



Whitney

WOODWORKING MACHINERY

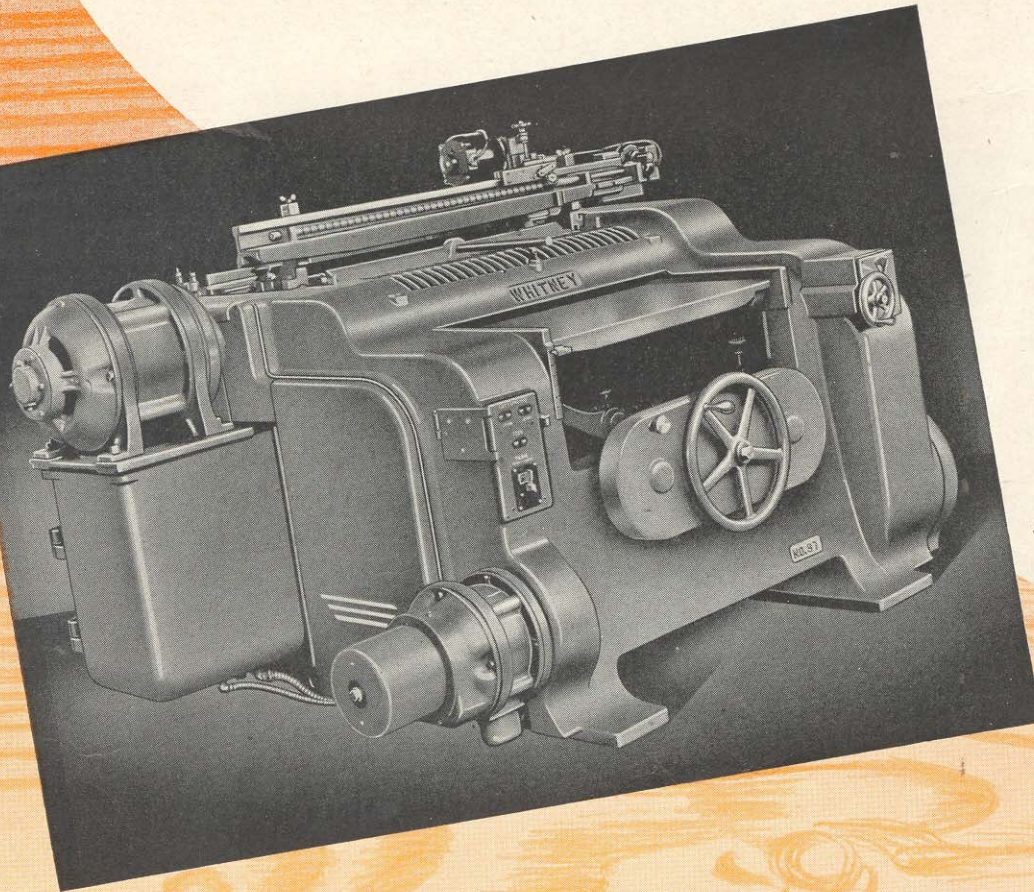


for

- PERFORMANCE
- LOW COST OPERATION
- HIGH PRODUCTION
- LONG LIFE

BAXTER D. WHITNEY & SON, Inc.
WINCHENDON, MASSACHUSETTS, U.S.A.

WHITNEY SINGLE &



NO. 97 DOUBLE SURFACE PLANER

The Whitney No. 97 Cabinet Surfer is built to give increased production on fine work, and safe operation, embodying such features as ball and roller bearings thruout; micro-feed selector for any feed desired; motor raising and lowering of bed; self-reversing power-feed Knife Grinder; fingertip controls and safety devices.

Feeds: 30 to 90 f.p.m. for 30" and 36" machines, slightly less for wider machines. Planes stock up to 7" thick.

