

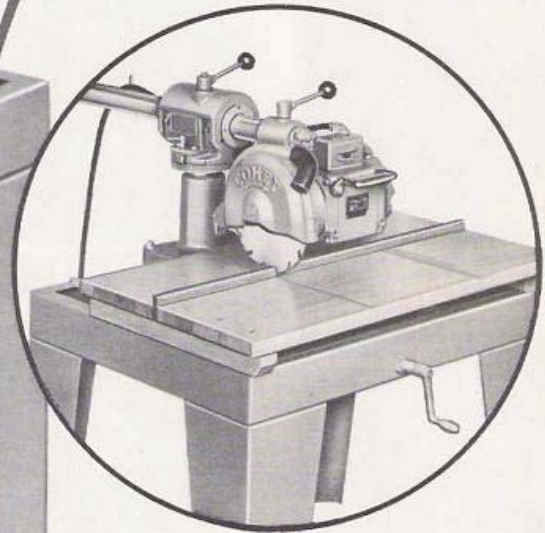
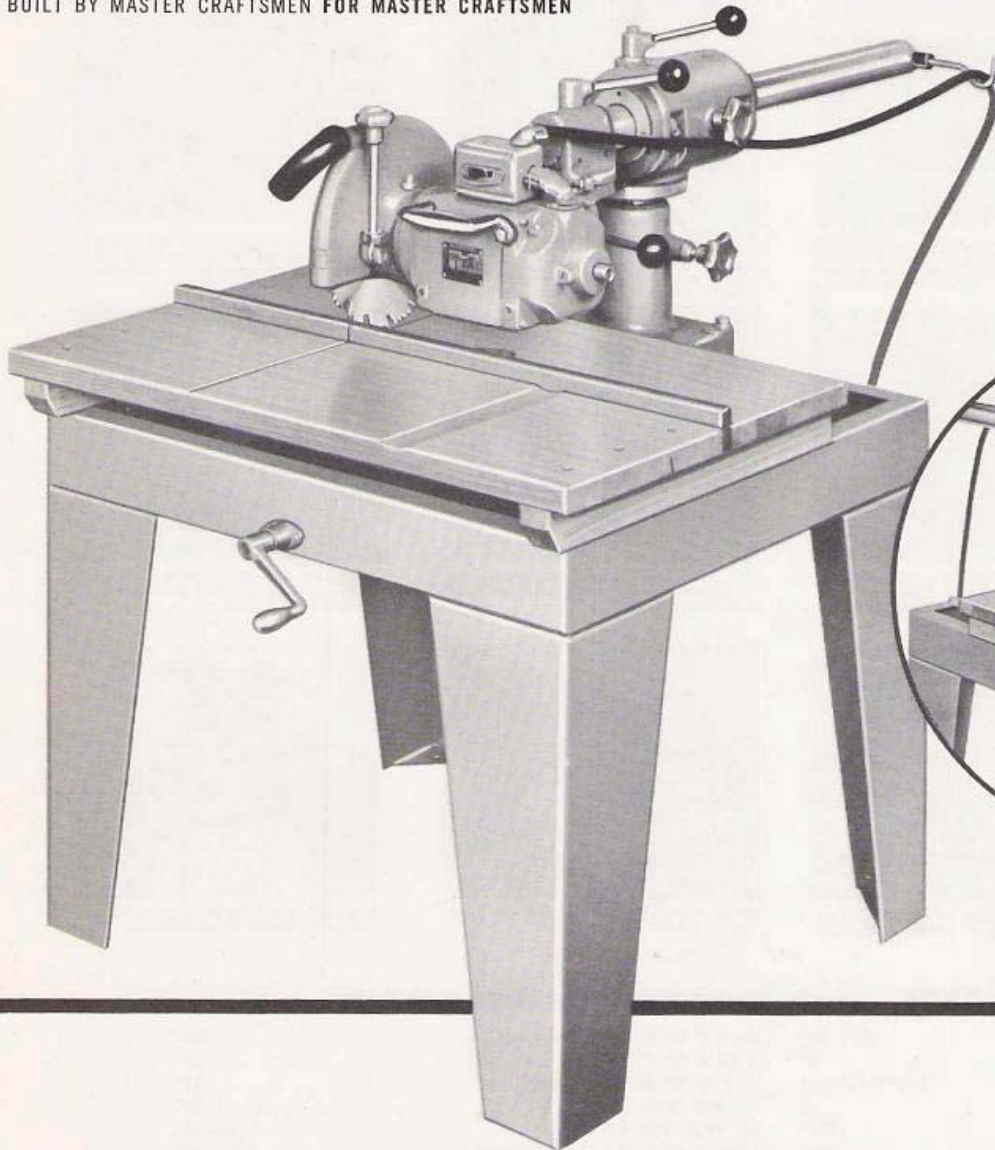
CometTM

PROFESSIONAL WORKSHOP

RADIAL ARM SAW • MODEL TL

1½ HORSEPOWER • 10 OR 12 INCH BLADE

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



LOOK FOR THE BIG



Power, Accuracy, High Speed Production...yet Low Priced

In this popular COMET model you get all the quality features that have made Comet radial power saws the first choice of woodworkers everywhere...smooth, easy operation...simplicity of design...rugged durability...hairline accuracy...safety. The blade is above the wood where you can see it. You glide the blade through the wood with one hand, hold the wood against the back-

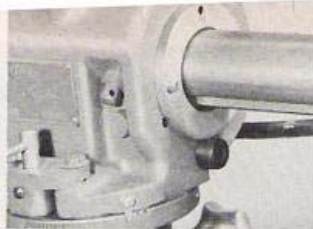
board with the other. The switch is at your finger tip. The column is raised and lowered by a crank at the table front. It is easy to change from one operation to another. Degree markings are large and easy to read.

The COMET PROFESSIONAL WORKSHOP does your work fast, easily, safely, *economically*. That's why it's in a class by itself.

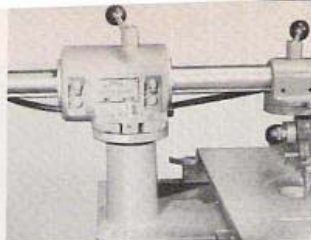
CONSOLIDATED MACHINERY & SUPPLY COMPANY, LTD., 2033 SANTA FE AVENUE, LOS ANGELES 21, CALIFORNIA



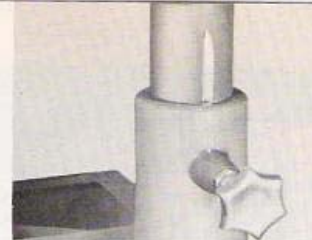
Retractable bar glides with smooth precision over 8 ball bearing rollers, completely enclosed in this housing. Adjustments easily made from outside.



Felt seals completely encircle the retractable bar. No dust or dirt can interfere with smooth action of the rollers.



Hardened solid steel retractable bar, with precision ground tracks, carries motor assembly back and forth smoothly, and with positive accuracy.



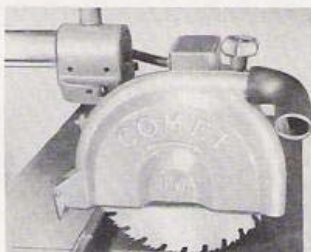
Column lock is self-aligning. The column is raised and lowered with convenient hand crank at front of table.



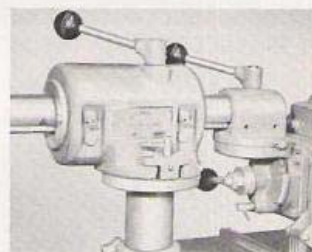
Motor control switch is at your finger tip, right at the motor unit pull handle. You can turn motor on or off without taking your eye off your work, or your hand off the handle.



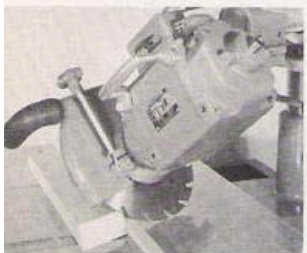
Power and speed for all the Comet's many operations are supplied by this full 1 1/2 HP, 1 or 3 phase Comet motor. Specially designed flat bottom permits maximum blade capacity.



Safety guard covers saw shaft and all of the blade except cutting portion. Anti kickback dogs for safe ripping are built in at in-feed end of guard. Adjustable dust chute turns sawdust aside, protecting your eyes.



Quick stops for all generally used cutting positions, easy to read degree dials, are all simply designed and easily adjustable for pinpoint accuracy.



Saw unit quickly turns, tilts, stays locked in position for cross-cut, mitre, bevel, compound mitre.



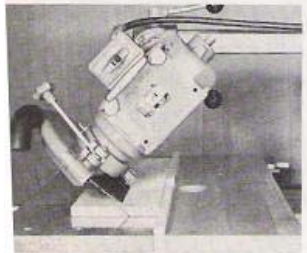
No other machine can do dado work safer, cleaner, more accurately than the Comet. Blade is above wood, where you can see it. No dangerous finger-feeding.



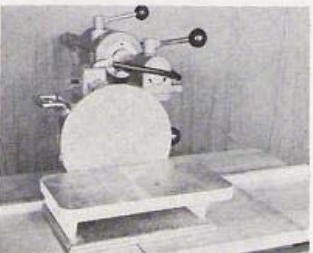
25" reach permits ripping full width plywood or Masonite. Sturdy, steady steel bar holds blade firmly in position.



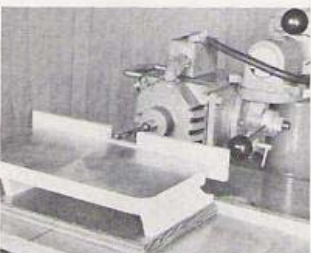
For shaping and rotary planing, woodworkers everywhere will tell you that the Comet can't be beaten.



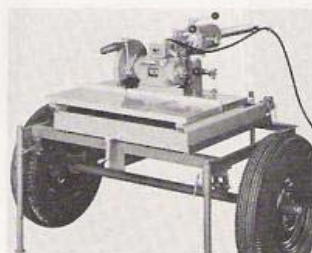
Bevel ripping is safe, accurate and easy on the Comet.



Disc sanding, grinding, buffing set-up is up where you can see it. (Drum sanding too.)



Boring operation is simple, easy and accurate on the Comet.



Many builders use the Professional Workshop on the Comet low-cost trailer.

DIMENSIONS AND SPECIFICATIONS...COMET PROFESSIONAL WORKSHOP MODEL TL

Pressed steel table	30" x 34"
Column diameter	3"
Arm size	2 1/4" x 36" long
Number of arm bearings	8
Swivel of arm assembly	360°
Swivel of motor assembly	360°
Maximum clearance under motor9"
Maximum raising height of column7"
Motors	1 1/2 HP 1 phase 110/220 volt 60 cycle or 3 phase 220 volt or 440 volt 60 cycle. (Specify voltage when ordering)
Saw mandrel size	1" diameter. 1 3/8" long.
Saw blade and guard furnished	10"
(Guard accommodates 8" No. 3 Dado set.)	

Depth of cut With 10" Blade	2 1/8"
Width of cut 1" material	16"
Width of 45° mitre 1" material	12"
Maximum width of rip	25"
Net weight with legs	315 pounds
Shipping weight crated approximately	370 pounds
Export weight boxed approximately	450 pounds
Export cubic feet29
Standard equipment: one 10" combination saw blade, 10" safety guard with anti kickback dogs, arbor wrench, tube of grease, instructions for operation and maintenance.	
Optional equipment: 12" blade guard. Auto trailer. (For available accessories see pages 24 to 27.)	

CONSOLIDATED

MACHINERY & SUPPLY COMPANY, LTD.

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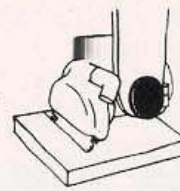
ASK FOR A FREE ON-THE-JOB DEMONSTRATION

YOU CAN DO ALL THESE JOBS
WITH THE

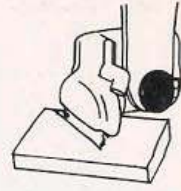
COMET

18-IN-ONE WORKSHOP

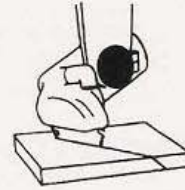
GLIDING POWER SAW



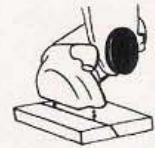
1. CROSS-CUT SAW



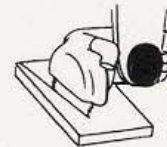
2. MITRE



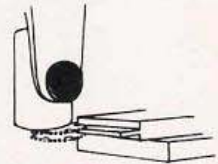
3. COMPOUND MITRE



4. BEVEL RIP



5. TAPER RIP



6. TENON



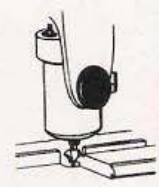
7. DADO



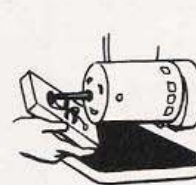
8. RABBET



9. PANEL-RAISE



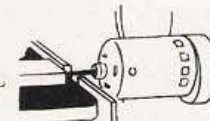
10. SHAPE



11. CARVE



12. ROUTE



13. BORE

and with five simple accessories you have:

14. A LATHE

15. JOINTER

16. JIG SAW

17. SANDER-GRINDER

18. POWER TAKE-OFF

MOST ACCURATE • POWERFUL • SAFE • EASY-TO-USE ALL-JOB SAW AND WORKSHOP EVER BUILT...

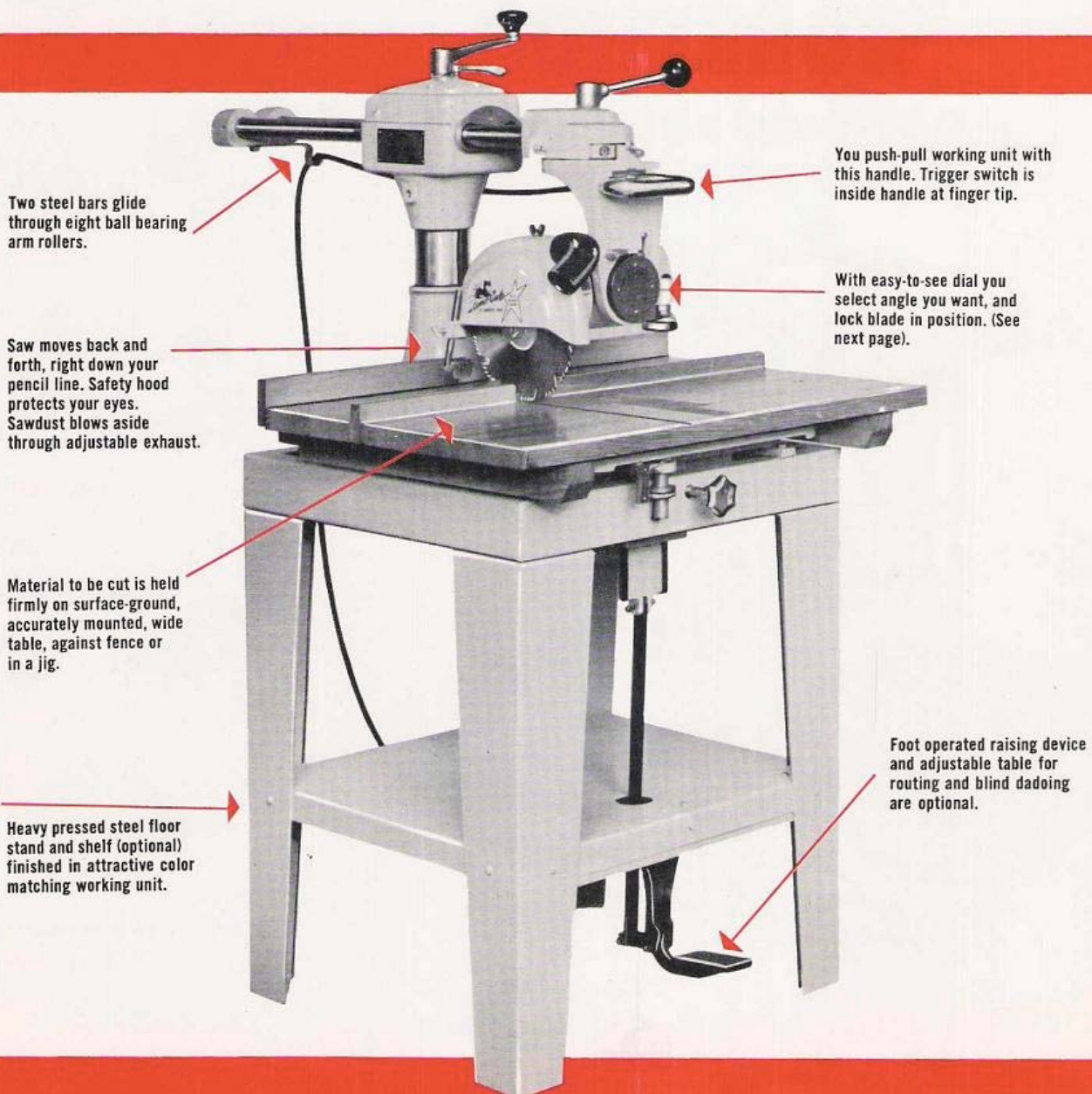
THE SAW GLIDES THROUGH THE WOOD... The wood remains stationary in most operations. Just pull-push gently... the whole working unit, including saw and motor, float forward and back out of the way, smoothly, accurately, on two chromed solid steel bars with eight ball bearing arm rollers. You don't push wood with hands over an unseen blade. Your hand controls the blade with pencil point accuracy. No stooping, fumbling to see your work. The Comet is SAFE, sure.

Full 19 $\frac{5}{8}$ " by 30" table gives unhindered working area. Rip down middle of standard size plywood or masonite panel on a flat, wide, level surface. An extra

fence slips in or out, a steady brace assuring uniform, true cuts.

18 MACHINES IN ONE... Many advertised "workshops" actually are a room full of different machines. *The Comet 18-in-one* does all the 18 jobs listed on the previous page, in one compact unit, at a big saving in price. With it you can build anything, a simple shelf or intricate piece of furniture, a TV cabinet or an entire house.

BUILDERS AND CABINET SHOPS USE IT... It is rugged and professionally engineered for long service as well as accuracy. Many Comet machines have seen hard use for over fifteen years without a repair.



THIS FULL $\frac{3}{4}$ HORSEPOWER MOTOR GIVES YOU PROPER POWER AND SPEEDS FOR ALL 18 JOBS...



EXTRA power when you need it. The secret of good woodworking is dependable, *versatile* power. The Comet power unit is the result of many years' testing and perfection by engineers who are experts in the woodworking field. Many features of heavy industrial machines are in this motor, assuring you better, faster, smoother work. 110 volt, AC or DC, fan-cooled, universal type, with sealed, permanently lubricated ball bearings.

NOTE: Comet's high speed requires 7000 RPM tensioned saw blades.

SET THE **COMET DIAL** FOR THE ANGLE YOU WANT

It's as simple as that. Finger tip controls lock easily assuring precision accuracy. This easy *Dial-a-Cut* method makes hundreds of different cuts possible including ripping, routing, mitring, panel raising, dadoing, shaping, carving, and boring. Try the *Dial-a-Cut* method yourself and you will know why the COMET is preferred by builders and cabinet shops everywhere.



COMET

WORKSHOP ACCESSORIES

All designed to attach on the Comet Workshop table in a few seconds, and all using the Comet motor at proper power and speed. Accessories available include:

LATHE tailstock, face plate and tool rest.
4" JOINTER

POWER TAKE-OFF complete with mounting assembly and pulleys for correct speeds for all operations.

18" JIG SAW

SANDING TABLE—discs and paper of all kinds.

GRINDING, buffing and wire wheels.

BORING TABLE—surface ground and complete with fence.

ROUTER TABLE with foot operated raising device and micrometer depth adjustment.

ROUTER BITS, drill bits, carving cutters, shaper cutters.

SAW BLADES, cross cut, rip, and combination blades.

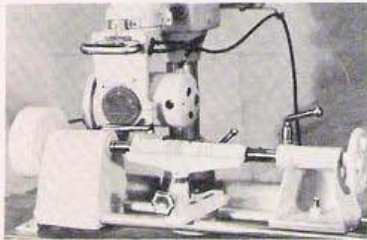
PLANER HEADS—dado heads.

SHAPER FENCE fully adjustable for all finish cuts.

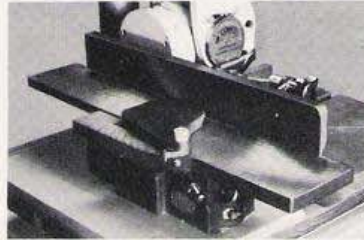
MITRE GAUGE for use in routing and shaping.

CHUCKS AND ADAPTORS to fit standard cutters.

STEEL FLOOR STAND with steel legs, carrying handles or casters.



