

The Atlas 7 INCH SHAPER

COMPLETE SPECIFICATIONS

Length of Ram Stroke.....	1/2" to 7"
Strokes per Minute.....	45-78-122-186
Cutting Speeds, Feet per Minute.....	3 1/2 to 116
Table Travel.....	9 3/8" horizontal, 5" vertical
Maximum Distance Table to Ram.....	5 1/2"
Minimum Distance Table to Ram.....	1/2"
Overall Dimensions.....	17" x 36" x 26" high

RAM	Length, less Tool Head.....	17"
	Bearing in Column, total length.....	24"
	Bearing in Column, total width.....	3 3/4"
	Position Range.....	4"

TOOL HEAD	Diameter.....	4"
	Length Feed.....	3"
	Tool Post.....	7/16" x 1/8" slot to take 3/8" tool bits or holder for 1/4" tool bits (page 7)
		Graduated 0 to 50° right and left—Collar graduated in .001ths — Swivel Clapper.

V-BELT DRIVE UNIT	Gear Ratio.....	5 1/3 to 1 — 1" Face
	Pinion Shaft and Countershaft Pulleys.....	4-step, V-type
	Switch Built in Column.....	15 ampere at 110 volts
		Switch is for single-phase current only — 3-phase current requires No. S7-300 switch (see page 7)

CROSS FEED	Reversible — Power and Hand.	
	Feeds Available, Both Directions.....	.005, .010, .015, .020, .025 inches per stroke
	Crank Slot Adjustment for Setting Feeds.	

CROSS RAIL	Table Bearing, total length.....	12"
	Table Bearing, total width.....	4 1/2"
	Bearing on Column, total length.....	12"
	Bearing on Column, total width.....	6"

TABLE	Travel.....	9 3/8" horizontal, 5" vertical
	Overall Dimensions.....	8 3/4" x 6" x 6" deep
	Finished Surface, length.....	7"
	3 T-Slots on Top.....	3/8" x 5/8" x 7"
	2 Clamping Slots on each side.....	13/32" x 5 1/2"

WISE	Jaw.....	4" x 7/8"; opens 4"
	Screw Diameter.....	1/2"
		Swivel Base Graduated 0 to 90° Right and Left.

No. 7B ATLAS SHAPER Complete with Safety Guards, less Motor. Shipping Weight, 345 lb. Net Weight, 270 lb. Code word ZEIBT

No. 7AB ATLAS SHAPER without Safety Guards, less Motor. Shipping Weight, 330 lb. Net Weight, 255 lb. Code word ZEIFY

FURNISHED with Atlas Shaper: Vise, Countershaft, Complete V-belt Drive, Crank Handle, Wrenches, Operating Instructions.