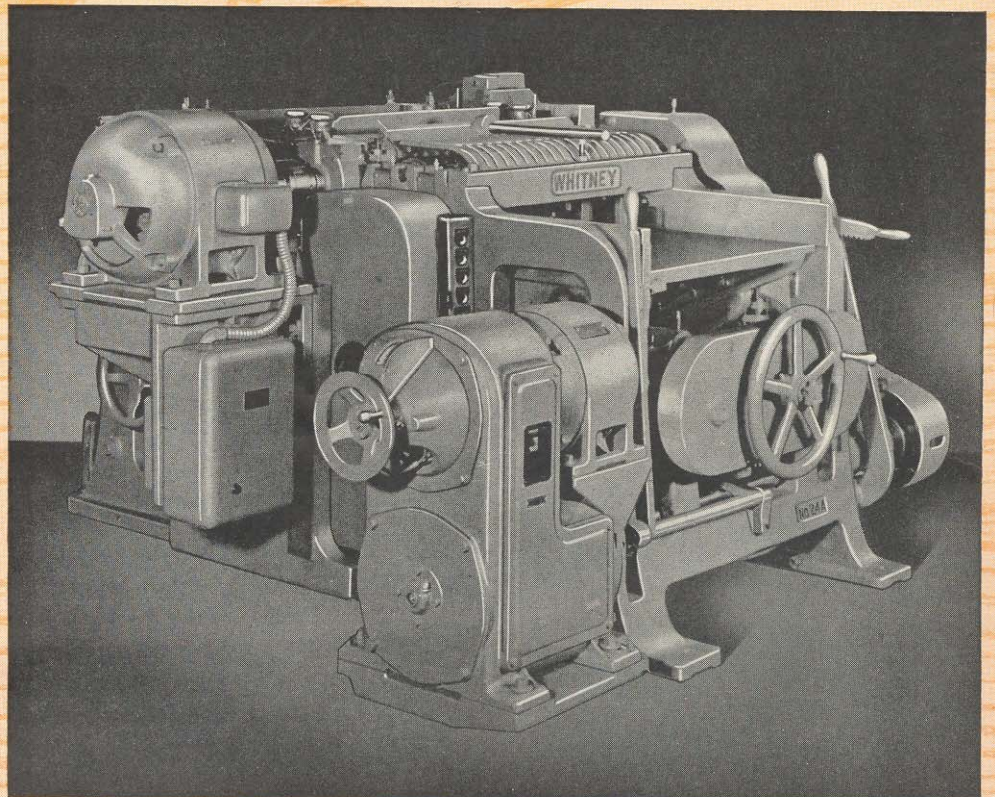
SIZES: 30", 36", 40" and 44" widths.

NO. 24A DOUBLE SURFACE PLANER

The Whitney No. 24A Cabinet Surfer is the result of long experience in building fine planers for production work with characteristic Whitney construction. Features include ball and roller bearings thruout. Power raising of planer bed. Variable feed unit with single speed motor, or belted feed. 8 gear-driven feed rolls. Push button control.

Feeds: 20 to 80 f.p.m. for 24", 30" and 36" machines, slightly less for wider machines. Planes stock up to 7" thick.

SIZES: 30", 36", 40" and 44" widths

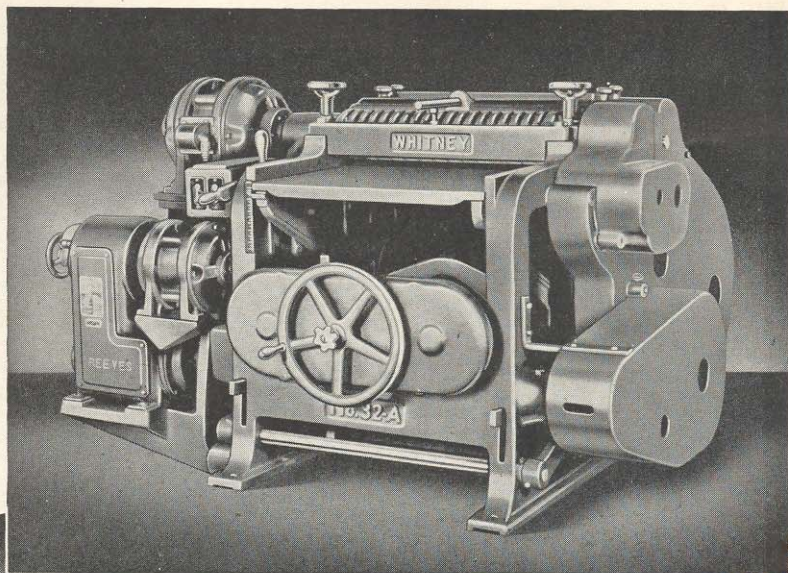


DOUBLE PLANERS

NO. 32A SINGLE SURFACE PLANER

The Whitney No. 32A Single Surfacer is built in 24" and 30" widths of the same sturdy construction and fine workmanship that has maintained Whitney leadership in accurate planing and enduring performance for many years. Ball and roller bearings thruout; gear-driven rolls, push button control. Variable feed unit with single speed feed motor, or belt driven feed. Sectional or solid in-feed roll. Sectional or flexible chipbreaker.

Feeds: 20 to 80 f.p.m. Planes stock up to $7\frac{3}{4}$ " thick.