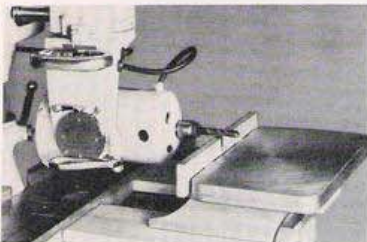
LATHE



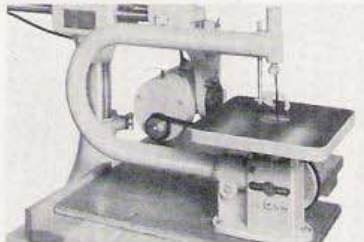
JOINTER



SANDER-GRINDER



BORING TABLE



JIG-SAW



POWER TAKE-OFF

SPECIFICATIONS

GENERAL DIMENSIONS: Overall Height—25" —On stand 55" • Width—30" • Length (Incl. arm) 36" • Floor stand—22" x 24" x 30"

RETRACTABLE ARMS: 25" x 1 1/4" hardened, ground and polished tubular steel—heavily chrome plated. Kept constantly clean by oiled felt wipers.

COLUMN: 3" diameter cast semi-steel with milled stop-slot for accurate cut-off at 90° and 45°. Raises and lowers easily with crank controlled screw gear.

ARM BEARINGS: Retractable arms move smoothly on 8 permanently lubricated adjustable ball bearing rollers mounted within and completely enclosed by a sturdy aluminum alloy housing. Housing sealed and protected from dust and dirt by oiled felt wipers.

MOTOR YOKE: Cast semi-steel—precision machined for accurate setting of motor in all positions through a full 360° range, vertically and horizontally.

CAPACITIES: Depth of cut—2 1/2" • Width of cut-off—12" • Width of rip—24".

TABLE: Heavily varnished wood cutting table—19 1/2" x 30". Equipped with sturdy wood fences for cross-cutting and ripping.

BASE: Sturdy, steady, heavy fabricated, welded steel.

MOTOR: Full 3/4 HP 110 volt AC-DC semi-enclosed, fan cooled universal type. Equipped throughout with sealed, permanently lubricated ball bearings. Motor switch conveniently mounted at operator's fingertips within pull handle.

TOOL END: 9/16" threaded shaft to take all standard bits, cutters and chucks. Direct armature drive gives 12,000 RPM for routing, shaping and other high speed operations.

BLADE AND GUARD: 8" combination blade furnished as standard equipment. Aluminum alloy safety guard covers all of blade except portion in cut and is equipped with adjustable rubber saw dust chute. Adjustable anti kick-back dogs are positive in action and hold material securely before it enters blade when ripping.

WEIGHTS: Net weight—102 lbs • Net weight on floor stand—169 lbs. • Add for crating—35 lbs. • Export packing—15 cubic feet—250 lbs.

SAW MANDREL: 3/4" with oversize nut and saw collar. Mandrel turns 6800 RPM to give proper rim cutting speed with 8" blade. Standard 6" dados or 6" "Quick Set" dados may be used.

CONTROLS AND LOCKS: All control levers and handles are oversize, quick-acting and lock the blade securely in all operating positions. Accurate degree indicators provided for bevel and mitre positions. Positive stops, compensated for wear, are provided for all settings. Corrections and adjustments for any position may be made quickly and easily without disturbing settings for other positions.

STANDARD EQUIPMENT: 8" high grade combination blade, mandrel wrench, special tool and locking wrench, 3 Allen adjusting wrenches and instructions.

OPTIONAL EQUIPMENT: Heavy pressed steel floor stand with shelf, adjustable router table with foot operated raising device and micrometer depth adjustment, shaper fence, jointer, jig saw, boring table, power take-off, sanding table, lathe, blades, cutters, chucks, bits, sanding discs, dados, planers, grinding, buffing and wire wheels and many others. For further information, see your Comet dealer or contact manufacturer.

CONSOLIDATED MACHINERY & SUPPLY CO., LTD.

PRINTED IN U.S.

Manufacturers and Distributors of Metal and Woodworking Machinery for the Building Trades and Home Workshops.

2033 Santa Fe Avenue, Los Angeles 21, California

SEE THE COMET WORKSHOP... **TRY** IT, AND YOU'LL NEVER BE SATISFIED WITH ANYTHING ELSE

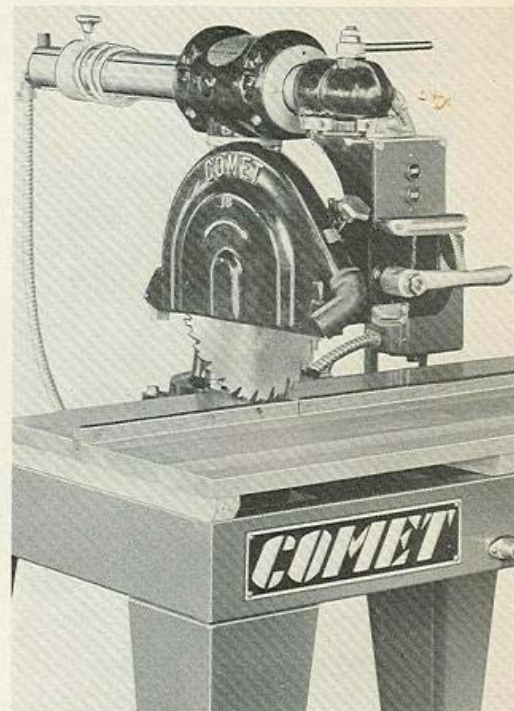
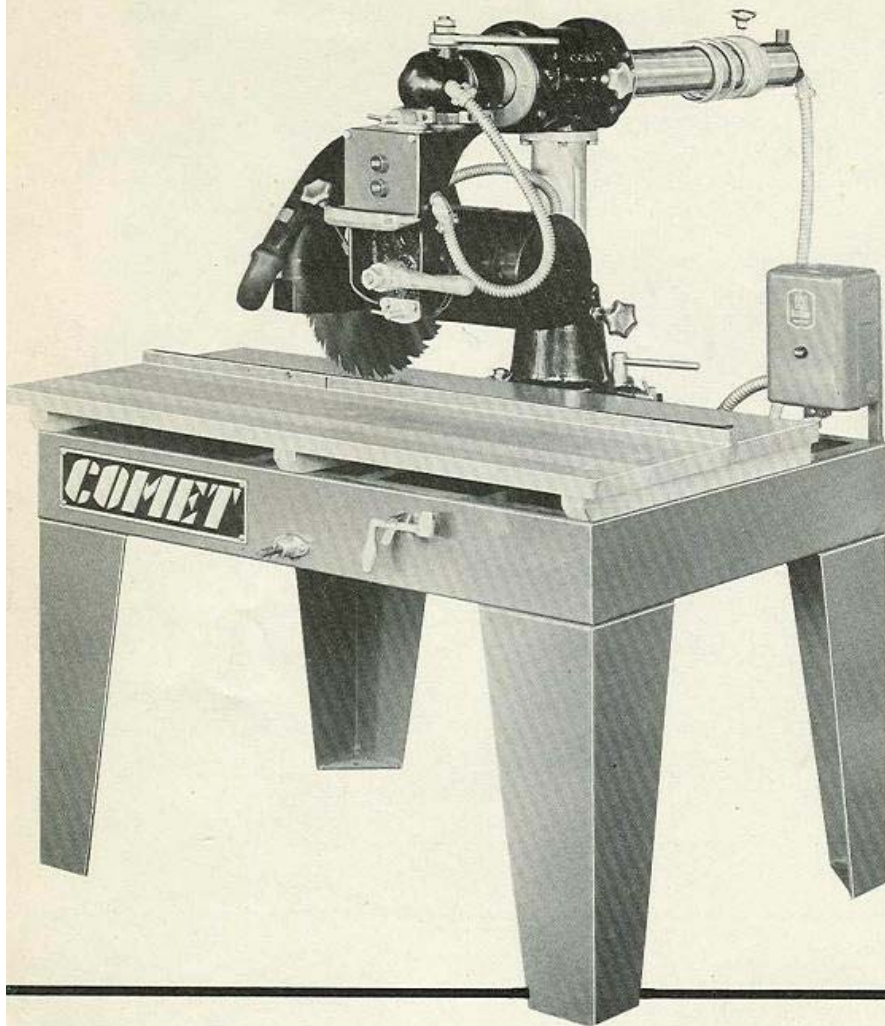
Comet[®]

CLIPPER

MODEL CLC RADIAL ARM SAW

2, 3, 5 OR 7½ HP. 16 OR 20 INCH BLADE

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



LOOK FOR THE BIG

C

Out on the Job and in the Shop...the Comet Clipper Has Established Unbeatable Production Records

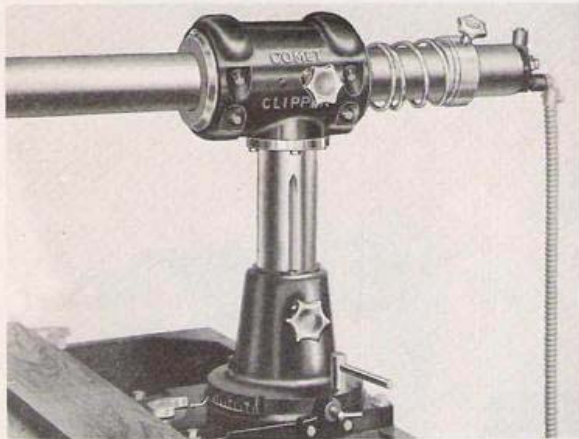
Its rugged construction, ease of operation, accuracy, speed and safety have made the Clipper one of the biggest selling models in the Comet line. It has all the quality and versatility features of the Junior model, plus heavier construction, more power and capacity. The Clipper's big 36 inch retractable arm gives you a 19 inch cut-off width and 34 inch rip. Or an optional "long" arm extends these widths to 25 inch cut-off and 40 inch rip. Men who liked the model CLB Clipper so well are pleased to

see that the new CLC has an even larger table top, new braced table frame, larger felt wipers, new bar bearing axle assembly, larger and easier-to-read dial plates, and improved raising and lowering assembly. All exposed parts are chrome or cadmium plated, or heavily enameled. External wiring is protected by heavy metal conduit. The Clipper is weatherproof. Check the Clipper's specifications, ask the man who runs one, and you'll understand why the COMET CLIPPER is the one to buy.

ASK THE MAN WHO RUNS A

Comet®

CLIPPER

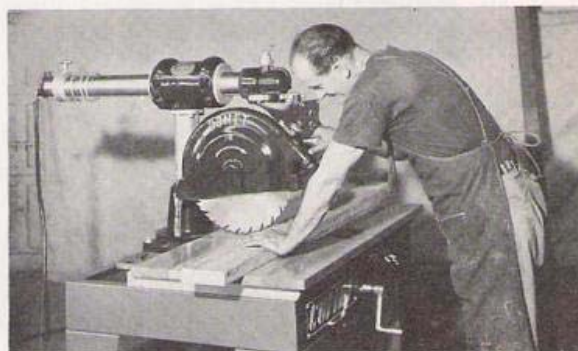


EASY TO MOVE

From job to job, and to the lumber. This man is using the Clipper with the Comet trailer, Comet roller-extension table, and Comet stop-gauge, a combination that means maximum production with minimum effort.

SMOOTHLY, EASILY, ACCURATELY

The Clipper's long, plated, seamless tubular steel arm rolls through eight permanently lubricated ball bearing rollers, enclosed in this massive cast semi-steel housing. Heavy, oiled felt wipers keep out all dust and dirt. Safety return spring pre-sets the cut-off stroke, assists rapid return of blade to starting position, increases production, minimizes operator's effort. Husky supporting column is precision machined, thick, tubular semi-steel, cadmium plated, rust-proof. Perfect saw alignment is assured by positive vee wedge and groove column lock. Worm gear elevating mechanism operates quickly and smoothly from crank at front of machine. Crank is removable when not in use.



THE CLIPPER IS VERSATILE...

It will cross-cut (straight or bevel), mitre, compound mitre, rip (straight or bevel), dado, plough, shape, rout, tenon, grind, sand and plane. Changes from one operation to another are made easily and quickly. All controls are convenient to the operator's hand. The start-stop buttons are at his finger tip. The safety guard is adjustable up, down, forward and back. Anti kick-back dogs are built in at in-feed end for ripping. Adjustable chute deflects saw dust.

SPECIFICATIONS...COMET CLIPPER MODEL CLC

Table Frame — Pressed Steel.....	.32" x 45"
Column Diameter	3 3/4"
Size Standard Arm	3 1/2" diameter — 36" long
Size "Long" Arm	3 1/2" diameter — 42" long
Number Arm Bearings8 Special Ball Bearings
Swivel for Mitre	360°
Swivel of Motor	360°
Maximum Clearance Under Motor.....	10 1/2"
Size Saw Mandrel1" diameter x 1 3/8" long
Horsepower (See Footnote)	2HP 3HP 5HP 7 1/2HP
Standard Guard and Blade	16" 16" 16" 16"

Depth of Cut	4 3/8" 4 3/8" 4 3/8" 4 3/8"
Width of Cut 1" Material Standard Arm	19" 19" 19" 19"
Width of Cut Mitre 45° Right, 1" Mat. Std. Arm	13" 13" 13" 13"
Width of Cut 1" Material, Long Arm	25" 25" 25" 25"
Width of Cut Mitre 45° Material, Long Arm	15" 15" 15" 15"
Maximum Rip Standard Arm	34" 34" 34" 34"
Maximum Rip Long Arm	40" 40" 40" 40"
Net Weight (With Legs)	460 Pounds
Gross Weight (With Legs) Approx.....	540 Pounds
Export Boxing	39 Cubic Feet
Export Weight Approx.....	640 Pounds

MOTORS — 3600 RPM. 2-3-5 HP Single Phase motors are semi-enclosed. 3-5-7 1/2 HP Three Phase motors are fully enclosed. All motors are fan cooled.

DADO ADAPTORS for 2 1/2" and 3 1/2" Dados are available. Arbor size of dado adaptors 1-1/4"— for wider dados consult your dealer or factory.

STANDARD EQUIPMENT — All Comets are furnished with Safety Guard with anti kick back dogs, one combination saw blade, arbor wrench, tube of grease and instructions.

ASK FOR A FREE ON-THE-JOB DEMONSTRATION

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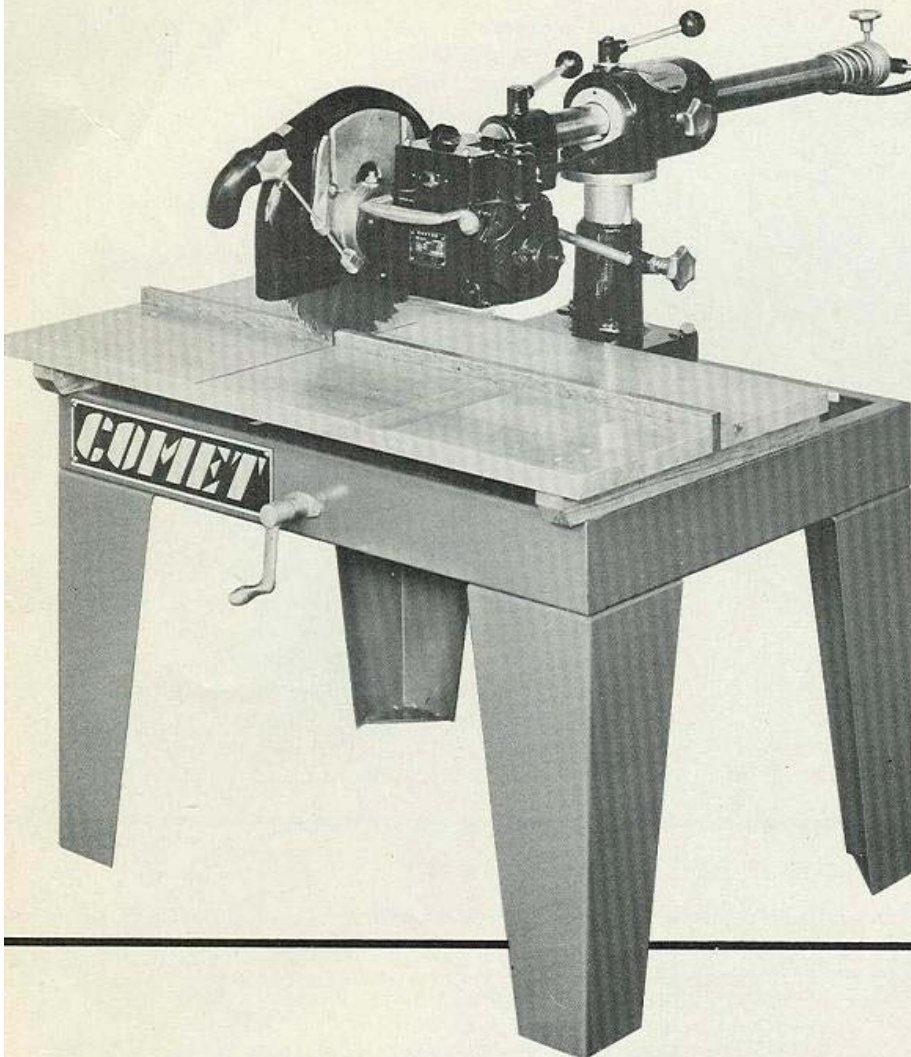
Comet[®]

JUNIOR

MODEL JRA RADIAL POWER SAW

2 ~~1/2~~ HP. 14 OR 16 INCH BLADE

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



LOOK FOR THE BIG

C

Rugged Durability for Top Performance on Tough Jobs...

Light Weight and Easy Portability

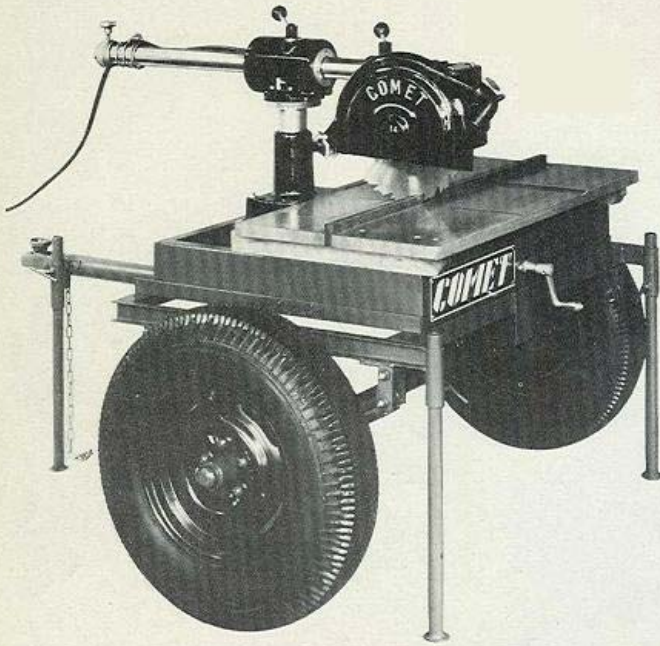
Job tested features of the famous big Comet Senior and Clipper models have been built into the Junior for the builder who wants big saw cutting power, accuracy and ease, plus light weight and economy. Pound for pound and dollar for dollar the Junior is a real work horse and money maker. It will give you long, depend-

able service, too. For many years experienced saw men have told us that with reasonable care *Comets just don't wear out*. So if you're interested in more cuts for less cost, see the Comet Junior in action. Your Comet dealer will be glad to give you a demonstration, on your job if you wish.

CONSOLIDATED MACHINERY & SUPPLY COMPANY, LTD., 2033 SANTA FE AVENUE, LOS ANGELES 21, CALIFORNIA

CHECK THESE FEATURES OF THE

Comet JUNIOR



PORTABILITY

Mounted on the Comet trailer, the Junior is an efficient portable shop, moved easily to the job, and to the lumber pile at the job. Light weight but rugged construction makes the Comet Junior an ideal radial saw for fast trips and quick set-up on the job.

SPEED

Cutting speed tests have proved that the return spring assembly on the Comet retractable arm gives you a 20% speed advantage over other saws. This exclusive feature allows the cutting stroke to be pre-set and the spring to assist blade return to starting position, ready for the next cut. Starting switch is at your finger tip, where you can start or stop motor without taking your hand off the pull handle. Another switch changes voltage quickly to 110 or 220.

VERSATILITY

In addition to straight and bevel cross-cuts, rips, mitres and dados, the adaptable Comet Junior also ploughs, shapes, routs, bores, tenons, grinds, sands and planes. Self-aligning column and positive position stops assure accuracy in all operations. For construction work, cabinet shops, furniture factories, wherever good woodworking is done, the Comet Junior has been engineered and built to do the best job.

SAFETY

Saw guard covers the shaft and all of the blade except the cutting portion. It is adjustable up or down, forward or back. It is equipped with steel anti kick-back dogs, and an efficient dust chute which also is adjustable. The Comet radial arm design, with blade above the wood where you can see it, is another feature that has made Comets the safest saws made.

