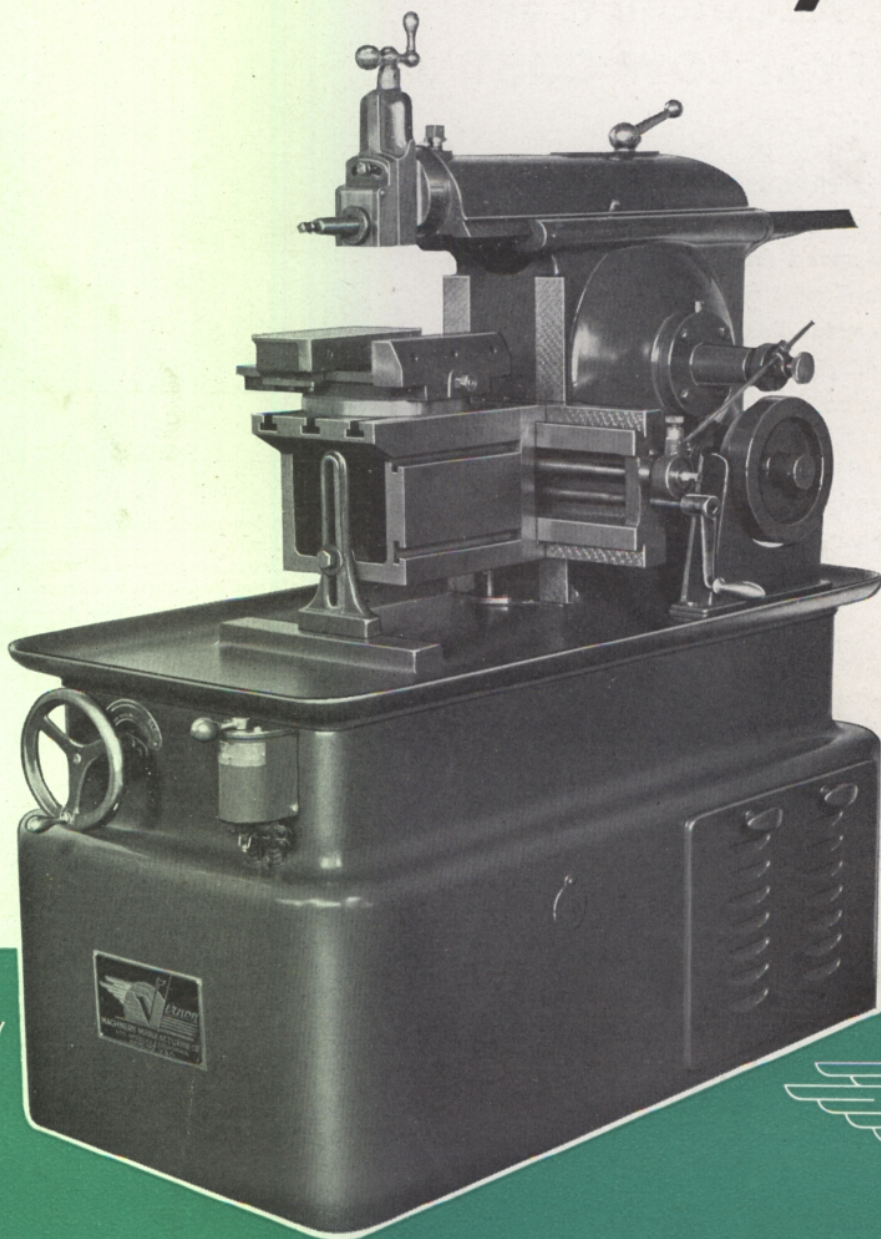


Vernon 11" Shaper



MACHINERY MANUFACTURING CO.