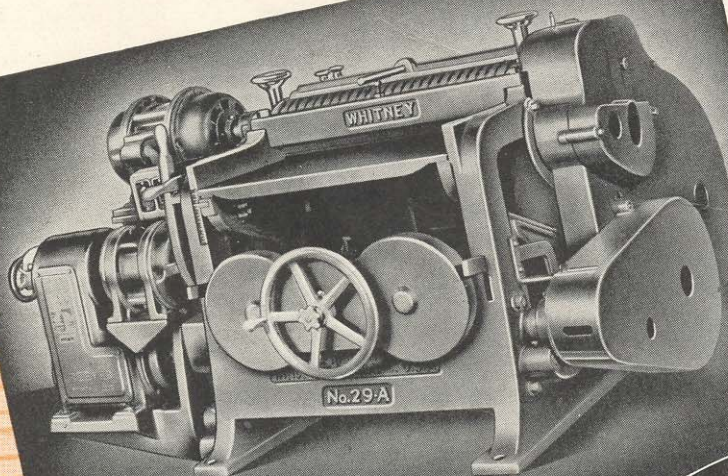


NO. 29A SINGLE SURFACE PLANER

The Whitney No. 29A Single Surfacer is similar in construction to the No. 32A but built in wider widths. Its frame and cross members are strengthened to assure accurate, smooth surfacing on wider stock.

Feeds: 20 to 80 f.p.m. for 36" machines, 16 to 64 f.p.m. for 40" and 44" machines.

SIZES: 36", 40", and 44" widths.

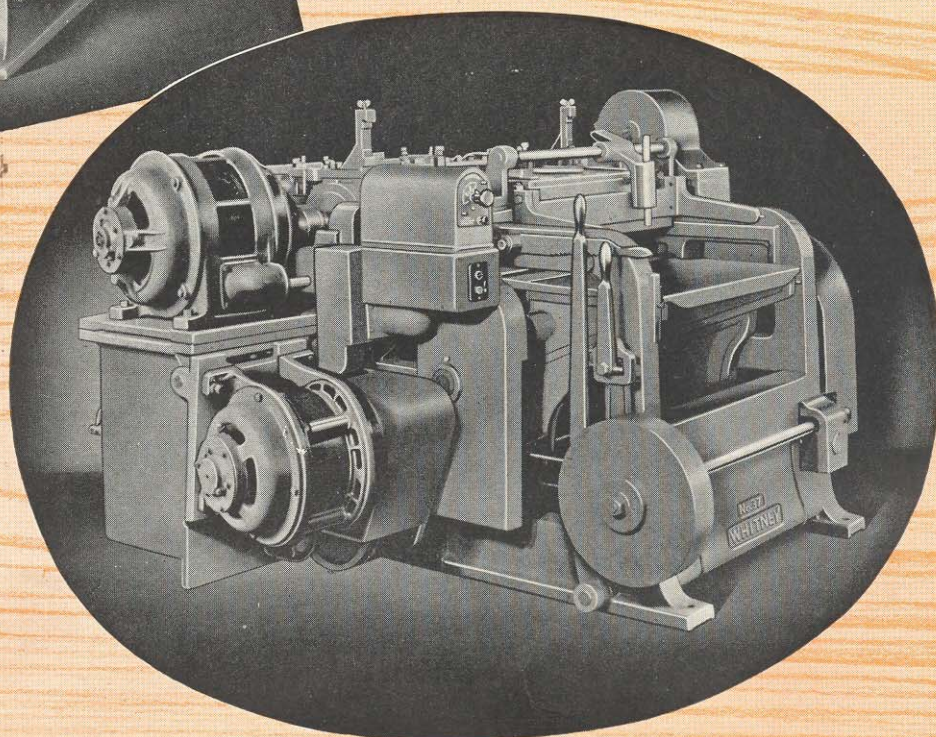


NO. 37 HEAVY DUTY SINGLE PLANER

The Whitney No. 37 Single Planer, and the No. 33 Double Planer (not illustrated) are of heavier frame construction and more ruggedly built, for mass production and day-in, day-out non-stop performance. Motor Feed. Power raising and lowering of bed. 6 Gear-driven Feed Rolls. 7" dia. sectional infeed roll. Cutterhead with 6" dia. cutting circle.

Feeds: 33 to 100 f.p.m., higher or lower if desired. Planes stock up to 7" thick, up to full width.

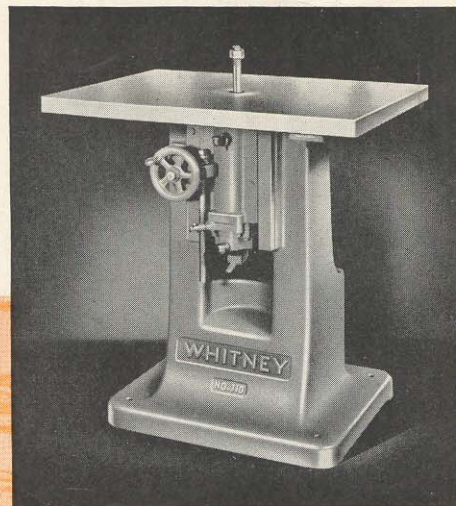
SIZES: 32", 40", 44" and 50" widths.