EASY OPERATION

The famous Comet retractable steel arm glides back and forth with the greatest of ease, through eight permanently lubricated and enclosed ball bearing rollers, kept dust-free by oiled felt wipers. All controls are in most convenient positions. The column raises and lowers from front crank, 1/16 inch each turn. Large red dial plates are easy to read. Quick-stops and cutting positions are easy to keep in adjustment.

DIMENSIONS AND SPECIFICATIONS...COMET JUNIOR MODEL JRA

Table Size — Pressed Steel.....	30" x 40"
Diameter Column	3"
Size of Arm.....	2 1/4" dia. — 40" long
Number Arm Bearings.....	8 special ball bearings
Swivel of Arm Assembly.....	360°
Swivel of Motor Assembly.....	360°
Maximum Clearance Under Motor.....	9"
Maximum Raising of Column.....	7"
Size of Saw Mandrel.....	1" diameter, 1 3/8" long
Dado Adaptor.....	See Footnote

Horsepower Motors (See Footnote).....	1 1/2 HP
Standard Saw Guard and Blade (As Furnished).....	14"
Depth of Cut	4"
Width of Cut 1" Material.....	19"
Width of Cut Mitre 45° Right, 1" Material.....	18 3/4"
Maximum Width of Rip.....	25"
Net Weight (With Legs).....	355 lbs.
Shipping Weight (With Legs) Boxed Approx.....	425 lbs.
Export Weight (With Legs) Crated Approx.....	530 lbs.
Export Cubic Feet (Boxed).....	36

MOTORS — 1 1/2 HP, single and three phase, 3600 RPM motors are semi-enclosed. Comet Motors are guaranteed for one year against mechanical or electrical defect. Regular equipment always includes proper switches.

DADO ADAPTORS for 2 1/2" and 3 1/2" Dados are available. Arbor size of dado adaptors 1 3/4" — for wider dados consult your dealer or factory.

STANDARD EQUIPMENT — All Comets are furnished with Safety Guard with anti kick back dogs, one combination saw blade, arbor wrench, tube of grease and instructions.

ASK FOR A FREE ON-THE-JOB DEMONSTRATION

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MACHINERY & SUPPLY COMPANY, LTD.

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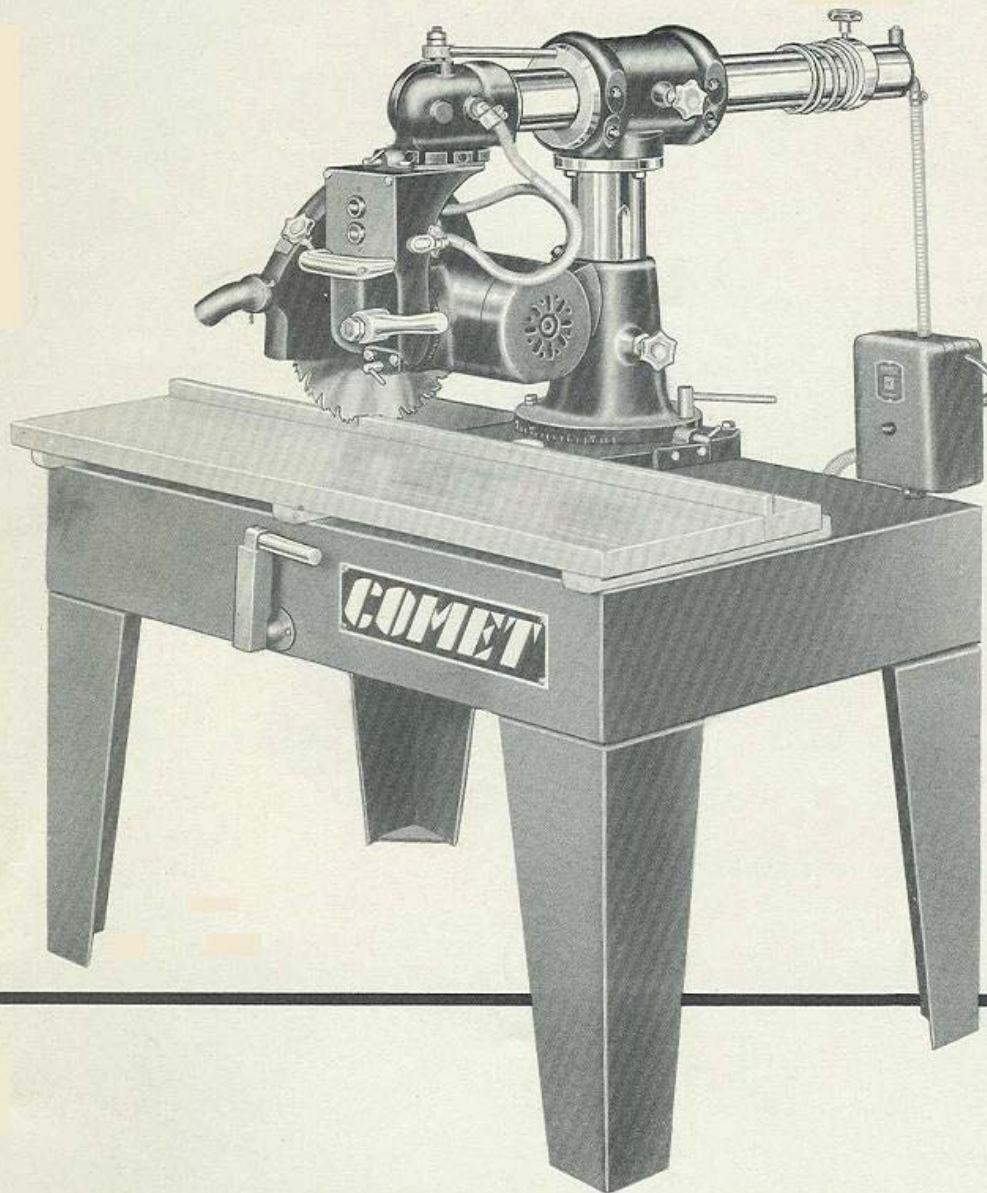
Cable Address: COMET, Los Angeles, U.S.A.

Comet[®]

SENIOR

MODEL SRB HEAVY DUTY RADIAL POWER SAW
3, 5 OR 7 1/2 HP. 16 OR 20 INCH BLADE

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



THE COMET SENIOR MOTOR

has been designed specifically for heavy duty radial saws, and tested by years of use under every severe condition. It has full rated horse power, plus completely protected 100% overload capacity. High torque, small diameter design gives plenty of power, and allows maximum cutting depth. *Completely weather-proofed*, all exposed parts are chrome or cadmium plated, heavily enameled or varnished. External wiring is protected by heavy flexible metal conduit. Start-stop buttons are at operator's fingertip for safety and efficiency.

LOOK FOR THE BIG



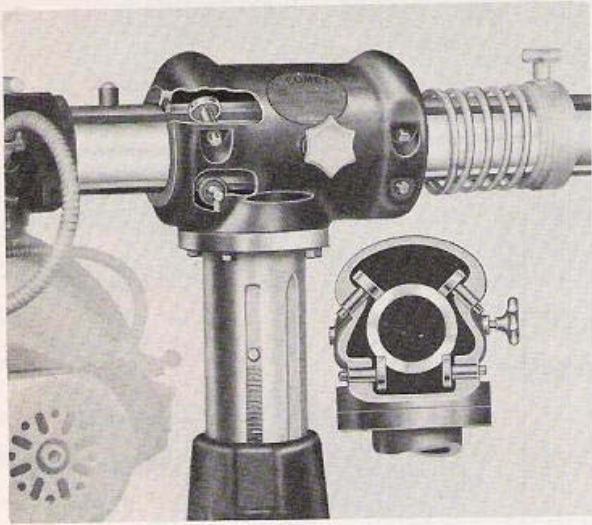
For Heavy Construction Jobs, Lumber Mills, Plants...

More Production Per Man-Hour... Lower Cost

Wherever around-the-clock, month after month cutting is done, the heavy-duty Comet Senior has earned an enviable reputation for capacity, continuous accuracy, high production and ability to "take it" under toughest working conditions. It is engineered for operating ease, maximum safety,

minimum operating and maintenance cost, versatility and long life of dependable service.

Check the Comet Senior, point by point, with any radial saw made... compare it in action... and you'll see why it has the reputation of **BEST INVESTMENT**.

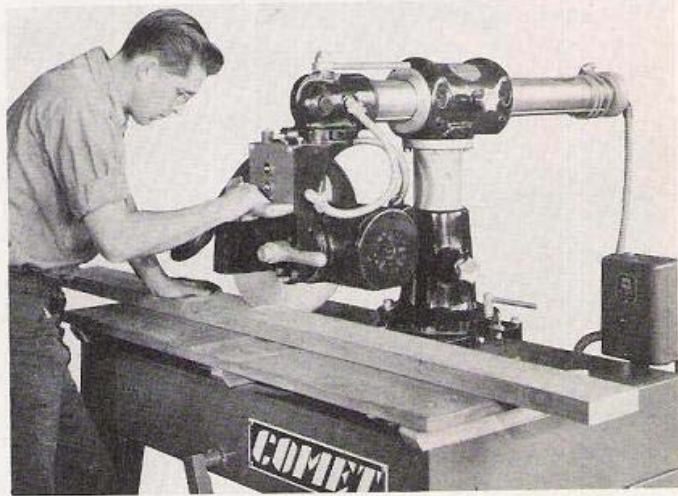


8 BALL BEARING ROLLERS

permanently lubricated, completely enclosed in heavy cast semi-steel housing, support the Senior's sturdy steel retractable arm with perfect rigidity, yet allow remarkably smooth, easy rolling. **EXCLUSIVE COMET RETURN SPRING** serves as a safety stop, allows cut-off stroke to be pre-set to material being worked, assists in returning the saw blade to starting position, increasing cutting speed, and minimizing operator fatigue. **MASSIVE COLUMN ASSEMBLY** is kept in perfect alignment by positive vee wedge and groove lock. Column is thick-wall tubular semi-steel casting, precision machined, cadmium plated, and mounted in heavy cast base. **WORM GEAR ELEVATING MECHANISM** raises and lowers column and saw unit 1/8 inch with each turn of crank conveniently located at front of steel table frame. Crank folds out of way when not in use.

VERSATILITY OF OPERATIONS

With the Comet Senior you can cross-cut (straight or bevel), mitre, compound mitre, rip (straight or bevel), dado, plough, shape, rout, tenon, grind, sand and plane. Ample working surface makes rafter-notching and other difficult operations easy. The Senior stands on a strong steel table, or may be mounted on the Comet trailer.



SAFETY GUARD covers all the saw blade except portion in the cut, is adjustable up, down, forward or back. Positive anti kick-back dogs are positioned to grip material *before* it reaches saw blade when ripping. Adjustable chute deflects sawdust. The Comet gives its operator maximum protection.

DIMENSIONS AND SPECIFICATIONS...COMET SENIOR MODEL SRB

Table Size — Pressed Steel.....	32" x 48"
Diameter Column.....	4 3/4"
Size Standard Arm.....	4" diameter — 40" long
Size "Long Arm".....	4" diameter — 48" long
Arm Bearings.....	.8 special ball bearings
Swivel of Arm Assembly.....	360°
Swivel of Motor Assembly.....	360°
Maximum Clearance Under Motor.....	10 1/4"
Maximum Raising of Column.....	9 1/4"
Size of Saw Mandrel.....	1" diameter — 1 3/8" long
Dado Adaptor.....	See Footnote
Horsepower Motors (See Footnote).....	2 HP 3 HP 5 HP 7 1/2 HP
Standard Saw Guard and Blade.....	16"

Depth of Cut.....	4 3/8"
Width of Cut — 1" Material, Standard Arm.....	22"
Width of Cut — 4" Material, Standard Arm.....	18"
Width of Cut — Mitre 45° Right 1" Material, Standard Arm.....	15"
Width of Cut — 1" Material, Long Arm.....	30"
Width of Cut — 4" Material, Long Arm.....	26"
Width of Cut — Mitre 45° Right 1" Material, Long Arm.....	20"
Maximum Rip — Standard Arm.....	32"
Maximum Rip — Long Arm.....	40"
Net Weight (With Legs).....	625 lbs.
Shipping Weight (With Legs) Crated.....	700 lbs.
Export Weight (With Legs) Boxed.....	825 lbs.
Export Measurement.....	41 cu. ft.

MOTORS — 2, 3 and 5 horsepower, 3600 RPM, single phase motors are semi-enclosed, 5 and 7 1/2 horsepower 3 phase motors are totally enclosed, fan cooled. Regular equipment always includes proper switches.

DADO ADAPTORS for 2 1/2" and 3 1/2" dados are available. Arbor size of dado adaptors 1 1/4" — for wider dados consult your dealer or the factory.

STANDARD EQUIPMENT — All Comets are furnished with safety guard and anti kick-back dogs, one combination saw blade, arbor wrench, tube of grease and instructions.

ASK FOR A FREE ON-THE-JOB DEMONSTRATION

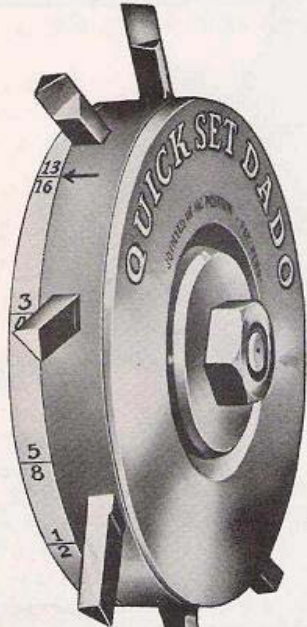
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Comet[®]

QUICK-SET[®] DADO

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



6 INCH SIZE
\$24⁷⁵

DOES WHAT NO OTHER GROOVE CUTTER CAN DO

Set it for any width groove 1/4" to 13/16"...merely by turning a dial...without removal from the arbor!

Turn the eccentric disc to the width you want, tighten the arbor nut. That's all there is to it. You can set it so that the groove will be just a hair larger than the board that goes into it, assuring air-tight fit.

The COMET QUICK-SET DADO is perfectly balanced, runs true, without wobble or vibration at all settings, cutting clean, smooth grooves up to 3/4" deep.

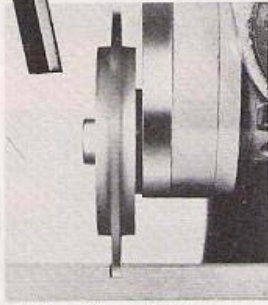
Silvanite high speed tool steel

blades, Rockwell hardness test (C Scale) 58, stay sharp five times as long as conventional dados, are silver brazed in interlocking aluminum and steel plates, and are self cooling.

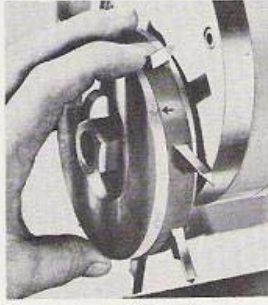
The COMET QUICK-SET DADO fits shafts 1/2", 5/8" or 3/4". It can be used on table saws, or overhead radial saws as shown in photos below, and is adaptable for right or left hand rotation.



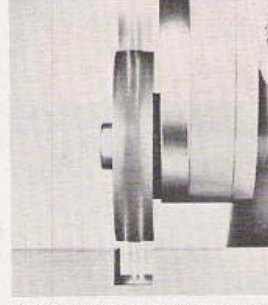
Simple. Turn dial to 1/4"



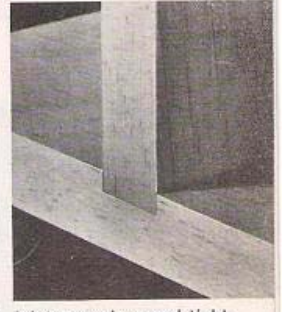
... blades align, cut 1/4" grooves.



Turn arrow to 13/16" mark...



blades spread, cut 13/16" grooves.



Joints are clean and tight.

9 INCH SIZE. Set it for any width 1/4" to 1-1/16"
...without removal from the arbor.

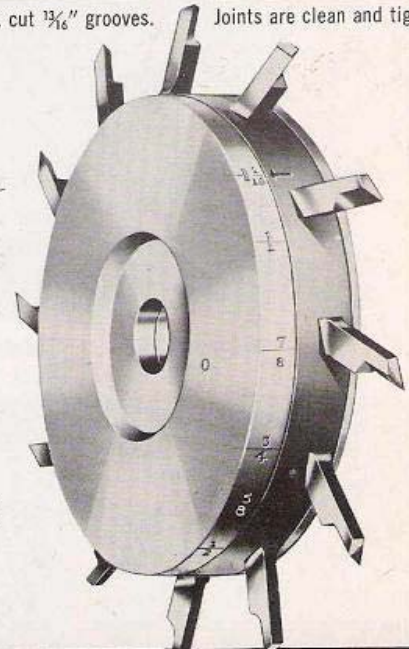
The 9 inch COMET QUICK-SET DADO has twelve blades, and cuts grooves up to 1 inch deep. It is bored for a 1 inch shaft, can be used on large table and radial saws, is adaptable for right or left hand rotation. 3/4" and 5/8" bushings also are available.

Otherwise the 9 inch

COMET QUICK-SET DADO has the same quality, design and smooth operation features as described above for the 6 inch size.

The COMET QUICK-SET DADO is the greatest aid for better and faster woodworking since the invention of the power saw.

9 INCH SIZE
\$40⁰⁰



Comet[®]

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN

QUICK-SET[®] ROTARY PLANER

WONDERFUL TIME-SAVING TOOL... MAKES TEDIOUS JOBS A PLEASURE!

IF you have a drill press or overhead power saw, the COMET QUICK-SET rotary planer will save you countless hours of tiresome finishing work, and become the most useful and satisfying tool you've ever added to your shop.

MANY USES

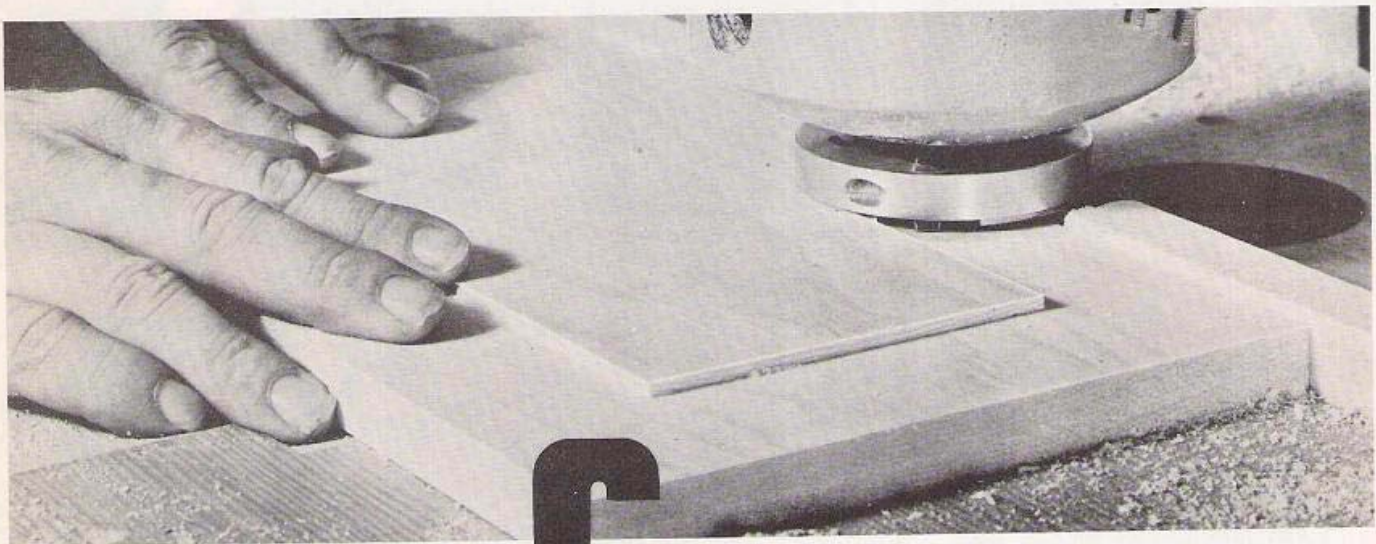
Planing, panel-raising, rabbeting, paralleling, truing up warped boards, beveling and many other jobs which usually take hours of hand work can be done in minutes, and with much more accuracy, with the inexpensive COMET QUICK-SET ROTARY PLANER.



\$750

QUALITY FEATURES

Silvanite high speed woodworking steel. (Silvanite is a well known trade name for steel having sufficient percentage of tungsten, chromium, carbon and vanadium to assure hard, durable cutting edge.) Blades are scientifically designed to shave smoothly and easily, without vibration. They rotate on a safety pad which prevents "gouging" or "digging in" if fed too fast into the wood.



