96	1
45-43	1	45-97	1
45-43A	1	45-98	1
45-44	2	45-100	1
45-44A	2	45-101	1
45-44B	6	45-102	3
45-45	1	45-103	1
45-46	2	45-104	1
45-46A	2	45-105	1
45-47	4	45-106	2
45-47B	4	45-107	2
45-48	1	45-107A	2
45-49	4	45-108	1
45-51	4	45-109	1
45-52	1	45-110	1
45-52A	1	45-111	1
45-53	1	45-112	2
45-53A	2	45-113	1
45-53B	2		
45-53C	1		
45-54	1		
		Spacer, indexing wheel	1
		Lock ring V. S. pulley SS-125	1
		Cap spring	1
		Spring, V. S. pulley (16225)	1
		Sheave, variable speed, sliding L-118	1
		Sheave, variable speed rigid L-119	1
		Splitpin $\frac{1}{4}$ x $2\frac{1}{2}$	1
		Sprocket, indexing, 60 teeth 35A60	1
		Knob, indexing plunger	1
		Splitpin $\frac{1}{8}$ x $\frac{3}{8}$	1
		Housing, indexing plunger	1
		Spring, J101	1
		Plunger, indexing	1
		Pulley driven as 34- $\frac{3}{4}$	1
		Sheave, variable speed,	
		rigid lower L-116	1
		Sheave, variable speed,	
		sliding lower L-117	1
		Bearing, fafnir 9106PP	1
		Plug, bearing C' sunk (1150-610A)	1
		Bearing plate	1
		Screw, $\frac{1}{4}$ -20 x 1" flat head	1
		Plug, bearing plain (1150-6C)	1
		Rubber bushing, $\frac{1}{4}$ x $\frac{1}{2}$ x 1	1
		Screw, $\frac{1}{4}$ -20 x $1\frac{1}{4}$, fillister head	1
		Nut, $\frac{1}{4}$ -20 hex	1
		Belt, variable speed pulley 1422V420	1
		Bolt, $\frac{1}{2}$ -13 x $1\frac{1}{2}$ H. H.	1
		Arm, variable speed L-108	1
		Socket setscrew 5/16-18 x 5/16	2
		Bracket, variable speed mounting L-104	1
		Arm, variable speed cam	1
		Nut, hex $\frac{1}{2}$ -13	1
		Bolt, $\frac{3}{8}$ -16 x $1\frac{1}{4}$ hex head	4
		Washer $\frac{3}{8}$	4
		Pin variable speed cam arm	1
		Screw, cam bearing 5/16-18 x	
		$1\frac{1}{2}$ sock head	1
		Bearing, cam, ND 88008	1
		Washer lock 5/16	1
		Nut 5/16-18 hex	1
		Spring, V. S. cam 18156	1
		Cam, variable speed L-106	1
		Splitpin 3/16 x 1"	1
		Shaft, lower variable speed pulley	1
		Key shaft 3/16 x 3/16 x 3"	1
		Bearing fafnir 205PP	2
		Bearing housing, L-122	1
		Bolt, 7/16-14 x $1\frac{1}{4}$ H. H.	2
		Washer flat 7/16	4
		Nut, mtg. bolt, 7/16-14 hex	2
		Dial 4 speed L-115	1
		Belt, motor driven 4L230	1
		Spacer spindle	1
		Spacer, head spindle	1
		Key, head spindle $\frac{1}{4}$ x $\frac{1}{4}$ x $3\frac{3}{4}$	1
		Stepcone pulley, spindle drive SCZ-6-1	1
		Spacer spindle, indexing wheel	1
		Pulley stepcone SCZ3- $\frac{3}{8}$	1
		Spacer, 1050	1
		Pin 5/16 x 1 flat hd. modify	1
		Cotter key, 3/32 x $1\frac{1}{4}$	3
		Hinge rod, motor base	1
		Motor base	1
		Mounting bracket, motor base	1
		Adjusting rod motor base	2
		Rod, variable speed, motor base	2
		Bolt $\frac{3}{8}$ -16 x 1" hex head	2
		Lock washer $\frac{3}{8}$	2
		Arm, belt tension	1
		Bolt, 5/16-18 x $\frac{3}{4}$ hex head	1
		Washer, flat 5/16	1
		Cam, belt tension L-114	1
		Socket set screw 5/16-18 x 5/16	2
		Splitpin $\frac{1}{4}$ x 1	1