WHITNEY MOTOR DRIVE BELTED SHAPERS

NO. 91 DOUBLE SPINDLE SHAPER

Whitney Motor Driven Shapers with motors mounted on the base of the shaper and belted direct to the ball bearing spindles provide high spindle speeds without the necessity of a frequency changer. Built in single and double spindle models, heavy duty, medium and smaller sizes for a wide range of work. The NO. 91 SHAPER has 66" x 42" table, 30" between spindle centers.



NO. 110 SINGLE SPINDLE SHAPER

The light series Whitney Shapers with Motor Drive Belted Spindles in single and double spindle models is the popular line for cutlery handles, brush backs, etc. Because of their rugged design for their size, they are often used on heavier work.

THE NO. 110: Table size, 36" x 26". Spindle Top, $\frac{5}{8}$ ", $\frac{3}{4}$ " or $\frac{7}{8}$ " dia. by 5" long.

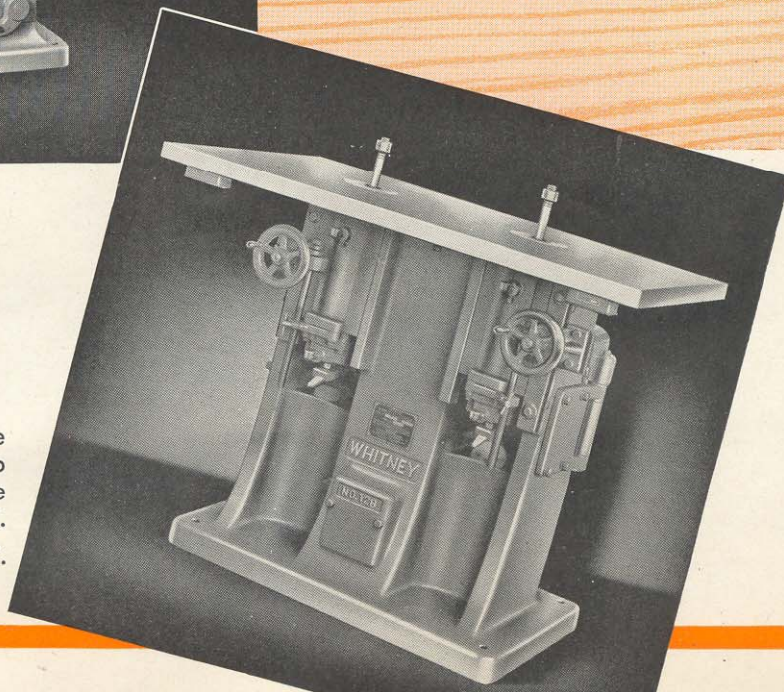
NO. 89 SINGLE SPINDLE SHAPER

The No. 89 Single Spindle Shaper with 56" x 40" table is designed for handling large, irregular work where only single spindle performance is required.

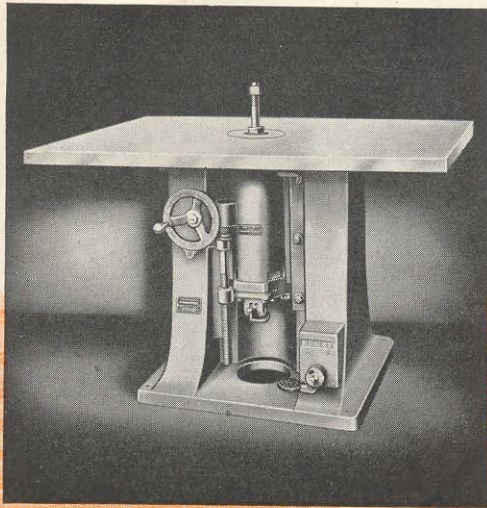
NO. 128 DOUBLE SPINDLE SHAPER

The Whitney light series No. 128 is a versatile double spindle shaper of many uses, for taking light to medium cuts. Convenient push button control. Table size, 48" x 31". Distance between spindle centers, 18".

THE NO. 118: Double Spindle, Table size, 36" x 26". Distance between spindle centers, 12".



WHITNEY DIRECT MOTOR DRIVE ELECTRIC SHAPERS



NO. 182 SINGLE SPINDLE SHAPER

The Whitney Direct Motor Driven Shapers are designed with motors mounted directly on the spindles. A frequency changer is required to obtain the high spindle speeds desired. No belts to contend with. These Shapers are built in the 100, 200 and 300 Series depending on size of motors required for light to the heaviest of shaping work.