LOOK FOR THE BIG

C

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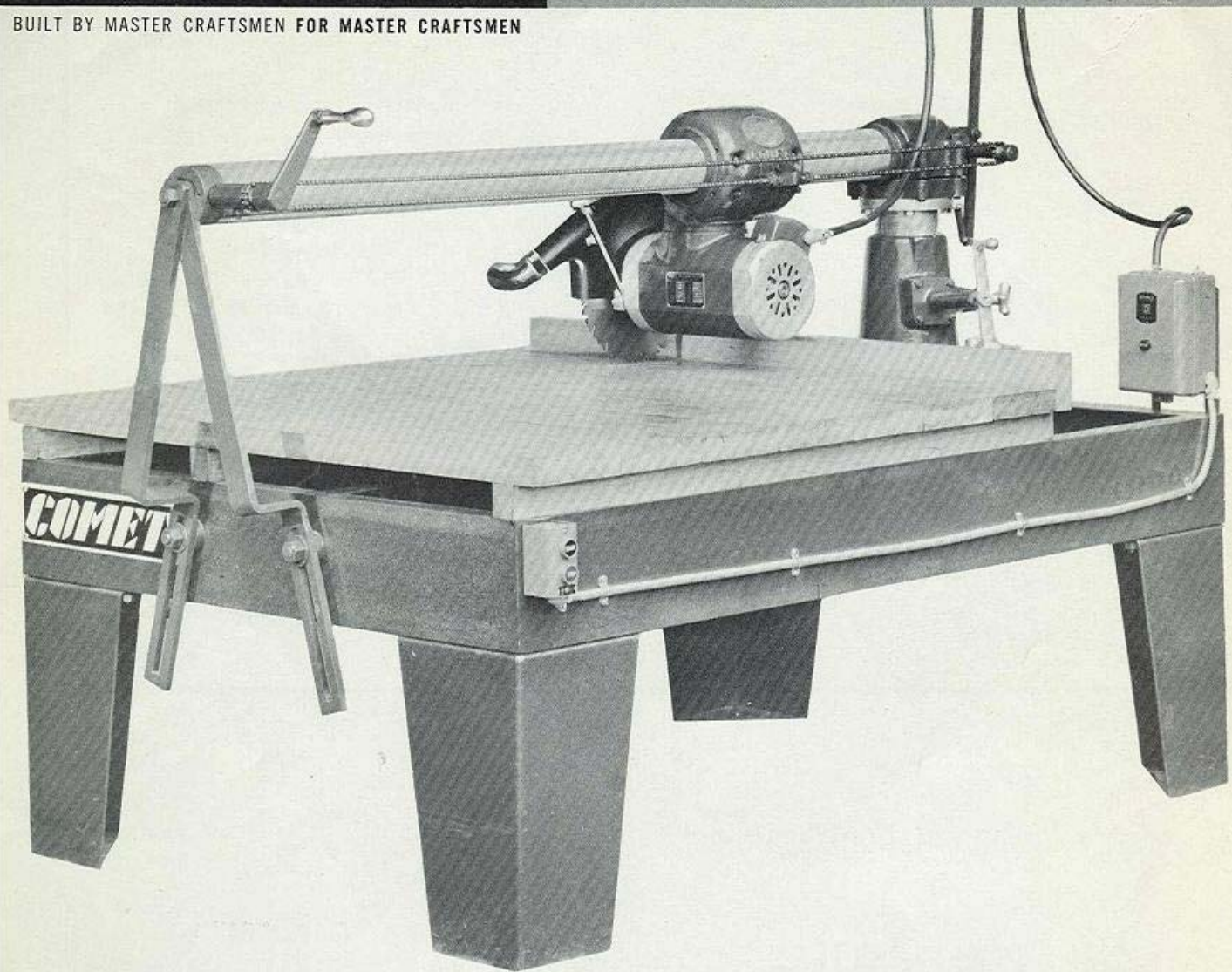
FORM 115-20M-12AA-FQ PRINTED IN U.S.A.

Comet[®]

PANEL CUTTER

MODEL PC POWER SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



**Rips and
Cross-Cuts
Panel Material
48 Inches
Wide**

In the woodworking trades the Comet PC is considered one of the most efficient, simply designed, economical panel cutters made. Comet's famous precision-engineered, eight roller bearing motor carrier housing rolls smoothly and accurately, the full width of plywood, Masonite and other panel material. Manually operated chain feed is standard equipment. Mechanical power feed can be supplied for special applications.

On standard equipment the motor is easily turned from cross-cut to rip position. With an optional bracket you can tilt the motor for beveling, or swivel into position for straight or bevel ripping.

Hardwood cutting table is supported by structural steel frame and heavy pressed steel legs.

DIMENSIONS AND SPECIFICATIONS... COMET PANEL CUTTER MODEL PC

TABLE: Structural steel—48" x 78" with heavy pressed steel legs and hardwood table top.

COLUMN: Cast semi-steel—4¾" diameter—raises and lowers by screw gear assembly.

ARM: Heat-treated tubular steel—5/8" wall, 4" diameter with surface ground tracks. Length of arm—72". Arm supported at front with adjustable angle braces.

MOTOR CARRIER: Rolls on eight permanently lubricated roller bearings enclosed in cast iron housing and protected from dirt or dust by felt seals.

MOTOR BRACKET: Motor on standard machines is bolted directly under the motor carrier. For special applications bracket can be furnished to permit motor to tilt for bevel cutting or swivel into position for straight or bevel ripping.

FEED: Motor carrier assembly moved forward and back by chain feed operated by handle convenient to operator. For special application mechanical power feeds can be supplied.

MOTOR: 1½, 2 or 3 HP single phase, and 3, 5 or 7½ three phase.

SWITCH: Proper switch for particular motor furnished, with control station convenient to operator.

GUARD: Standard Comet aluminum guard and guard bracket furnished to properly guard size of saw blade used.

CAPACITY: Will cut off and rip panels 48" wide. Depth of cut depends on diameter of blade used.

WEIGHT: Approximately 1450 Pounds.

SHIPPING: Approximately 1700 Pounds.

write for information regarding
designing
COMET PANEL CUTTERS
to your special
job requirements

LOOK FOR THE BIG



ASK FOR A **FREE ON-THE-JOB DEMONSTRATION**

CONSOLIDATED

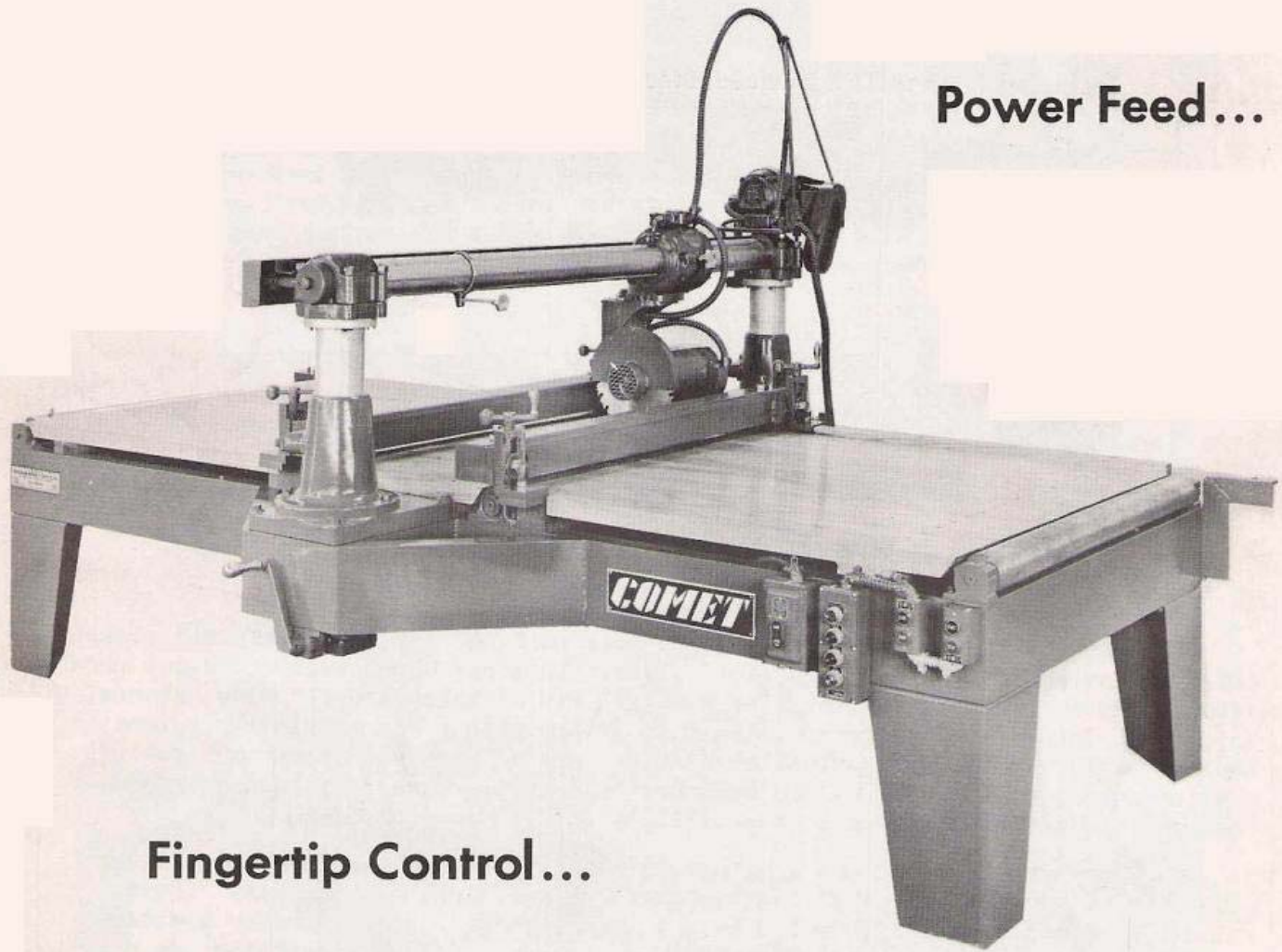
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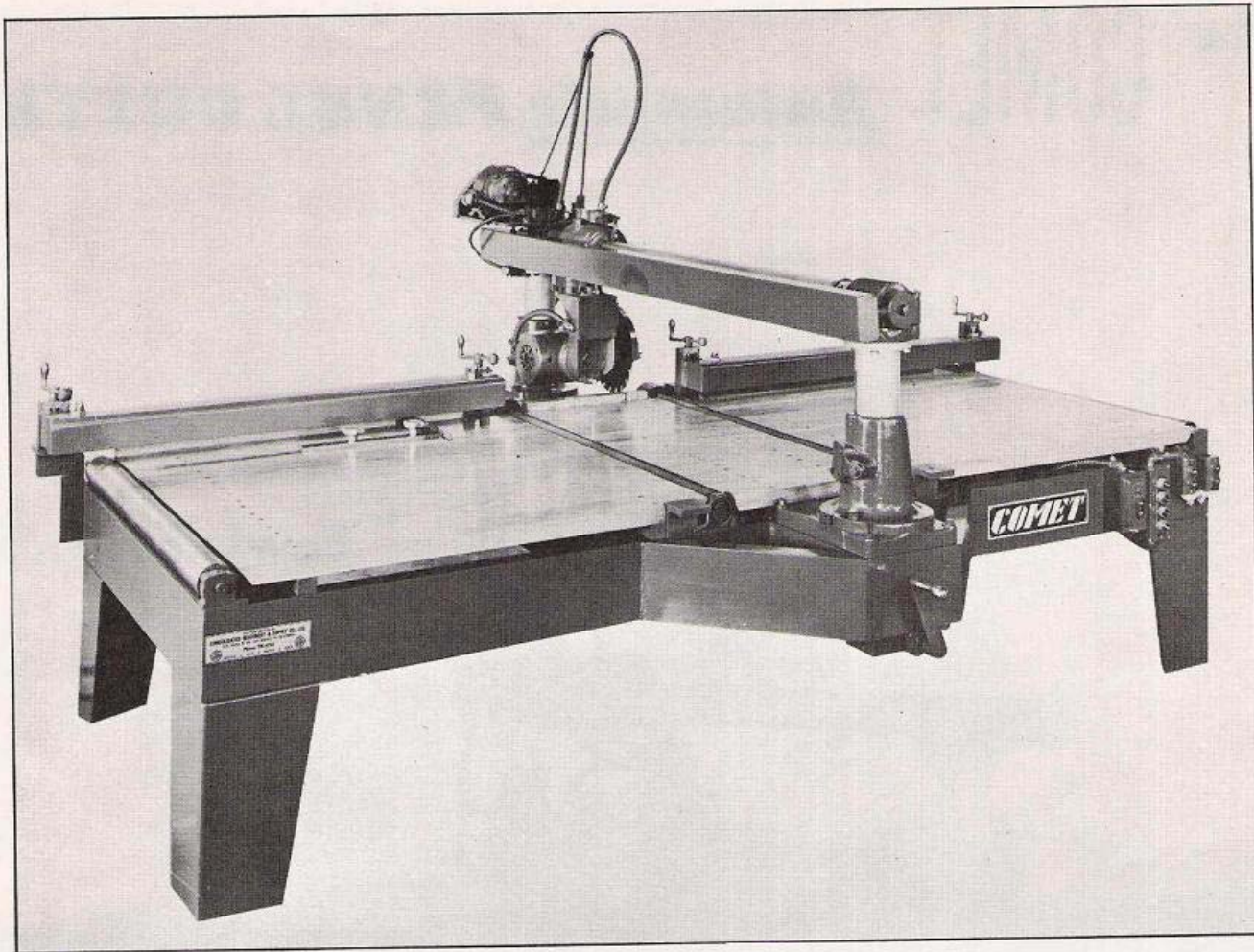
The COMET Automatic PANEL CUTTER



Power Feed...

Fingertip Control...

A C C U R A T E . . . F A S T . . . S A F E



PANEL CUTTER IN CUT-OFF POSITION WITH PRESSURE ROLLS SWUNG CLEAR

■ ■ ■

The Comet Automatic Panel Cutter has been designed for fast, safe and accurate mass production cutting of large panel stock. This new Comet will cross-cut panel material up to 2" thick and 48" wide and will rip 2" thick and 48" wide material of any length into widths desired. All of these operations are completely automatic and are easily and safely controlled by one operator from the convenient control station at the right front of the machine. All moving parts are ball bearing equipped and designed for easy accessibility and lubrication.

Two serrated feed rollers are mounted at the center of the table on either side of the saw blade and move material through the blade on rip cuts. These rollers are chain driven in unison by a 1/2 HP 3 phase gear head motor located under the rear center of the table. The two pressure roller assemblies are pivoted at the rear of the machine and fit over the serrated feed rollers. These pressure rollers may be adjusted for thickness of material from 1/4" to 2" by means of hand cranks. At each end of the pressure rollers tension springs are provided which may be adjusted for proper pressure on the material to be ripped. When cross-cutting, these pressure rollers swing out of the way and rest on a bracket support at each end of the machine. The photograph above shows the machine in cross-cut position with the pressure rolls swung clear of the table.

The motor which actuates the cross-cutting feed is mounted on a plate at the top of the rear column and moves the saw assembly along the bar by means of a gear reduction unit and chain drive. When cross-cutting, the saw assembly travels along the bar to a reversing trip which can be set by the operator and, upon reaching this trip, returns automatically to the safe back position. Thus the exact width

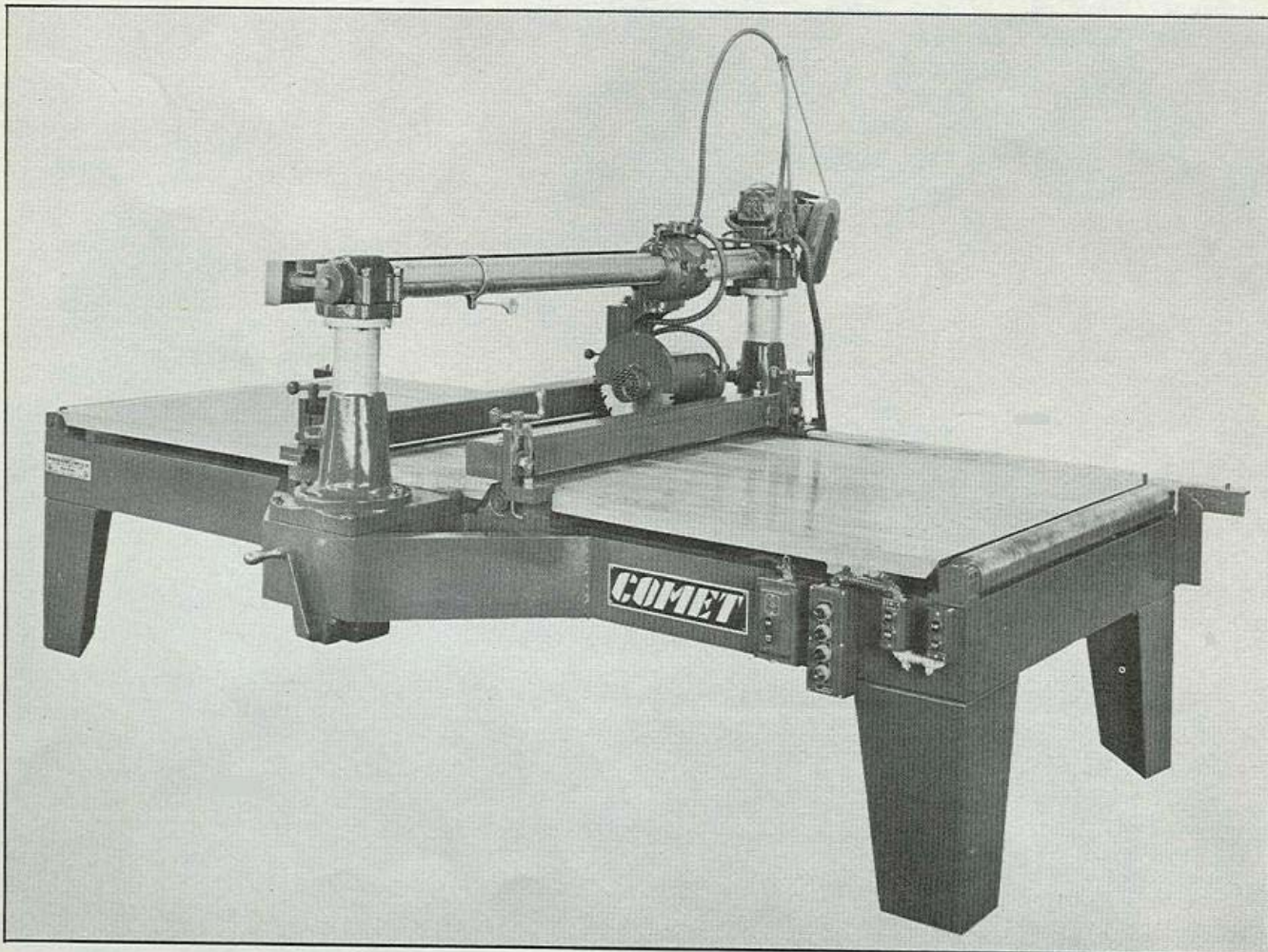
of the cut-off stroke may be predetermined, allowing the operator to control the cut without leaving his station. The cross-cut feed rate is approximately 50 feet per minute. An adjustable cut-off stop is provided for cross-cutting various lengths of material and a graduated rule is embedded in the table for accurate measurements of the width to be cut-off. The adjustable stop may be quickly removed when the unit is set-up for ripping.

Large smooth idle rollers are provided at each end of the table to facilitate handling of material for either cross cutting or ripping.

The photograph below shows the machine in rip position with the pressure feed rolls in place. The saw motor may be easily swung and locked into position for ripping and may be moved manually along the bar to the exact cutting position. A rip rule is embedded in the table top to enable the operator to quickly and accurately adjust for the rip desired. The serrated rollers feed the material to be ripped through the saw blade at approximately 40 feet per minute. The saw is powered by a 5 HP 3 phase Comet Hi-power Motor which is totally enclosed and fan cooled. This unit provides ample power for smooth accurate cutting, either cross-cut or rip.

The Comet Automatic Panel Cutter is a ruggedly built unit capable of withstanding many years of hard and continuous service. Moving parts are sealed and protected from dust and dirt and require only a minimum of attention, lubrication or adjustment. Controls are positioned so that the operator may perform all jobs with a minimum of effort and a maximum of safety. All drives and other moving parts are well guarded for additional protection to the operator.