		Number Required			Number Required
45-114	Belt, 4L520	1	45-137B	Splitpin 5/16 x 2	1
45-115	Tool rest 12" L-23	1	45-138	Swivel outboard tool rest	1
45-116	Face plate 6" L-112	1	45-139	Lock screw, swivel, outboard tool rest	2
45-117	Face plate 8" L-113	1	45-139A	Handle UV-100	1
45-118	Face plate 4" L-111	1	45-139B	Handle lock screw 5/16 x 5	1
45-119	Face plate 3" L-121	1	45-139C	Knob UV-101	4
45-120	Face plate 2" L-110	1	45-140	Motor	1
45-121	Face plate 12" L-12	1	45-141	Tool rest, metal spinning	1
45-122	Spacer head spindle, var. speed	1	45-142	Pin, metal spinning tool rest	2
45-123	Tool rest, 24" L-34	1	45-143	Turning tools, set of 8	1
45-124	Post, tool rest 24"	2	45-144	Bolt, 1/4-20 x 1/2 rd. hd.	4
45-125	Socket cap screw, 3/8-16 x 3	2	45-145	Casting, offset tool rest, swivel L-35	1
45-126	Top bracket (special not pictured)	1	45-146	Lock, offset tool rest holder	1
56-127	Lock, compound (special not pictured)	1	45-150	Rod, blue print holder	1
45-128	Lock, cabinet door B-12	1	45-151	Clip, blue holder, hunt clip No. 2	1
45-129	Socket set screw 1/4-20 x 1/4	2	45-152	Nut, 1/4-20 hex	2
45-130	Cam, micro switch L-106	1	45-152A	Wing screw 1/4-20 x 3/4	1
45-131	Bracket, micro switch starting	1	45-153	Rod knockout	1
45-132	Bracket var. speed mtg. micro switch L-104	1	45-153A	Knob 187 x 3/8	1
45-133	Insert, live center	1	45-154	Pointer, speed dial, variable speed	1
45-134	Hardened, live center 2 mt.	1	45-155	Connector C-500	1
45-134A	Cup center 914	1	45-156	Socket set screw 3/8-16 x 3/8	2
45-134B	Spur center 924	1	45-157	Tool rest 90°	1
45-135	Pin swivel offset tool rest	1	45-158	Face plate outboard	1
45-136	Base, outboard tool rest	1	45-159	Splitpin, 1/4 x 1	1
45-136A	Setscrew socket, 1/2-13 x 1/2	1	45-160	Cam, shaft	1
45-137	Column outboard tool	1	45-161	Rivet 1/4 x 3"	1
45-137A	Plug column	1	45-162	Handle, machine nylon	1

MODEL 45 LATHE PARTS PRICE LIST

(EFFECTIVE MARCH, 1965)

PART NO.	DESCRIPTION	NO.	PRICE
45-01	Guard, belt	1	3.50
45-02	Hinge, belt guard	1	1.00
45-03	Pin, belt guard hinge	1	.10
45-04	Handle, belt guard	1	.20
45-06	Knob, belt guard handle	1	.40
45-07	Spindle, lathe head	1	11.50
45-08	Bearing, infeed spindle	1	4.50
45-09	Spacer, spindle bearing	1	1.50
45-10	Head casting	1	12.50
45-11	Bearing, outboard spindle	1	3.50
45-12	Lathe bed	1	50.00
45-13	Key, cam shaft	1	.15
45-14	Shaft, cam	1	1.00
45-15	Key, cam shaft	1	.15
45-16	Dial, variable speed	1	1.25
45-17	Handle, variable speed dial	1	.75
45-18	Set-screw, variable speed handle	1	.10
45-19	Clamp, tail stock	1	1.50
45-20	Bolt, tail stock clamp	1	.60
45-21	Tail stock	1	12.50
45-22	Nut, tail stock bolt	1	.50
45-23	Wrench, tail stock locking	1	1.00
45-24	Sleeve, quill lock	1	1.00
45-25	Washer, tail stock quill clamp bolt	1	.15
45-26	Bolt, tail stock quill clamp	1	1.25
45-27	Quill, tail stock	1	4.50
45-28	Screw, quill adjusting	1	2.50
45-29	Nut, quill adjusting screw	1	1.50
45-30	Handwheel, tail stock	1	2.00
45-31	Nut, tail stock handwheel	1	.35
45-32	Tool rest (6")	1	2.25
45-33	Clamp, tool support	1	6.50
45-34	Bolt, tool support clamp	1	1.50
45-35	Bracket, tool support clamp	1	1.25
45-36	Washer, tool support locking bolt	1	.20
45-37	Nut, tool support locking bolt	1	.35
45-38	Bolt, tool support clamp	1	1.75
45-39	Bushing, tool support clamp	1	.75
45-40	Shaft, tool rest eccentric	1	2.00
45-41	Handle, tool rest	1	1.15
45-42	Pin, tool rest handle	1	.10
45-43	Cabinet base	1	65.00
45-44	Rod, motor base mounting	1	.50