THE NO. 182: Table size, 56" x 40".

NO. 386 DOUBLE SPINDLE SHAPER

This model demonstrates the wide range of Whitney Shapers for every requirement. One of the 300 Series, it has 18 H. P. motors and table, 84" x 41", for large work and extra heavy duty shaping. Distance between spindle centers, 30". Overhead Steady Bearings.

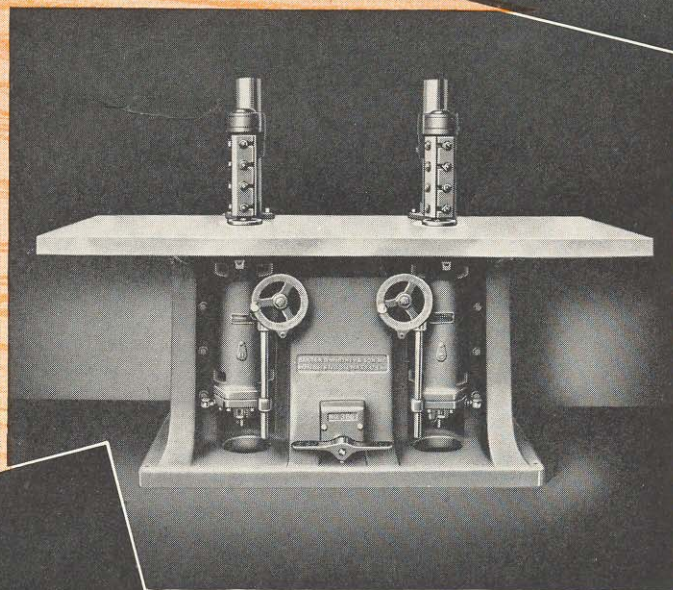
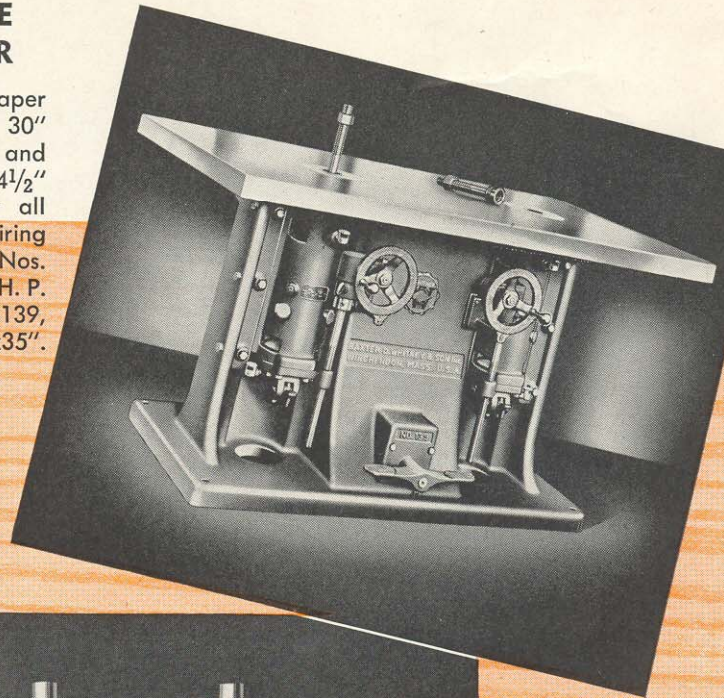


NO. 250 DOUBLE SPINDLE SHAPER

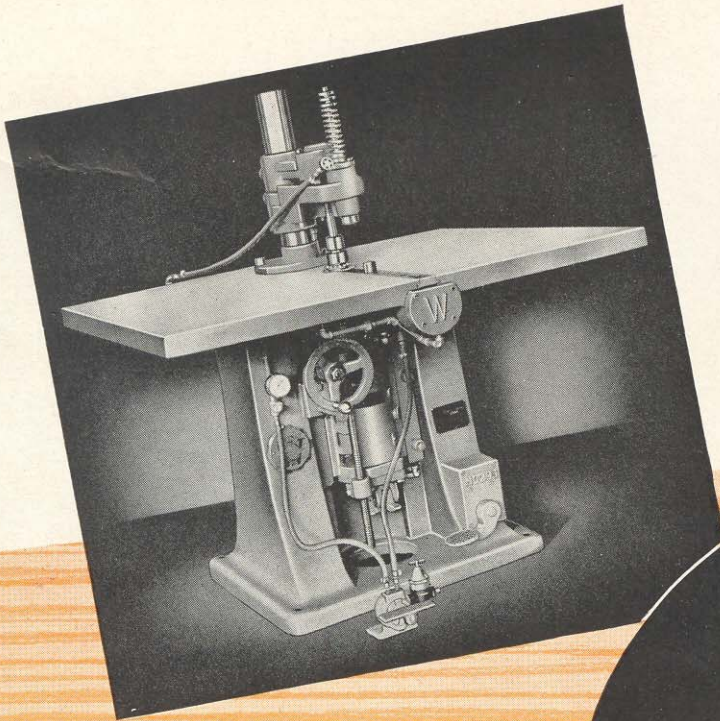
THE WHITNEY NO. 250 has 72" x 42" table and Overhead Steady Bearings. The No. 251 has 7½ H. P. motors and table, 84" x 39". Distance between spindles, 30". The No. 351 Similar to the No. 251 has 12½ H. P. motors. Whitney Slip-on Cutterheads or Screw-on Heads can be furnished.