1915 E. 51ST STREET • VERNON • LOS ANGELES, CALIFORNIA

Vernon

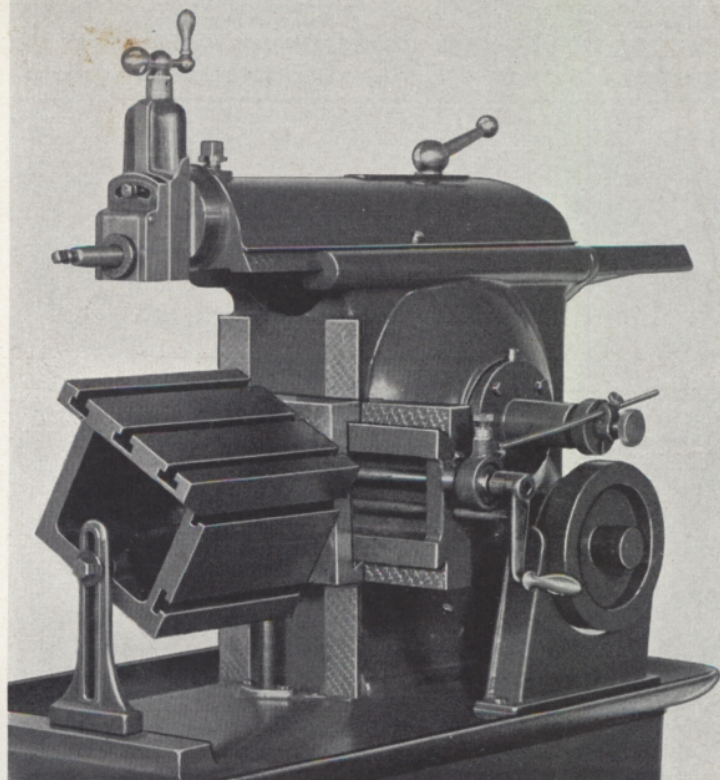
11" PRECISION SHAPER

For **SPEED, ACCURACY, and VERSATILITY** at **LOW COST**

THE VERNON 11" SHAPER is a modern precision machine tool. Hand scraped ways, helical gear and pinion, and variable speed drive are quality features which tell only a small part of its great performance story. Its remarkable value lies in its ability to do any work within its capacity as well, and yet much faster, than larger machines costing many times more.

Modern shaper design and construction are apparent throughout — promoting rugged rigidity, precision, power, versatility, ease of operation, wide range of speeds, safety, dependability and long, efficient life.

1. Hand-scraped Ways for minute accuracy and bearing.
2. Helical Gear and Pinion for maximum smoothness and power.
3. Variable Speed Drive, providing infinite speeds within necessary range.
4. Modern Design and Precision, combined with Low Cost.
5. "Vee" type ram, assuring maximum precision.
6. Swivel Table, and 7" Swivel Vise with steel jaws are standard equipment.
7. Enclosed anti-friction thrust bearings.
8. Automatic Adjustable Cross Feed.
9. Front-end Support for absolute rigidity.



SPECIFICATIONS

RAM

Maximum length of stroke	11 1/4"
Length of ram	21"
Length of ram bearing in column	16 1/2"
Width of ram bearing in column	6"
Number of strokes per minute	50-150
Variable speed drive gives any desired strokes per minute within this range	
Ram return ratio	1.5:1

TABLE

Cross feed (automatic in either direction)	11"
Vertical travel	7 1/2"
Top dimensions	7" x 9 1/4"
Depth	7 1/4"

HEAD

Vertical travel	3 1/2"
Size of tool post slot	1 1/16" x 7/16"
Diameter of head	4"

WISE

Width of jaws	7"
Depth of jaws	1 1/2"
Jaws open	5"
Height over table	3 7/16"

MOTOR

3/4 HP, 1750 RPM, 60 cycle

FLOOR SPACE

24" x 46"

WEIGHT

800 lbs.

NOTE: Add 150 pounds to above weights for domestic shipping.
Add 250 pounds to above weights for boxing for export.

STANDARD EQUIPMENT

7" swivel vise, all necessary belts (Vee style "B" section), variable pitch motor pulley, countershaft with driver and driven pulleys, mounted on pedestal, completely arranged for motor drive less motor and electrical equipment.

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MACHINERY MANUFACTURING COMPANY

1915 EAST 51 ST., VERNON · LOS ANGELES, CALIFORNIA

Vernon Line of **HORIZONTAL MILLS, VERTICAL MILLS and JIG BORERS, SHAPERS and GRINDERS**