■ ■ ■



PANEL CUTTER IN RIP POSITION WITH PRESSURE ROLLS IN PLACE

COMET AUTOMATIC PANEL CUTTER - MODEL LO

- SPECIFICATIONS -

- TABLE FRAME:** Heavy 8" structural steel channel - 132" long by 91" wide. Table legs are 3/16" pressed steel.
- TABLE TOP:** 2 Inch thick finished and varnished oak - Idle rollers 3½" diameter x 48" long are provided at each end of table top.
- OVERHEAD BAR:** Tubular heat treated steel 4" diameter, 5/8" wall, 84" long with machined and ground tracks. Plated with heavy hard chrome.
- COLUMNS:** Semi-steel columns at each end of bar raise or lower in tandem through gears and screws controlled by hand wheel at front of machine.
- OVERHEAD MOTOR CARRIAGE:** Semi-steel housing completely encloses eight ball bearing rollers. Rollers protected from dust and dirt by felt wipers encircling the bar at each end of housing.
- MOTOR BRACKET:** Direct-drive saw motor supported by semi-steel adjustable bracket permitting motor to be used in either rip or cross-cut position.
- SAW MOTOR:** Direct drive 5 HP 3 phase 60 cycle 220/440 volt 3600 RPM totally enclosed fan cooled. 12" saw guard furnished.
- RIP FEED ROLLS:** Serrated feed rolls 3½" diameter and 48" long mounted in oak table on ball bearing self aligning pillow blocks. Rolls are driven by 1/2 HP 3 phase 60 cycle 220 or 440 volt gear head motor.
- RIP PRESSURE ROLLS:** Smooth, ball bearing, spring tension pressure rolls 3½" diameter and 48" long are mounted directly over rip feed rolls. Adjustable for material 1/4" to 2" thick.
- CROSS CUTTING:** Pressure rolls are swung to back of table. Reverse trip ring is set for width of material. Cutting unit is moved forward to make cut by control switch operating 3/4 HP 3 phase 60 cycle 220 or 440 volt motor through speed reducing gears and chain feed.
- RIPPING:** Pressure rolls are swung over the feed rolls and properly set for thickness of material. Saw motor unit is moved into position and properly set for ripping. Feed roll motor (1/2 HP 3 phase 60 cycle 220 or 440 volt gear head motor referred to under caption "Rip Feed Rolls") is operated by control switch at front of machine.
- MOTOR CONTROLS:** All motor controls are located together at right front of machine convenient to operator.
- GUARDS:** All moving parts, belts and pulleys are adequately guarded for complete safety.
- WEIGHT:** Approximately 4000 lbs., crated for shipment 4500 lbs.

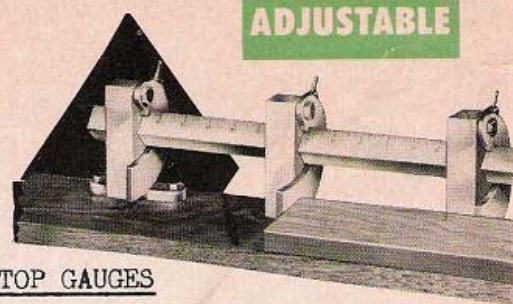
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COMET

STOP GAUGES



HIGHLIGHTS OF COMET ADJUSTABLE STOP GAUGES

1. The bar is made of Cold Rolled Steel - Weather-proofed and clearly graduated in eighths and inches for either right or left hand applications up to 20' in length.
2. Each stop except the bracket can be easily moved to any point without use of a wrench.
3. The bracket which holds the bar is also a stop gauge and can be placed on the bar so that it makes a permanent stop for cuts often made.
4. Instead of a small bolt holding the stop in place and digging into the bar, we clamp the stop around the bar. There is no digging in and nearly 4 square inches of steel grip the bar.
5. Stops can be put on or taken off the bar easily - it is not necessary to "thread" them on over the end of the bar.
6. The trigger moves back out of the way leaving the face of the stop block clear.
7. All aligning of the bar is done by the face of the stop block and not the movable trigger or finger.
8. When placing the stop at a certain measurement or graduation on the bar, it is the trigger that is actually placed in position - not a rough casting from which the trigger or finger is swung.
9. The trigger, when in position at a certain graduation mark, cannot be pushed away from the measurement desired, as it is pushed against a block of steel.
10. The appearance of the COMET Adjustable Stop Gauge Assembly is much better than the rough castings of other stops. COMET stops are entirely weather-proofed.
11. COMET stop triggers are of steel and the face block is also steel.
12. COMET stops can be made either right or left, merely by moving trigger right or left of block. No need to buy separate stops.
13. COMET stops cost no more, and in most cases less, than the other stops on the market.

COMET roller table extensions for power saws and other machines are available for use with COMET Stop Gauges or may be purchased separately.

COMET

ALL STOPS *Pre-Set*

COMET

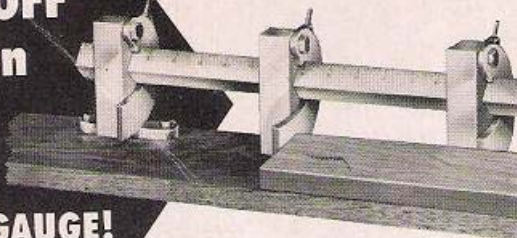
ADJUSTABLE STOP GAUGES

**Increase CUT-OFF
SAW Production**

WITH A

COMET

ADJUSTABLE STOP GAUGE!



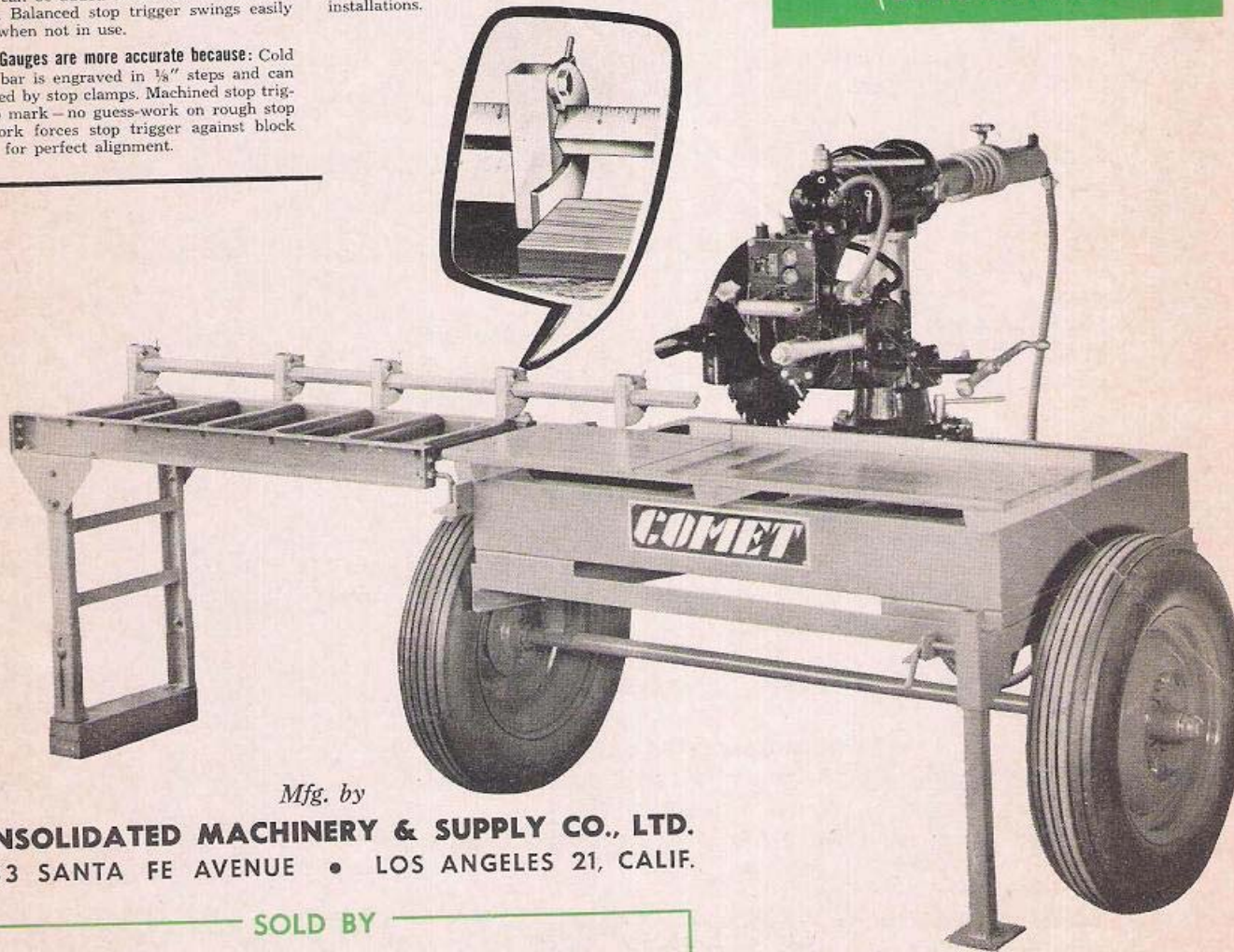
COMET Stop Gauges are faster because: Stops can be positioned anywhere on the bar by hand. Additional stops can be added to the bar without dismounting it. Balanced stop trigger swings easily out of way when not in use.

COMET Stop Gauges are more accurate because: Cold rolled steel bar is engraved in $\frac{1}{8}$ " steps and can not be marred by stop clamps. Machined stop trigger is set to mark — no guess-work on rough stop castings. Work forces stop trigger against block (not away) for perfect alignment.

COMET Adjustable Stop Gauges are available in lengths from 8 to 20 ft. All parts are heavily plated against corrosion. Can be used on right or left hand installations.

Comet Gauges are adaptable to any cut-off job. The gauges are weather-proofed for outside use. They allow room for small chip disposal.

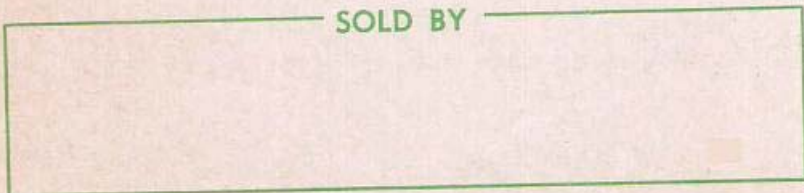
USE WITH
SWING SAWS
OVERHEAD POWER SAWS
ELECTRIC HAND SAWS
OTHER APPLICATIONS



Mfg. by

CONSOLIDATED MACHINERY & SUPPLY CO., LTD.
2033 SANTA FE AVENUE • LOS ANGELES 21, CALIF.

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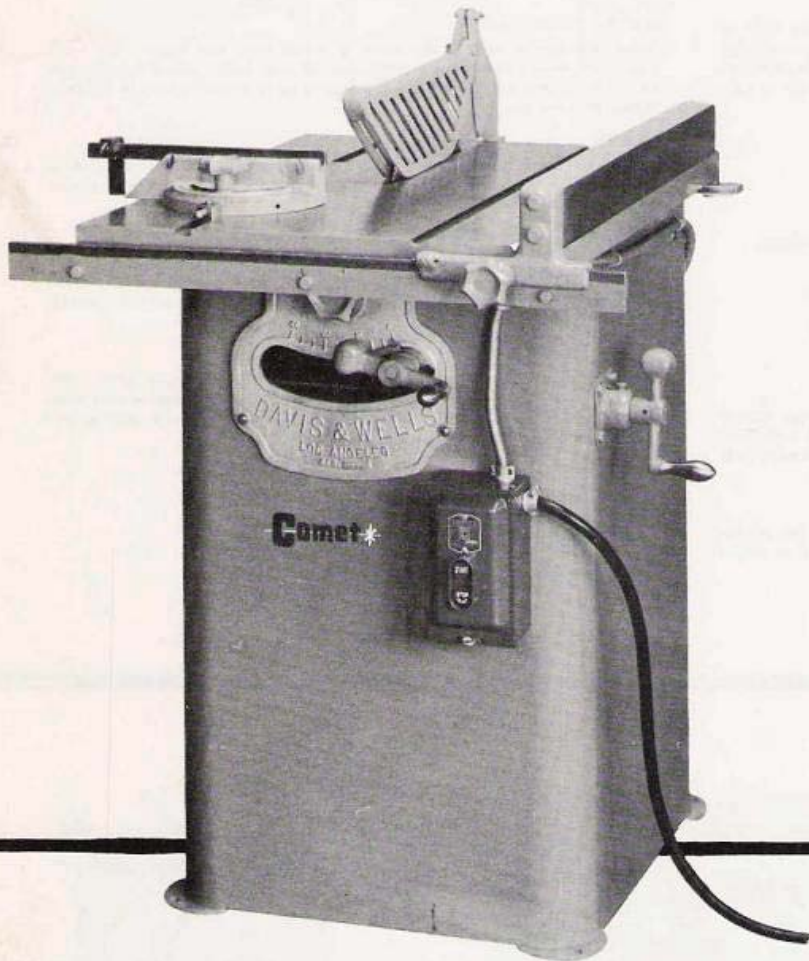


Comet[®]

DAVIS & WELLS 12 INCH
TILTING ARBOR

TABLE SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



- **Cuts fast**
- **Cuts with pencil point accuracy**
- **Easy to operate**
- **Precision built**
- **Rugged, dependable**
- **But low priced**

LOOK FOR THE BIG

C

NOW IT'S POSSIBLE for your shop to have the advantages of a quality Davis and Wells tilting arbor table saw at a price you can afford. Yes, all of the outstanding features and built-in ruggedness that have made Davis and Wells machines famous are incorporated in this new model, yet the price is amazingly low. *When you see* the quality features that are usually included only in the most expensive saws of this type, you will agree that, dollar for dollar, the new Davis and Wells 12" table saw is the greatest value on the market today.

PRECISION WORKMANSHIP throughout this Davis and Wells table saw means faster and better work for you. All moving parts are machined and balanced so that arbor and table adjustments are smooth and precise. Conveniently located controls with anti-creep locks assure quick and easy set-up and *extreme accuracy for all cuts*. The motor mount tilts with the arbor and the multiple vee belt drive is silent, efficient and powerful. Read the detailed specifications on the reverse side of this sheet and you will want to see this saw in action—when you do, you will want one for yourself!

CONSOLIDATED MACHINERY & SUPPLY COMPANY, LTD., 2033 SANTA FE AVENUE, LOS ANGELES 21, CALIFORNIA

SPECIFICATIONS—COMET DAVIS & WELLS TILTING ARBOR SAW MODEL 12A

TABLE TOP:

22 $\frac{3}{4}$ " x 30" cast semi-steel, heavily ribbed, surface ground—size with one extension 34 $\frac{1}{2}$ " x 30"—with two extensions 46 $\frac{1}{4}$ " x 30"—table slotted right and left side of blade.

FLOOR BASE:

Heavy steel, cabinet type 21" x 21" with sawdust clean out in rear. Table height 34"

ARBOR:

$\frac{3}{4}$ " diameter, stress proof, high strength steel, raises and lowers 4 $\frac{1}{8}$ " in machined housing by rack and scroll gear. Tilts to 45° on heavy machined segments front and rear by means of acme threaded screw. Both movements controlled by conveniently placed hand cranks equipped with locks to prevent creeping.

BEARINGS:

Large, high grade, precision-ground, dust-proof ball bearings.

CAPACITIES:

Maximum depth of cut—12" blade—4"
Maximum width of dado cut—1" (adaptors available for wider dados).
Maximum width of rip—right or left side—12"
Maximum width of rip—right or left side with extensions—24"
Maximum table distance in front of blade to cut 1" material—15"

BLADE:

12" high grade combination blade furnished.

RIPPING FENCE:

Heavy cored cast iron—machined surface ground for use on either side of saw. Length 29"; height 2 $\frac{3}{4}$ "; thickness 1 $\frac{3}{8}$ ". Moves on machined and graduated rail. When locked with hand knob is self-aligning and rigidly held in proper position.

CUT OFF GAUGE:

Machined cast iron, graduated to 45° both right and left with stop pin for 90° and 45°. Work gauge slides in deep grooved ways for use on either side of saw.

SAW GUARD:

Cast aluminum, supported by heavy rigid rip splitter with anti-kick dogs. Blade is guarded below table in cast iron housing which also serves as sawdust chute. All guards tilt with saw blade, guarding the blade in all positions.

DRIVE:

Multiple vee belt, silent and efficient. Arbor pulley 2 $\frac{3}{4}$ " diameter for 2 type A vee belts.

MOTOR MOUNTING:

Motor mounted at rear in line with, and tilts with saw blade. Has quick and easy means for proper tensioning of vee belts. Entire assembly is heavy cored cast iron, sturdily built to carry up to 2 HP 1 phase or 3 phase heavy duty motors.

POWER:

Suggested motor sizes—1, 1 $\frac{1}{2}$ or 2 HP 3600 RPM single phase or three phase. All motors furnished with proper switches and all are mounted with 2 vee belts to the arbor.

STANDARD EQUIPMENT:

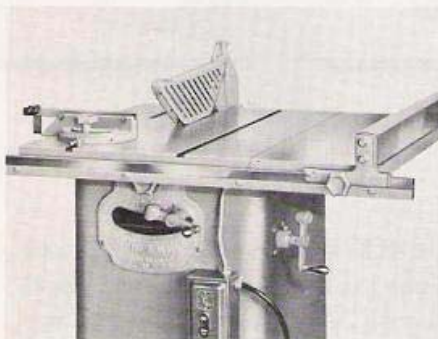
Guard with splitter and anti-kick dogs, one 12" combination saw blade, rip fence, cut off gauge, belt guard, special two groove pulley and mandrel wrench. When furnished with motor, 2 vee belts and proper switches are also provided.

OPTIONAL EQUIPMENT:

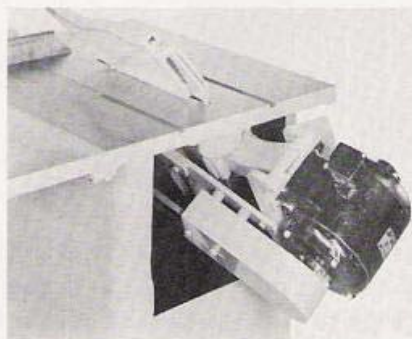
Cast semi steel table extensions machined and surface ground, 11 $\frac{3}{4}$ " x 30" for use either right or left of table. Rip, cut off, hollow ground and miter blades, dado heads, cope heads and knives, dado adaptors, and special blades and cutters made to your specifications.

WEIGHTS:

Less power—net 316 pounds.
With 1, 1 $\frac{1}{2}$ and 2 HP—approximately 400 pounds.
Add for domestic crating—approximately 75 pounds.
Add for export boxing—approximately 200 pounds.
Export box measurements—approximately 27 cubic feet.



Saw Table with Extension



Motor Mount in Bevel Cut Position



Arbor Tilted for 45° Bevel Cut

ASK FOR A **FREE ON-THE-JOB DEMONSTRATION**

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DAVIS AND WELLS 14 INCH TILTING ARBOR TABLE SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



- **Big and Husky**
- **Large capacity**
- **Built for long life of heavy duty precision cutting**

LOOK FOR THE BIG



Here's a rugged, big capacity tilting arbor table saw with real production features — priced within reach of the most modest shop. It has more quality features than any other machine in its class, plus a record of performance that make it a favorite with woodworkers everywhere. Just check these points... Cuts up to 6" deep with 16" blade, dados 2½" wide up to 2" deep, and rips to any width on either side of blade by addition of table extensions... Unique balanced

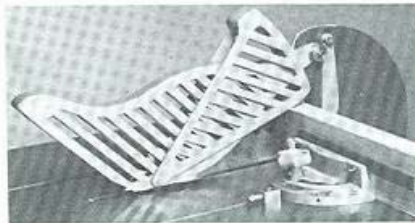
motor mount moves with the arbor and makes raising, lowering and tilting of the saw blade extremely easy, smooth and accurate... Multiple vee belt drive carries heaviest loads... Arbor tilts to 45° on oversized machined quadrants — raises and lowers in machined ways... Guard is double-acting for maximum safety. Read the detailed specifications on the reverse side of this sheet — you'll see more reasons why Davis and Wells is your best buy!