NO. 139 DOUBLE SPINDLE SHAPER

The Whitney No. 139 Shaper with 4 H. P. motors and 30" between spindle centers and the No. 134 with spindles 24½" on centers are used for all around work not requiring overhead steady bearings. Nos. 239 and 234 have 7½ H. P. motors. Table of the No. 139, 66" x 42", the No. 134, 48" x 35".



WHITNEY *Automatic* POWER-FEED SHAPERS

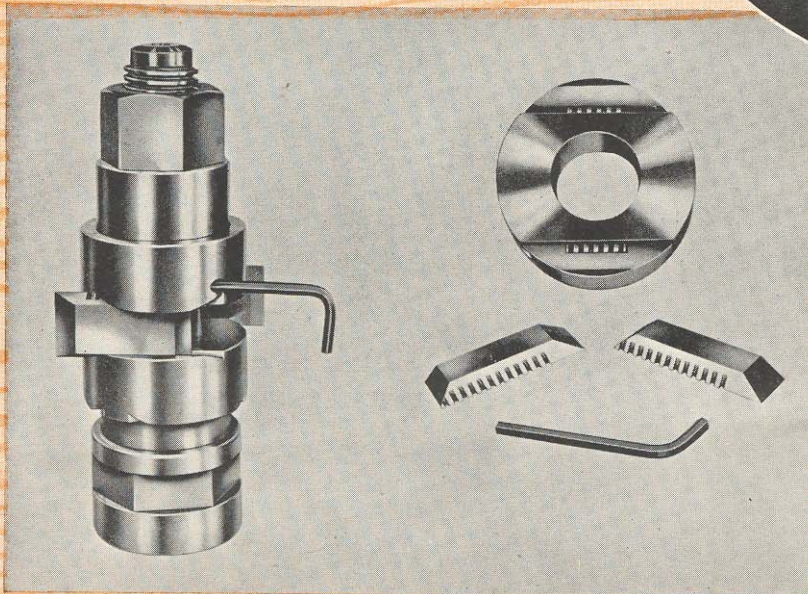
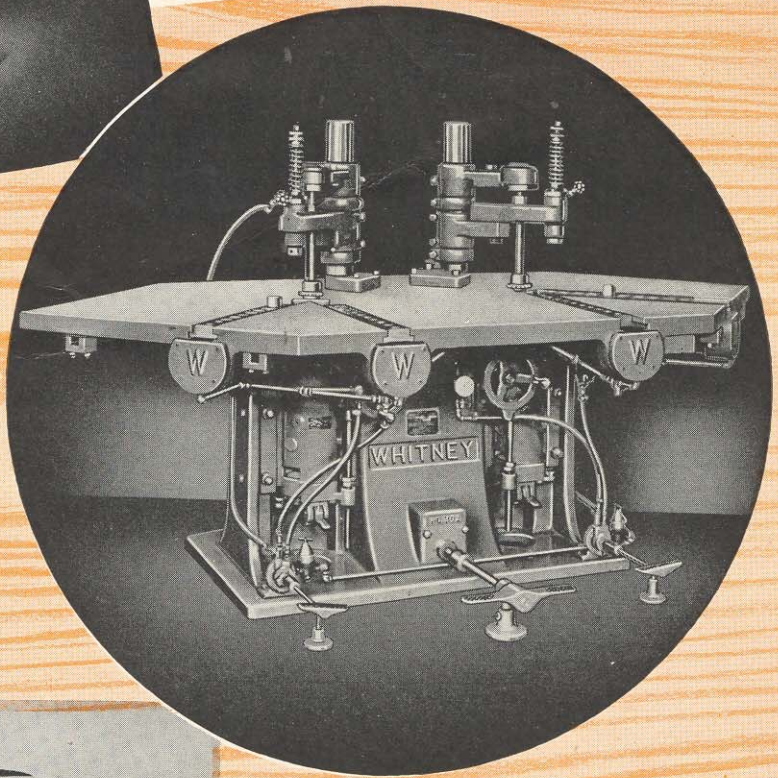


NO. 293 SINGLE SPINDLE AUTOMATIC SHAPER

The WHITNEY NO. 293 is a Single Spindle Automatic Shaper particularly adapted for cutlery handles, brush handles, chair legs or any part which is shaped on a turn-table form. The operator loads and unloads the work at one station while another station is engaged in the cut thus insuring practically continuous cutting. An extension table may be furnished. This machine can be furnished for belted, motor drive.