* SOLD AS COMPLETE UNIT ONLY

MODEL 45 LATHE PARTS PRICE LIST

(EFFECTIVE MARCH, 1965)

PART NO.	DESCRIPTION	NO.	PRICE
45-45	Base, motor	1	1.00
45-46	Bolt, motor base	1	.15
45-47	Bolt, motor mounting (4 each)	4	.15 Ea.
45-48	Pulley, motor	1	1.75
45-49	Nut, motor base bolt	4	.10 Ea.
45-50	Washer, motor base bolt	4	.10 Ea.
45-51	Bushing, motor belt (rubber)	4	.10 Ea.
45-52	Screw, cabinet door	1	.35
45-53	Door, cabinet	1	2.00
45-54	Nut, spindle	1	1.50
45-55	Spacer, spindle	1	.75
45-56	Lock-ring, variable sheave	1	.20
45-57	Washer, variable speed spring	1	.25
45-58	Spring, variable speed pulley	1	1.50
45-59	Sheave, variable speed, sliding	1	8.50
45-60	Sheave, variable speed, rigid	1	7.50
45-61	Wheel, index	1	2.00
45-62	Knob, plunger	1	.60
45-63	Housing, indexing plunger	1	1.00
45-64	Spring, indexing plunger	1	.20
45-65	Pulley, variable speed driven	1	2.00
*45-66	Sheave, variable speed lower, rigid	1)	18.00
*45-67	Sheave, variable speed lower, sliding	1)	
45-68	Bearing, variable speed	1	3.00
45-69	Belt, variable speed	1	9.50
45-70	Pin, variable speed arm	1	.75
45-71	Arm, variable speed	1	1.75
45-72	Bracket, variable speed mounting	1	6.50
45-73	Nut, variable speed arm pin	1	.10
45-74	Arm, variable speed cam	1	1.75
45-75	Set-screw, variable speed arm	1	.10
45-76	Bolt, variable speed mounting bracket (4 each)	4	.15 Ea.
45-77	Washer, variable speed mounting bracket bolt (4 each)	4	.10 Ea.
45-78	Set-screw, cam arm	1	.10
45-79	Pin, cam arm	1	1.00
45-80	Screw, cam arm bearing	1	.30
45-81	Bearing, cam arm	1	2.00
45-82	Washer, cam arm bearing screw (c/sunk $\frac{1}{2}$ " Drill, $\frac{1}{4}$ ")	1	.15
45-83	Washer, cam arm bearing screw ($\frac{1}{4}$ " Drill)	1	.15
45-84	Spring, cam	1	.40
45-85	Cam	1	2.00

* SOLD AS COMPLETE UNIT ONLY

MODEL 45 LATHE PARTS PRICE LIST

(EFFECTIVE MARCH, 1965)

PART NO.	DESCRIPTION	NO.	PRICE
45-86	Shaft, lower variable speed	1	3.00
45-87	Bearing, lower variable speed	1	3.00
45-88	Housing, lower variable speed shaft	1	4.00
45-89	Cap-screw, lower variable speed housing	1	.15
45-90	Washer, lower variable spd. housing cap screw	1	.10
45-91	Nut, lower var. spd. housing cap screw	1	.10
45-93	Belt, motor drive	1	2.50
45-94	Spacer, spindle	1	1.00
45-95	Key, spindle drive pulley	1	.15
45-96	Pulley, spindle drive	1	6.00
45-97	Spacer, bearing	1	1.15
45-98	Pulley, motor drive	1	5.00
45-99	Key, motor drive pulley	1	.15
45-100	Spacer, motor drive pulley	1	.10
45-101	Stud, belt tension arm mounting	1	.15
45-102	Cotter-key (3)	3	.05 Ea.
45-103	Pivot rod, motor base	1	.50
45-104	Motor base	1	2.00
45-105	Mounting bracket, motor base	1	2.00
45-106	Adjusting rods, motor base (2)	2	.75 Ea.
45-107	Bolt, motor base adjusting rod (2)	2	.15 Ea.
45-108	Arm, belt tension	1	.75
45-109	Bolt, belt tension arm mounting	1	.15
45-110	Washer, belt tension arm mounting	1	.10
45-111	Cam, belt tension arm	1	1.50
45-112	Set-screw, cam locking	1	.10
45-113	Key, cam locking	1	.15
45-114	Belt, spindle drive	1	2.50

MINIMUM CHARGE ON ALL PARTS ORDERS \$1.50