SPECIFICATIONS COMET D & W 14 INCH TILTING ARBOR SAW

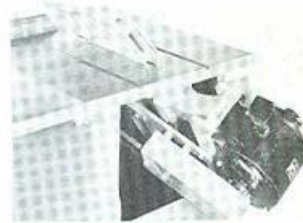
- TABLE TOP:** 28" x 32" cast semi-steel, heavily ribbed, surface ground—size with one extension 32" x 40" —with 2 extensions 32" x 52"—table slotted right and left of blade.
- FLOOR BASE:** Heavy steel, cabinet type 21" x 24", with saw dust clean out in rear. Table height—34".
- ARBOR:** 1" diameter, stress proof, high strength steel, raises and lowers 5½" in machined housing by rack and scroll gear. Tilts to 45° on heavy machined segments front and rear by means of hand cranks and screw.
- BEARINGS:** Large, high grade, precision-ground, dust-proof ball bearings.
- CAPACITIES:** Maximum depth of cut—14" blade, 5"; 16" blade, 6".
Maximum width of dado cut—1" with adaptor—2½".
Maximum rip—right or left side with extensions—24½".
Distance front of blade—1" material—15½".
- BLADE:** 14" high grade combination blade furnished. (16" blade can be used but it will not lower completely below the table.)
- RIPPING FENCE:** Heavy cored cast iron—machined surface ground for use on either side of saw. Length—30"; height—2¾"; thickness—1¾". Moves on machined and graduated rail. When locked with hand knob is self aligning and is rigidly held in proper position.
- CUT OFF GAUGE:** Machined cast iron, graduated to 45° both right and left with stop pin for 90° and 45°. Work gauge slides in deep grooved ways for use on either side of saw.
- SAW GUARD:** Cast aluminum, double acting guard above table (blade guarded when material is both entering and leaving the saw blade). This automatic guard, spring counter balanced, is supported by heavy rigid rip splitter with anti-kick dogs. Blade is guarded below table in cast iron housing which also serves as sawdust chute. All guards tilt with saw blade, guarding it in all positions.
- DRIVE:** Multiple vee belt, silent and efficient. Arbor pulley 2¾" diameter for 4 A type vee belts.
- MOTOR MOUNTING:** Motor mounted rear in line with, and tilts with, saw blade. Has quick and easy means for proper tensioning of vee belts. Entire assembly heavy cored cast iron, sturdily built to carry up to 7½ HP 3 phase heavy duty motors.
- POWER:** Suggested motor sizes—2 or 3 HP 3600 RPM single phase or 2, 3, 5, or 7½ HP 3600 RPM three phase. All motors furnished with proper switches and all mounted with 4 vee belts to the arbor.
- STANDARD EQUIPMENT:** 1 table extension mounted on right side of table. Double acting guard with splitter and anti-kick dogs, 1—14" combination saw blade, rip and cut off fences, belt guard and mandrel wrench. When furnished with motor, 4 vee belts, motor pulley and proper switches are provided.
- OPTIONAL EQUIPMENT:** Cast semi steel table extensions machined and surface ground, 12" x 32", for use either right or left of table. Rip, cut-off and hollow ground, mitre blades, dado heads, cope heads and knives, dado adaptors, and special blades and cutters to your specifications.
- WEIGHTS:**
- | | | |
|--------------------------------------|---------|------------|
| Less power | Net | 470# |
| With 2 and 3 HP motors | Approx. | 560# |
| With 3, 5 and 7½ HP motors | Approx. | 575# |
| Add for domestic crating | Approx. | 75# |
| Add for export boxing | Approx. | 200# |
| Export box measurements | Approx. | 27 cu. ft. |



Saw table with extensions



Guard assembly and rip splitter



Motor mounts in bevel rip position

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DAVIS AND WELLS 14 INCH

BAND SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN

**Leads the field
in ruggedness,
accuracy,
and long life**

LOOK FOR THE BIG



This compact band saw provides a combination of features which assure continuous smooth operation and extremely accurate cutting.

The balanced ball bearing disc wheels with precision ground rubber tires, together with the unique upper spring tension assembly and adjustable ball thrust guides keep blades running true with minimum breakage. The surface ground table tilts to 45 degrees on accurately machined graduated quadrants. Wheels are completely guarded front and back—only the actual cutting portion of the blade is exposed.

The Davis and Wells 14 inch Band Saw can be supplied as a bench model or on floor stand with either vee belt drive to permit various speeds for cutting different materials or direct motor drive.

Comet[®] *

DAVIS AND WELLS 14 INCH

BAND SAW



SPECIFICATIONS

FRAME: Heavy one-piece cast iron frame.

WHEELS: Cast iron disc, machined and balanced, having precision ground rubber tires.

BEARINGS: Four precision ground ball bearings. Axle $\frac{3}{4}$ " diameter between bearings.

TABLE: 14" band saw, 16" x 16" table. Tilts to 45 degrees on machined quadrants.

GUIDES: Ball thrust wheels take back pressure of blade. Hardened steel blocks take side pressure. Same guides above and below the table.

BLADE: Length 14" band saw, 7'7". Widths $\frac{1}{8}$ " to $\frac{1}{2}$ ".

GUARD: One-piece cast aluminum guard completely covers blade and wheels when closed. When open leaves working parts entirely exposed.

SPEEDS: Because of the vee belt drive, various blade speeds may be obtained by changing pulleys.

CAPACITY: 14" band saw cuts $6\frac{1}{4}$ " thick — 14" between blade and frame.

WEIGHT: Bench Type, less motor, 150 lbs.; On Floor Stand, less motor, 225 lbs.

SHIPPING WEIGHT: Add 60 lbs. for crating — 150 lbs. for export boxing.

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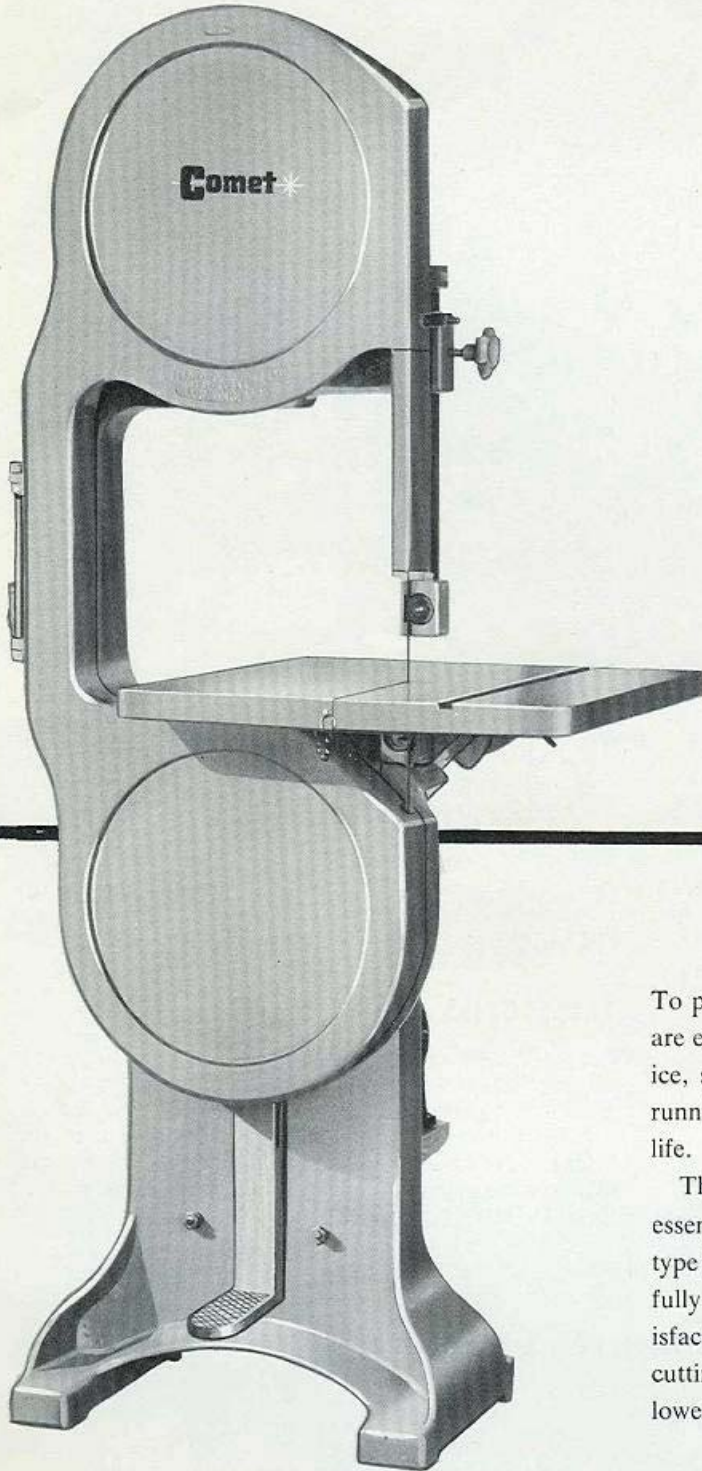
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DAVIS AND WELLS 20 INCH

BAND SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



**It has EVERYTHING
for clean cutting,
safe operation,
long life of service**

Now equipped with quick acting,
positive brake, properly located
for your convenience and safety.

LOOK FOR THE BIG

C

To provide accurate productive cutting certain features are essential in a band saw. Long-time satisfactory service, strength and proper design are necessary. Smooth running and proper blade tension to assure longer blade life.

The Davis & Wells 20" Band Saw is built to meet all essential requirements. The rigid, cored cast iron, box type frame, plus the heavy cast iron machined and carefully balanced disc type wheels assure long life and satisfactory service. All moving parts, except the actual cutting portion of the blade, are guarded, the upper and lower wheels being completely enclosed.

COMET DAVIS AND WELLS 20 INCH BAND SAW

FEATURES

Upper and lower wheels are completely enclosed. Front one piece hinged guard swings open exposing both upper and lower wheels.

A unique semi-floating upper wheel assembly and spring tensioning arrangement assures longer blade life.

The heavy one piece frame is cored cast iron, box type, assuring rigidity and proper alignment of working parts.

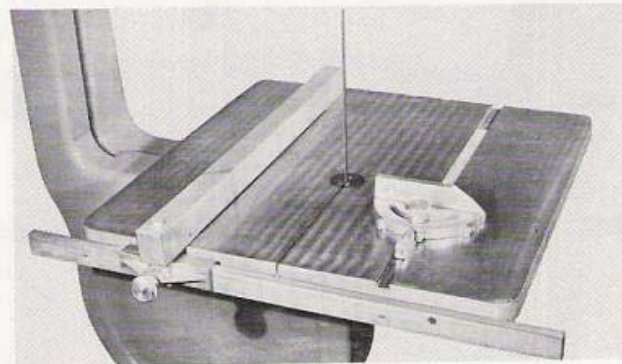
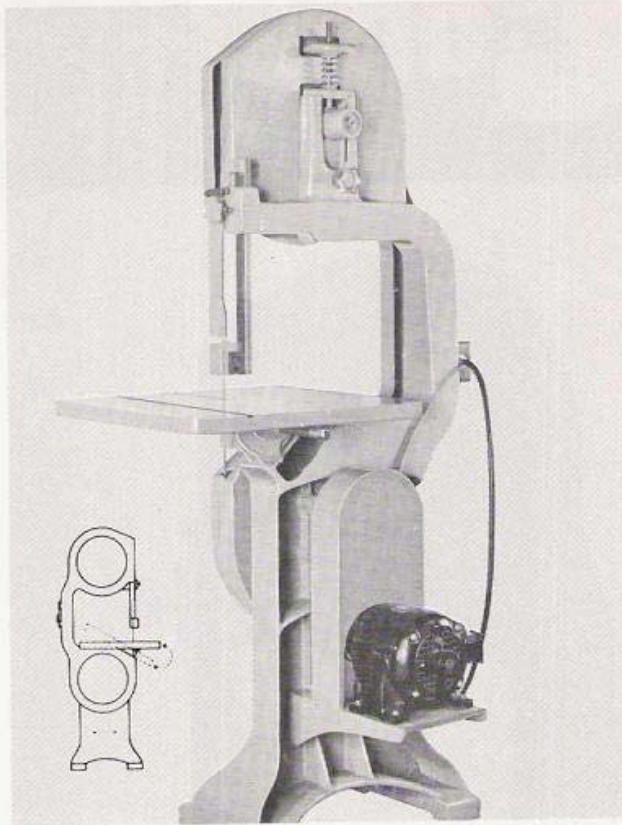
Guides have ball bearing hardened steel guide wheels, with hardened steel side blocks, easily adjustable for blade widths $\frac{1}{8}$ " to $\frac{3}{4}$ ". Upper guide raises to permit cutting material $13\frac{1}{2}$ " thick.

Heavy cast iron disc wheels machined and carefully balanced with precision ground rubber tires. Axles are 1" diameter on four large precision ground dust proof ball bearings.

Motor carrier easily adjustable for proper tensioning of vee belts. (Belt guard as pictured optional.)

Large table 26" x 26" machined and surface ground, tilts 45° on machined double quadrant.

Miter cut-off guide or rip fence assembly optional equipment.



SPECIFICATIONS

Frame: Heavy one piece cored cast iron.

Wheels: 20 $\frac{1}{4}$ " cast iron disc type, machined and balanced having precision-ground rubber tires.

Bearings: Four large precision-ground dust-proof ball bearings — axles 1" diameter.

Slotted Table: 26" x 26" surface ground cast iron. Tilts 45 degrees on machined double quadrant.

Foot Brake: Quick, positive action brake is properly located for your convenience and safety.

Guides: Dust proof ball-bearing hardened-steel guide wheels to take back pressure of blade. Adjustable hardened steel blocks to take side pressure. Same type guides above and below the table.

Blade: Length 11'8". Width $\frac{1}{8}$ " to $\frac{3}{4}$ ".

Guard: Both upper and lower wheels are completely enclosed. Front guard is one piece cast aluminum and when open leaves working parts entirely exposed.

Drive: Vee belt drive. Available also direct drive, as well as variable speed band saws for cutting metals and other materials.

Capacity: Cuts material up to $13\frac{1}{2}$ " thick. $19\frac{1}{2}$ " between blade and frame.

Weights: Belt driven less motor — 615 lbs.; with motor — 685 lbs. Direct motor drive — 665 lbs.; Variable speed, less motor — 690 lbs. Variable speed with motor — 750 lbs.

Shipping Weight: Add 90 lbs. to above weights for domestic crating. Add 240 lbs. to above weights for export boxing.

ACCESSORIES

An easily attached ripping fence can be supplied. Above picture shows this rip fence, also miter cut-off guide. These accessories, along with vee belt guard, are furnished when specified. (See price lists for prices.) A wide selection of band saw blades are available for cutting various materials. Blade widths from $\frac{1}{8}$ " to $\frac{3}{4}$ " — 11'8" long.

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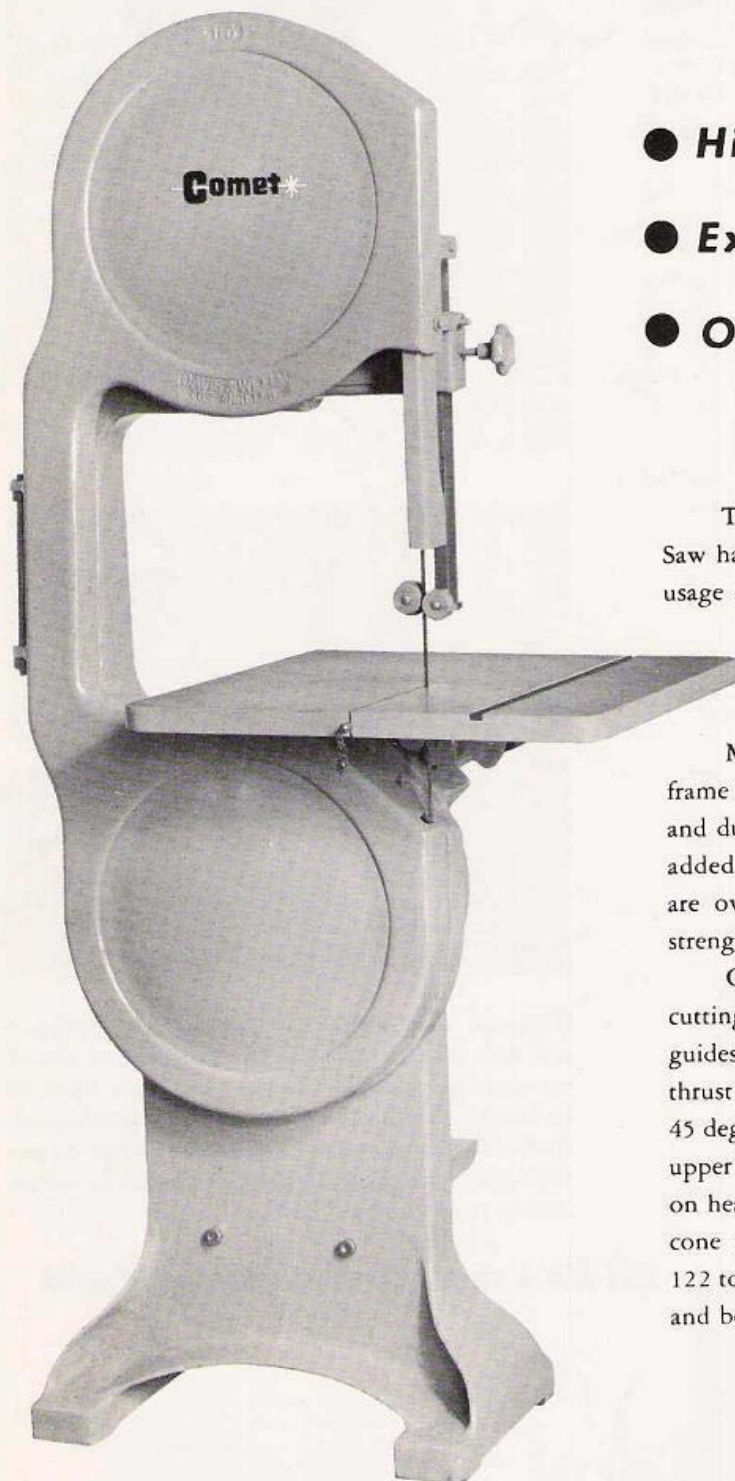
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DAVIS AND WELLS 20 INCH METAL CUTTING BAND SAW

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



- **High Production**
- **Extreme Accuracy**
- **On Toughest Jobs!**

The Davis and Wells 20 inch Metal Cutting Band Saw has the sturdy construction necessary to take rugged usage and still provide unexcelled service year after year.

Many features make this possible — the one-piece frame is heavy cored cast iron...bearings are extra large and dust-proof...the cast iron table is heavily ribbed for added rigidity...moving and weight-supporting parts are oversize and precision machined — all mean added strength for longer life.

Other features guarantee accuracy and smooth cutting — the step cut face of the band wheels and special guides keep blades true...guides provide for heavy back thrust and side pressure of blade and may be turned 45 degrees to permit cutting of long stock...semi-floating upper wheel assures longer blade life...table tilts 45 degrees on heavy precision machined double quadrant...four-step cone pulleys and back gear provide blade speeds from 122 to 5820 feet per minute — all mean more production and better work.

COMET DAVIS & WELLS METAL CUTTING 20 INCH BAND SAW FEATURES

Upper and lower wheels are completely enclosed. Front one piece hinged guard swings open exposing both upper and lower wheels.

A unique semi-floating upper wheel assembly and spring tensioning arrangement assures longer blade life.

The heavy one piece frame is cored cast iron, box type, assuring rigidity and proper alignment of working parts.

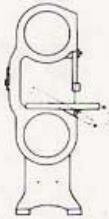
Disc type wheels are heavy cast iron, precision machined and balanced. Grooved step type rims keep blade true. 1" axles are mounted on two large dust-proof ball bearings.

Motor carrier easily adjustable for proper tensioning of vee belts.

Large 26" x 26" table machined and surface ground — tilts 45 degrees on machined double quadrant.

Graduated cut-off guide can be supplied as optional equipment.

SPECIFICATIONS



FRAME: Heavy one-piece cored cast iron.

WHEELS: 20 1/4" machined and balanced cast iron disc type with step rims.

BEARINGS: Four large precision-ground dust-proof ball bearings—axles 1" diameter.

TABLE: 26" x 26" surface ground cast iron. Tilts 45 degrees on machined double quadrant.

GUIDES: Dust-proof ball bearing guide wheels above and below the table take back and side pressure of blade. Guides take 1/4", 1/2" and 3/4" wide blades and can be turned 45 degrees to permit cutting stock 12" wide into any desired length.

BLADE: Length 11'8". Widths 1/4", 1/2" and 3/4".

GUARD: Both upper and lower wheels are completely enclosed. Front guard is one piece cast aluminum and when open leaves working parts entirely exposed.