NO. 295 DOUBLE SPINDLE AUTOMATIC SHAPER

The WHITNEY NO. 295 Automatic Shaper is equipped with two spindles and a large table providing ample room for large work on each spindle without interference. One operator may operate both spindles or the machine may be used with two operators as two single spindle machines. This machine will handle the largest of table tops, dresser tops, ironing boards and similar work. The same size machine can be furnished for belted, motor drive. (Illustrated)



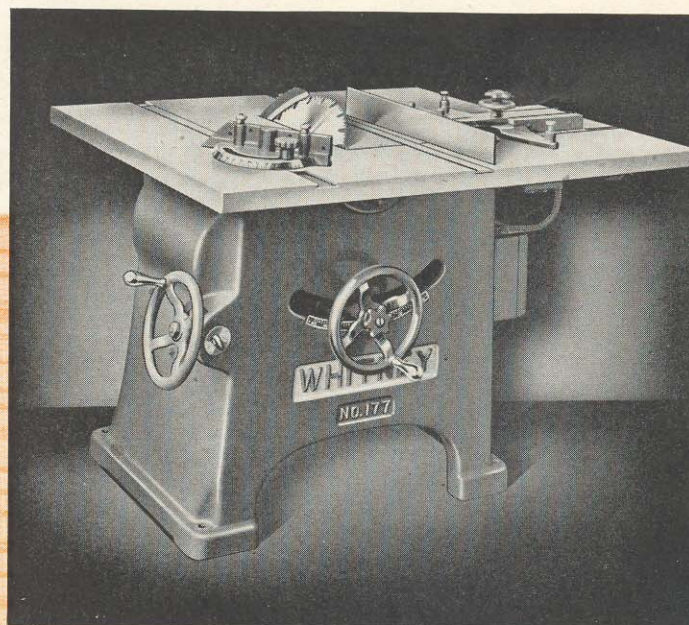
WHITNEY SAFETY COLLARS

Whitney Safety Shaper Collars are standard on all Automatic Shapers and may be furnished at slight additional cost with any Whitney Shaper. They are adaptable to all regular sizes of shaper spindles. Safety Collars prevent knives from flying out of collars. They also provide an accurate micrometer adjustment of the knives. Many concerns have installed them thruout their shaper departments.

Other **WHITNEY** Machines for high production at low cost

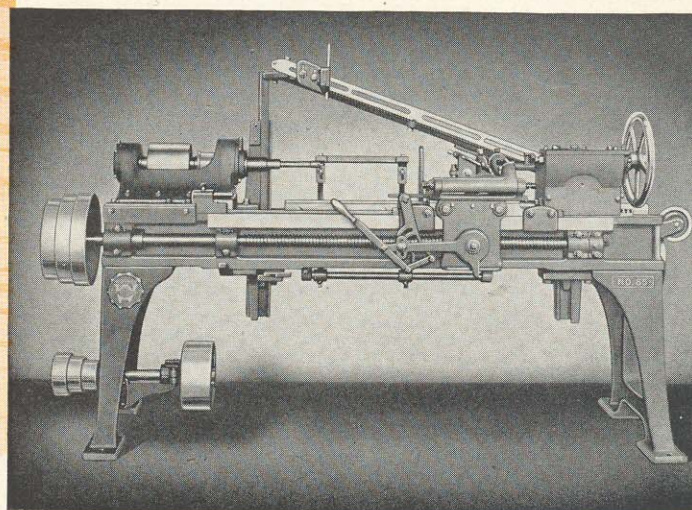
WHITNEY NO. 177 VARIETY SAW BENCH

The Whitney No. 177 Variety Saw Bench is an improved tilting arbor saw bench with totally enclosed fan-cooled motor mounted directly on the saw arbor. Its sturdy construction and built-in accuracy make it the ideal variety saw for mill, cabinet or furniture plant for production work.