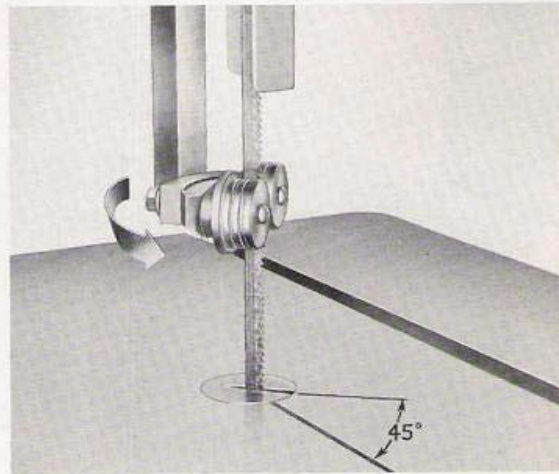
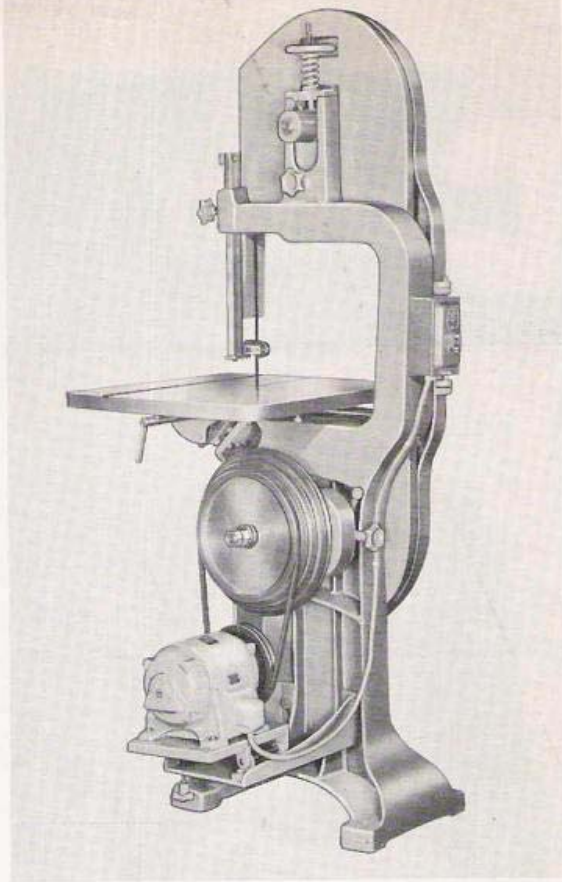
DRIVE: Vee belt drive with four-step cone pulleys and back gear provides eight speeds as follows with 1800 RPM motor:

SPEED	FT. PER MINUTE	DRIVE
22 RPM	122	Low Back Gear
38 RPM	200	2nd Back Gear
54 RPM	287	3rd Back Gear
73 RPM	388	High Back Gear
313 RPM	1688	Low Open Belt
528 RPM	2814	2nd Open Belt
732 RPM	3880	3rd Open Belt
1092 RPM	5820	High Open Belt

MOTOR: 1 H.P. single or three phase recommended.

CAPACITY: Cuts material up to 13 1/2" thick, 19 1/2" between blade and frame.

WEIGHT: Less motor 670 pounds — with motor 765 pounds — Add 90 pounds for domestic crating and 240 pounds for export boxing.



Hardened steel guides are ball bearing equipped and dust proof. Upper and lower guides mounted on machined quadrants which permit the blade to be turned 45 degrees as shown in the photograph above. This allows 12 inch wide material to be cut through at any point. Upper guide raises to permit cutting material 13 1/2" thick.

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CONSOLIDATED MACHINERY & SUPPLY COMPANY, LTD.

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SHAPER DAVIS & WELLS MODEL FS2

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN

- ONE-INCH SPINDLE
- SEALED OIL-MIST BEARINGS
- COOL RUNNING
- ACCURATE
- TROUBLE FREE
- BUILT FOR MANY YEARS OF DEPENDABLE SERVICE

Here's the production shaper that's far ahead of the field in quality, performance and price.

The spindle assembly is hung directly to the bottom of the table for perfect alignment and rigidity. It raises and lowers smoothly by means of rack and scroll gear.

Adjustments are made easily with a balanced hand crank conveniently located at the front of the base, and a positive lock knob at right.

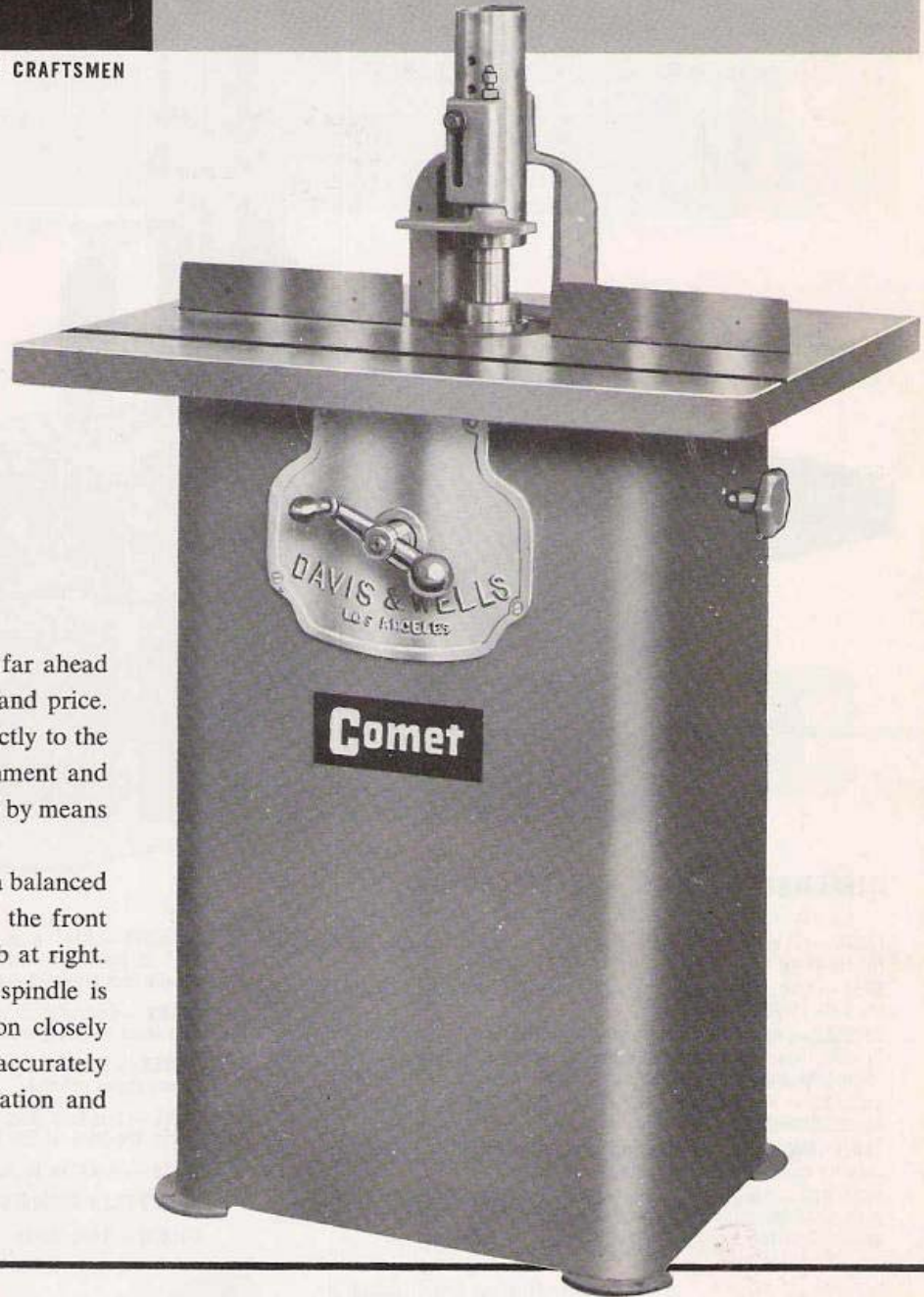
The COMET'S rugged one-inch spindle is tough alloy steel, and is mounted on closely coupled bearing centers, with an accurately machined housing to eliminate vibration and assure rigidity.

Labyrinth seals keep all dust and dirt out of the bearings. An oil reservoir and pump are located within the housing BELOW the lower bearing. The pump circulates exactly the right amount of oil to the upper bearing, where it flows back to the lower bearing and the reservoir. Due to this constant circulation, the bearings operate in a MIST OF OIL to assure a cool running, long wearing, accurate and trouble-free spindle.

The COMET'S safety guard includes an adjustable tubular rubbing cylinder and spring tension hold-down

mounted as a compact unit, and may be used individually or with the independently adjustable straight fences.

The floor base is heavy welded steel, solid and good looking. The motor is mounted within the base at the rear of the machine, and is almost completely under the table top, so that less floor space is required, shorter flat or vee belts may be used, and greater motor protection is afforded.



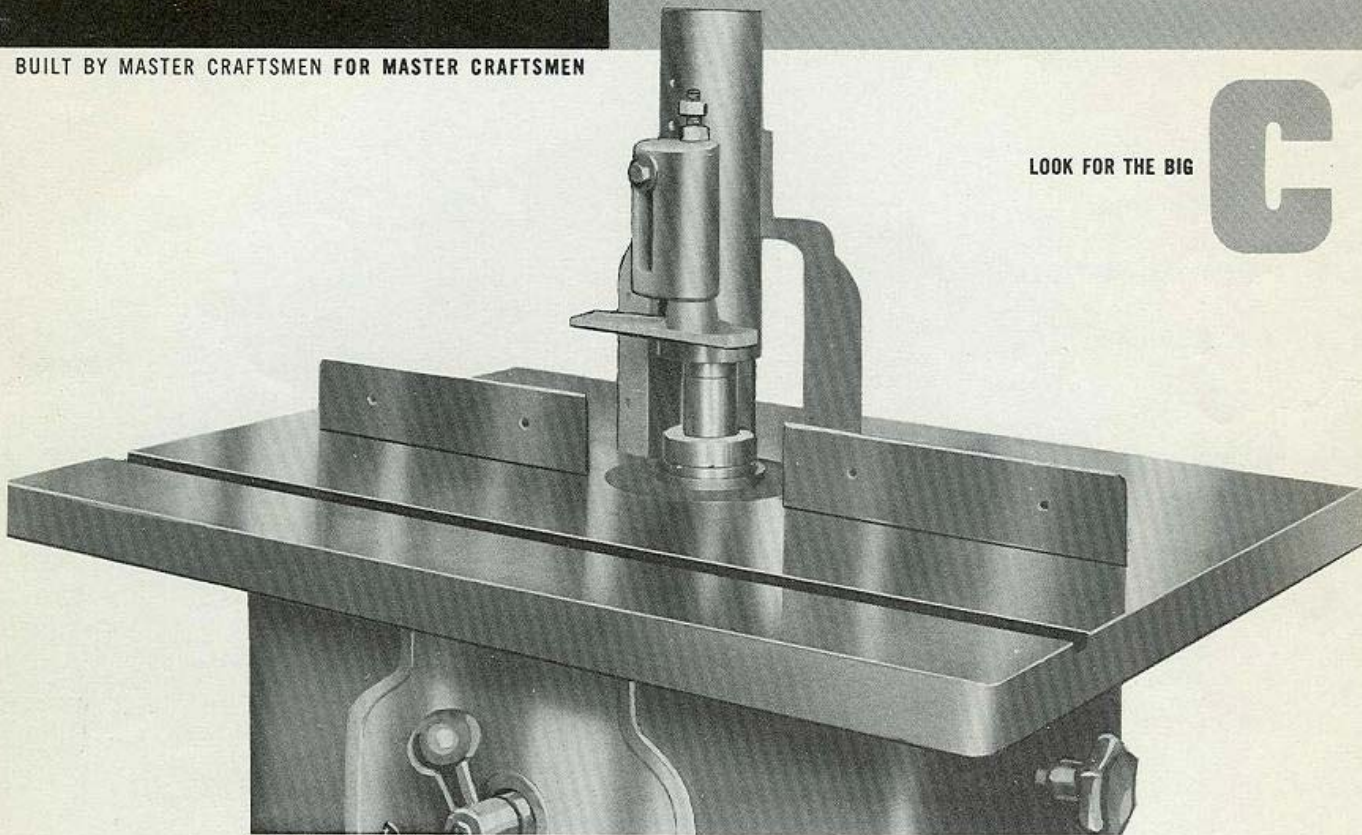
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SHAPER DAVIS & WELLS MODEL FS2

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN

LOOK FOR THE BIG

C



DIMENSIONS AND SPECIFICATIONS

TABLE — 21½" x 29½". Cast semi-steel, surface ground. Table milled for tenoning fence.

BASE — One-piece solid grey iron casting, beautifully streamlined and extremely rigid.

SPINDLE — Alloy steel, 1" diameter and 6" long above bearing housing. Spindle, bearings and circulating oil pump housed in a single easily removable unit. 1½" spindle can be furnished.

COLLARS — Slotted steel knife collars 2½" diameter. Adequate spacing collars furnished.

TABLE RING — Removable ring for undercut 5" diameter, stationary rubbing collar integral with ring.

BEARINGS — Large selected precision ground ball bearings lubricated by built-in oil pump circulating oil constantly from oil reservoir. Labyrinth seals effectively keep dust and dirt out of spindle bearings.

CAPACITY — 3½" wide knife between collars. Spindle raises and lowers 3½" in machined housing by means of rack and scroll gear. Positive spindle lock prevents creeping.

GUARD — Combination of guard, tubular rubbing cylinder and spring hold-down securely mounted on table in one compact unit.

FENCES — Two independent straight fences furnished. Tenoning fence as shown above optional.

DRIVE — Flat belt drive from vertical motor mounted on adjustable plate within the base at the rear of machine. Double vee belt drive optional.

SPEED — 8,000 to 12,000 R.P.M.

HORSEPOWER REQUIRED — 1, 1½ or 2 H.P. recommended.

WEIGHT — Less motor, 270 lbs. Shipping weight, 310 lbs.

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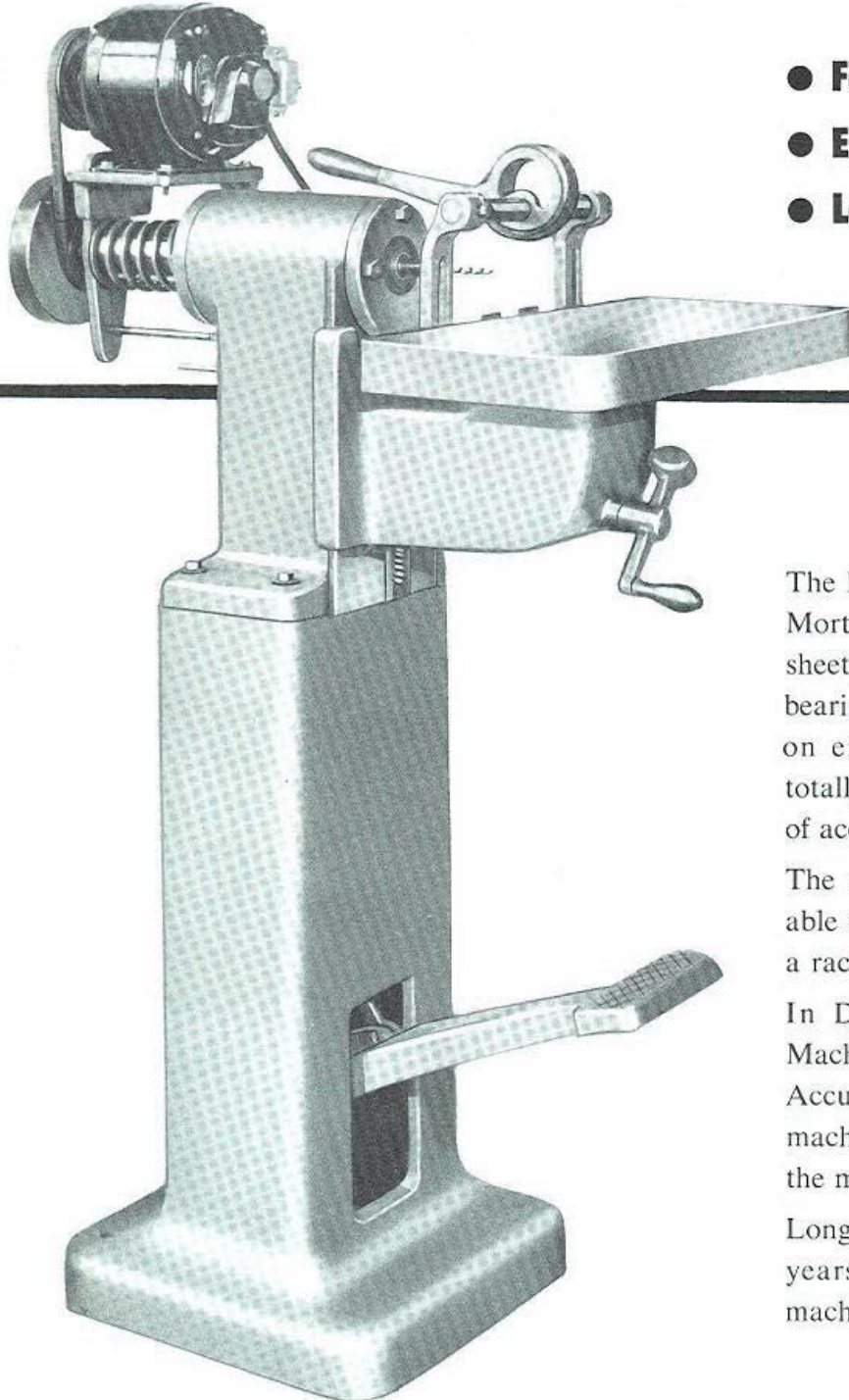
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DAVIS & WELLS

BORING MACHINE



- For accuracy
- Ease of operation
- Long life

LOOK FOR THE BIG



The Boring Machine and Hollow Chisel Mortiser (pictured on the back of this sheet) are of unique design. The ball bearing spindle moves forward and back on eight adjustable, greased-sealed, totally enclosed ball bearings, assurance of accuracy.

The table is quickly and easily adjustable to the desired position by means of a rack and scroll gear.

In Davis and Wells Woodworking Machinery accuracy is an inherent factor. Accuracy of operation is one with the machine . . . prevails during the life of the machine.

Long life is built in . . . assuring scores of years of dependable service after the machine has paid for itself.

Comet[®]

DAVIS & WELLS

BORING MACHINE

WITH MORTISING ATTACHMENTS

Other features of the Davis and Wells Boring Machine: Mortising assembly is easily attached, providing a positive lever action for both in and out strokes. The motor is mounted on a traveling spindle housing and is adjustable for tightening the Vee Belt drive. A heavy flywheel on the spindle aids in rapid boring or mortising.

SPECIFICATIONS

Overall Height 42" - With Motor 49".

Length overall 32".

Floor stand 15"x15".

Table—Surface ground 9"x20½". Raises and lowers on gibbed way ¼" per turn by rack and scroll gear. May be locked in any desired position.

Hold-down—Hand lever type, adjustable.

Spindle—Ball bearing, heat treated alloy steel spindle assembly rolls on hardened steel tracks on eight adjustable grease sealed ball bearings totally enclosed in bearing housing, with felt seal at each end of housing. Forward motion of spindle actuated by foot pedal and chain connected to spindle housing. Travel of spindle approximately 3¾". Heavy coil spring around spindle housing returns bit to rear position.

Stop—Adjustable stop permits accurate adjustment of bit.

Flywheel—Heavy flywheel on rear end of spindle assures maximum performance with minimum of horsepower.

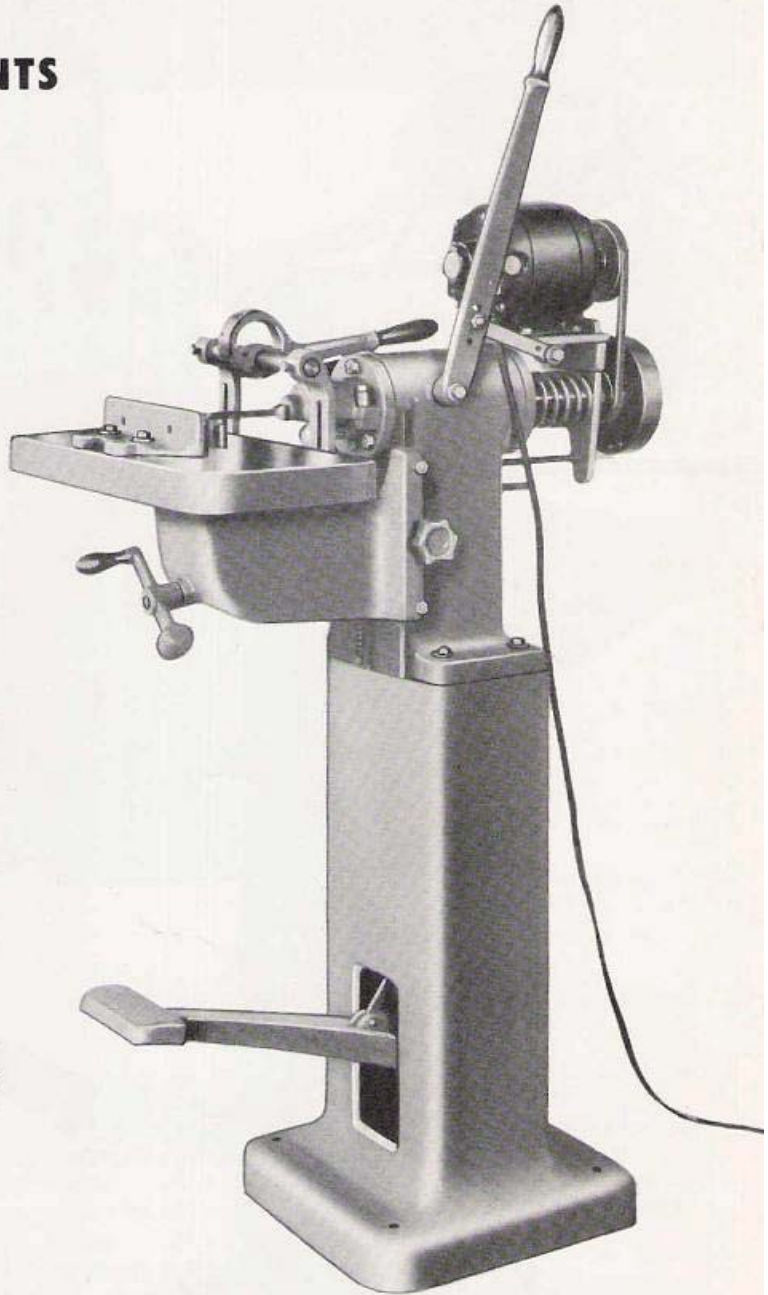
Motor—⅓ H.P., 110 Volt 1 phase recommended. Vee belt drive to machine.