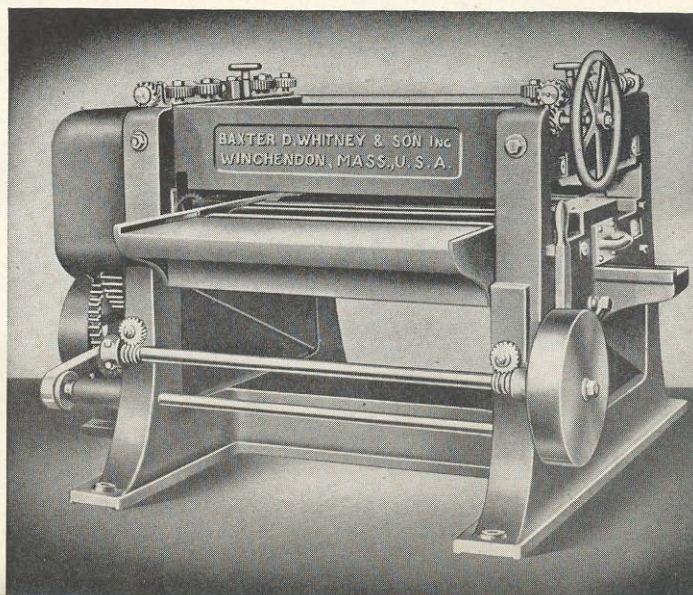
WHITNEY BACK KNIFE GAUGE LATHES

Whitney Back Knife Lathes are the unrivalled production tools for accurate, smooth, clean cut turnings. The No. 85 is equipped with ball bearing head spindle for belt drive while the No. 86 is designed with direct motor drive, ball bearing head-stock. Made in 30" and 50" sizes. Turn stock up to 3" round.



WHITNEY WOOD SCRAPING MACHINES

Whitney Wood Scraping Machines produce on a production scale the smooth finishes on solid or veneer stock that craftsmen used to accomplish by tedious hand-scraping. The Scraping Machine removes a continuous shaving leaving a true surface free from scratches or knife marks. Whitney Wood Scraping Machines are built in 15", 30", 42", 50" and 64" widths.



SPECIFICATIONS WHITNEY PLANERS

Model	Size	Planes up to	Feeds f. p. m.	Motor H. P. Recommended	
				Upper	Lower
No. 97 Double Planer	30"	7" x 30"	30-90	20	10
	36"	7" x 36"	30-90	25	15
	40"	7" x 40"	25-75	25	15
	44"	7" x 44"	25-75	30	20
No. 24A Double Planer	24"	7" x 24"	20-80	15	10
	30"	7" x 30"	20-80	20	10
	36"	7" x 36"	20-80	25	15
	40"	7" x 40"	16-64	25	15
	44"	7" x 44"	16-64	30	15
No. 32A Single Planer	24"	7 ³ / ₄ " x 24"	20-80	15	—
	30"	7 ³ / ₄ " x 30"	20-80	20	—
No. 29A Single Planer	36"	7" x 36"	20-80	25	—
	40"	7" x 40"	16-64	25	—
	44"	7" x 44"	16-64	30	—
No. 37 Heavy Duty Single Planer	32"	7" x 32"	41-125	25	—
	40"	7" x 40"	33-100	30	—
	44"	7" x 44"	27-80	40	—
	50"	7" x 50"	27-80	40	—

With exception of No. 37 Planer, feeds given are with variable feed unit. Belted feed models are slightly different. Special size motors furnished to order.

MOTOR DRIVE, BELTED SHAPERS

Single Spindle Shapers furnished with table, 56" x 40" or 36" x 26".

Double Spindle Shapers furnished with table, 66" x 42", 48" x 35", 48" x 31" or 36" x 26". Spindles on centers, 30", 24¹/₂", 18" and 12". Motors, 5 H. P. for heavy series, 2 H. P. for light series.

Spindle Speeds, 7200 R.P.M. for heavy series, 10,500 R.P.M. for light series. With special motor equipment, spindle speeds 8400 or 9000 R.P.M. for heavy series and 12,000 or 15,000 R.P.M. for light series can be obtained.

DIRECT MOTOR DRIVE SHAPERS

Single Spindle Shapers furnished with table, 56" x 40".

Double Spindle Shapers furnished with table, 36" x 26", 48" x 31", 48" x 35", 66" x 42", 72" x 42", 84" x 39" or 84" x 41". Spindles on centers, 12", 18", 24¹/₂" and 30".

Motors, 2 H. P., 4 H. P., 7¹/₂ H. P. or 12¹/₂ H. P. as desired.

Spindle Speeds, 7200 R.P.M. or 10,200 R.P.M.

Overhead Steady Bearings are standard equipment on the larger machines.

Slip-on or Screw-on Cutterheads can be furnished.

For full particulars on Whitney Machines interested in, write for catalogs.

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