Hollow Chisel Mortiser—With the addition of the hand lever, chisel holder and back stop the boring machine may be quickly converted into a high quality mortiser with positive in and out feed.

Net Weight—265 lbs. With motor 285 lbs.

Domestic Crating—Add 65 lbs.

Export Boxing—Add 100 lbs.—22 cu. ft.



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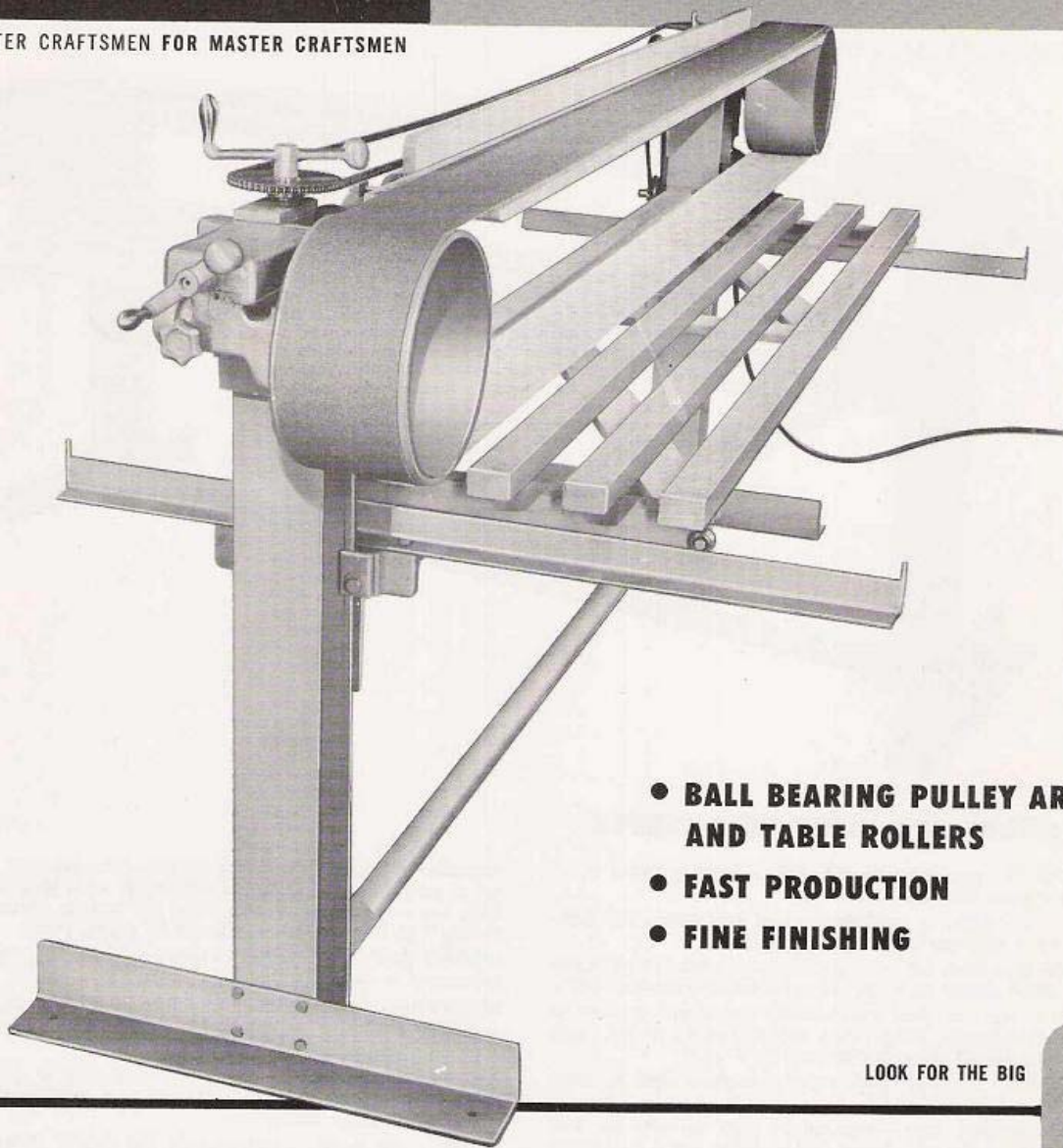
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BELT SANDER DAVIS & WELLS MODEL NO. DW-1

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



- **BALL BEARING PULLEY ARBORS AND TABLE ROLLERS**
- **FAST PRODUCTION**
- **FINE FINISHING**

LOOK FOR THE BIG

C

MASTER CRAFTSMEN in all the woodworking trades will tell you that this COMET Belt Sander is a real money-maker, easy to operate, and remarkably low priced.

Smooth running, accurately machined and balanced pulleys take a 6 inch wide belt. Pulley arbors are extra heavy, with lifetime sealed, dust-proof ball bearings, permanently lubricated.

Balanced handles for controlling belt tension, belt adjustment, and roller table position are conveniently located together on one side of the machine.

The table assembly moves smoothly on ball bearing rollers, and has a wide range of adjustment for flat sanding under the belt. Edging table is conveniently located above.

Various table sizes are available to fit your particular specifications.

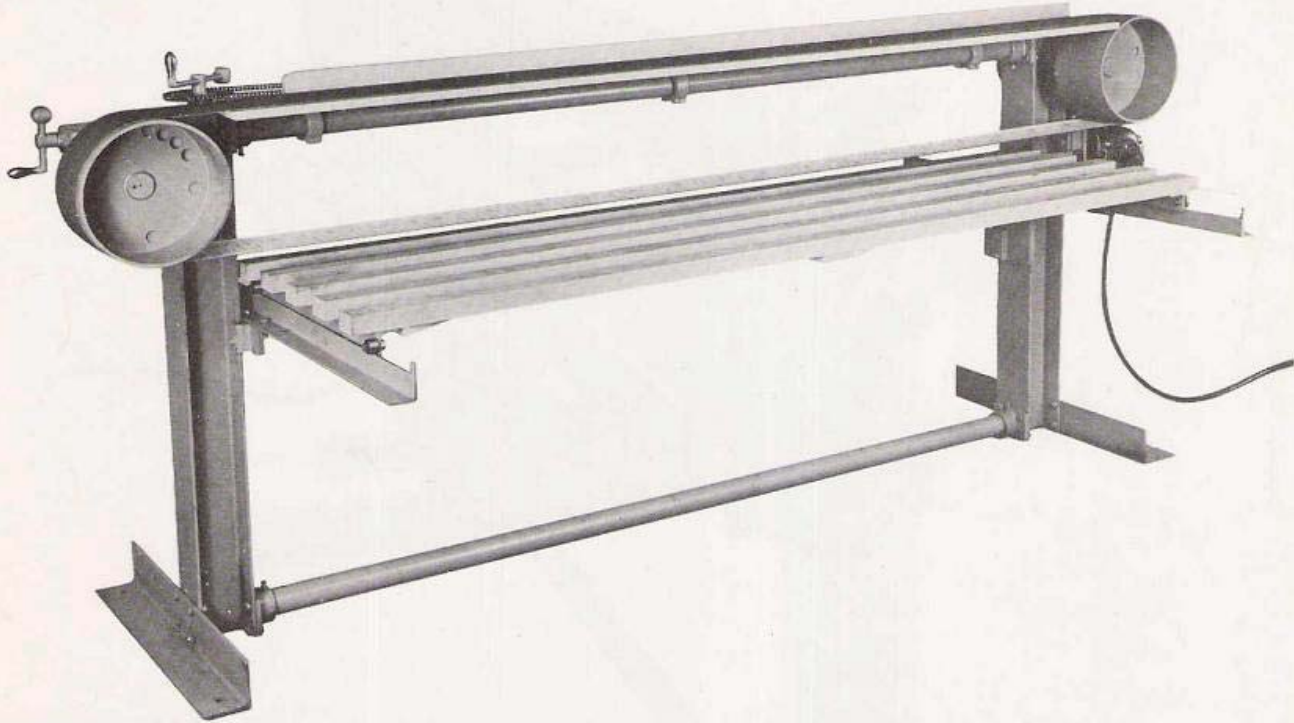
Heavy structural alloy steel frame members give the COMET belt sander rigidity and strength.

Compare the COMET belt sander with all others, point by point, including price, and you'll see why it is the best investment you can make.

Comet[®]

BELT SANDER DAVIS & WELLS MODEL NO. DW-1

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



SPECIFICATIONS FOR COMET BELT SANDER

PEDESTALS: Heavy 5" steel I beams 48" high—securely bolted to 4" steel angle floor bases 30" wide.

PULLEYS: Accurately machined and balanced cast grey iron—12" diameter x 6 $\frac{3}{4}$ " face to take sander belts up to 6" wide.

PULLEY ARBORS: Extra heavy semi-steel housings—permanently lubricated ball bearings sealed against dust and dirt—Accurately machined shafts.

ROLLER TABLE: Heavily varnished wood—cross braced and mounted on sturdy steel angle supports. Table moves on ball bearing rollers. Table can be made to customers specifications, up to 5' x 14'.

ROLLER TABLE RAILS: Heavy 2" steel angles—properly sized for table rollers.

EDGING TABLE: Varnished wood—mounted on upper spreader bar with rugged cast semi-steel brackets. Serves also as safety guard for sanding belt.

PULLEY ADJUSTMENT: Balanced crank moves left hand pulley on accurately milled ways by means of Acme threaded screw to control belt tension. Oversize knob controls accurate tilting screw adjustment of pulley position so that sanding belt will be properly centered at all times.

ROLLER TABLE ADJUSTMENT: Rugged non-slip chain and sprocket drive

controlled by balanced hand crank connects Acme threaded screws at each end of table to make raising and lowering of table smooth and accurate. Table has a wide range of adjustment and may be removed entirely for sanding high pieces. Chain is guarded by edging table.

SPREADER BARS: 2 $\frac{1}{2}$ " diameter heavy steel tubing rigidly bolted to top and bottom of pedestals.

MOTOR MOUNT: Cast semi-steel, sturdily built to carry heavy duty motors—Quickly and easily adjustable for proper tension of vee belt drive. Machined and balanced drive pulley included.

POWER: Suggested motor sizes—1, 1 $\frac{1}{2}$, 2 or 3 HP 1725 RPM single phase or three phase. All motors are furnished with proper switches, vee belt drive and motor pulley.

WEIGHTS: Less power—approximately 500 pounds. With 1, 1 $\frac{1}{2}$, 2 and 3 HP motors—approximately 590 pounds. Add for domestic crating—approximately 75 pounds.

"BUILD IT YOURSELF" FEATURE: If you desire to make an additional saving, you may build a wooden frame for your sander. We will supply you with all the necessary metal parts, together with complete plans and specifications for the job.

ASK FOR A FREE ON-THE-JOB DEMONSTRATION

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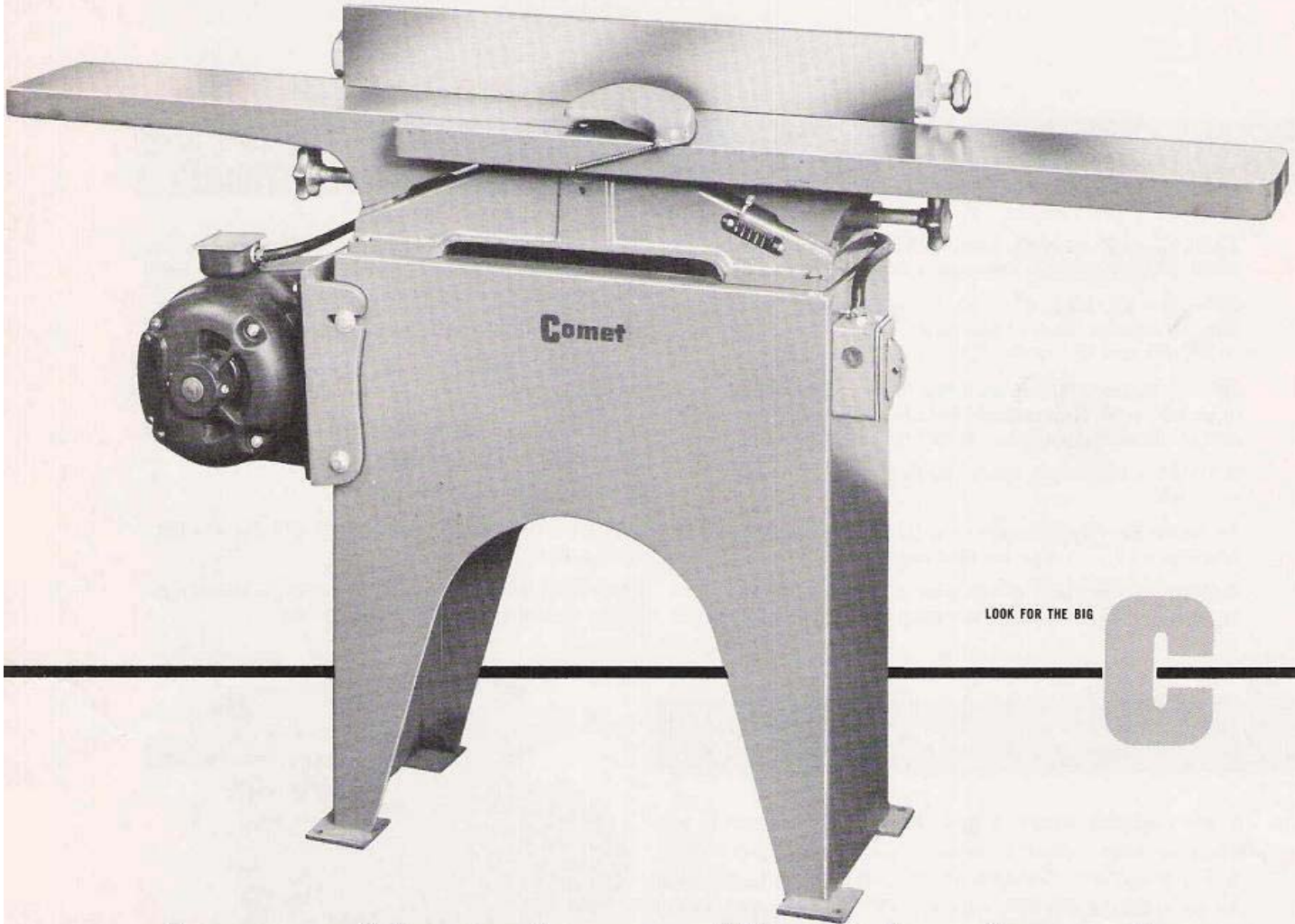
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Comet[®]

6" JOINTER

DAVIS & WELLS MODEL 6-62
WITH 62" BED

BUILT BY MASTER CRAFTSMEN FOR MASTER CRAFTSMEN



LOOK FOR THE BIG

C

planes wide surfaces without leaving a lap

This new improved Davis & Wells 6" Jointer has a 62" bed of cast semi-steel with tables surface ground in pairs to assure perfect alignment.

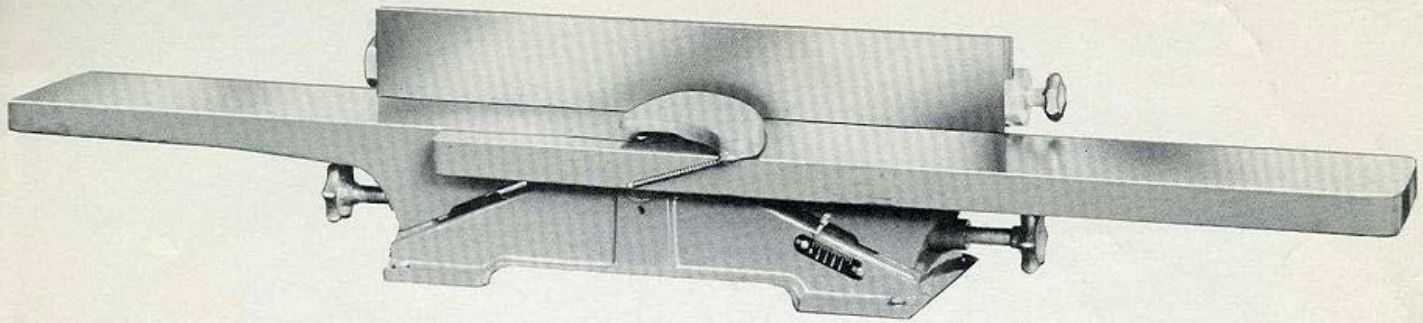
Table adjustment is much faster and movement is accomplished with less effort. Just a few turns of the adjusting knob will drop the table from a finish cut to a full 1/2" rabbet cut.

The fence will tilt to a full 45 degree angle, forward or back, and is locked in place with one convenient hand knob.

When the fence is moved forward for a narrow rabbet, the wide fence support completely covers the unused portion of the jointer head. The safety guard is readily removable for rabbeting or planing wide boards.

The solid steel balanced head mounted in dust sealed ball bearings permits high head speeds.

These and other outstanding features are described in the specifications on the reverse side of this sheet.



SPECIFICATIONS—DAVIS & WELLS 6" JOINTER MODEL 6-62

TABLES—62" over all. Each table 8½" wide. Both tables adjustable. Cast semi-steel surface ground.

FENCE—30" long, 4" wide. Surface ground face. Tilts 45 degrees forward and back with fixed stop at 90 degrees and 45° for bevel.

HEAD—Round 3" diameter, 3-knife safety head milled from solid steel. Knives easily installed, adjusted or removed. Head and knife bar milled for chip clearance.

KNIVES—Three high speed knives 6" long, 1" wide, ⅛" thick.

BEARINGS—Precision ground ball bearings, in sealed housings with provision for lubrication.

RABBET—Front table has long extension for supporting work when rabbeting; ½" deep rabbet capacity.

GUARD—Safety guard with automatic spring tension. Instantly removable for rabbeting. Back of head covered at all times by fence casting.

DRIVE—Vee belt drive at any desired speed.

CAPACITY—Cuts ½" deep, and planes surfaces 12 or more inches wide.

POWER—Suggested motor sizes—½, ¾ and 1 HP single phase or three phase.

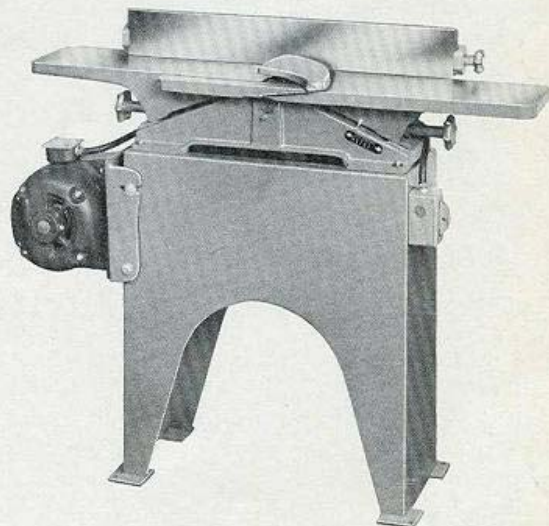
STAND—Heavy pressed steel.

WEIGHT—Belt drive, less motor—174 lbs. On floor stand, add 122 lbs.

SHIPPING WEIGHT—Add for crating—Bench type, 30 lbs. Complete on floor stand, 60 lbs.

MODEL 6-45 D&W 6" JOINTER

If the available space in your shop is limited, or if you desire to make a smaller initial investment for your jointer, the Davis and Wells Model 6-45 is tailored to your needs. With the exception of the bed, which is 45" in length, the Model 6-45 incorporates the same high quality features and precision cutting ability of the Model 6-62. This popular jointer, the standard of quality in the woodworking industry for many years, has been designed by Davis and Wells to give you a long life of trouble free production jointing at low cost.



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