

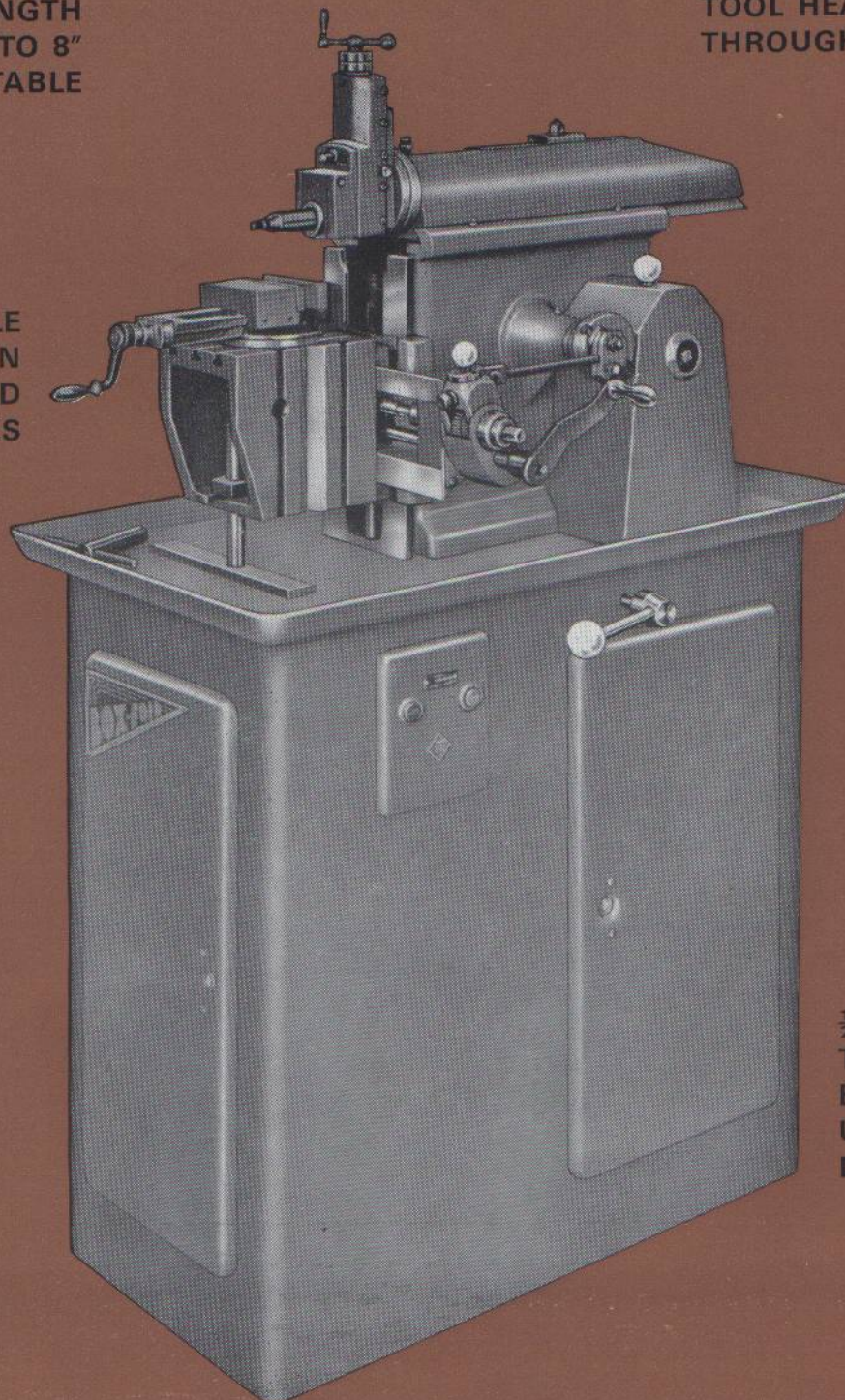
BOXFORD

8" High Speed Shaper

STROKE LENGTH
UP TO 8"
EASILY ADJUSTABLE

TOOL HEAD SWIVELS
THROUGH 90°

WORK TABLE
TEE SLOTTED ON
TOP AND
SIDE FACES



$\frac{1}{2}$ H.P. MOTOR
TOTALLY
ENCLOSED
UNDERNEATH
DRIVE

BOXFORD

8" High Speed Shaping Machine with Pedestal and Underneath Drive

Standard Specification

Ram stroke	0" to 8"
Ram strokes per minute	35, 60, 100, 160
Maximum cutting speed	107 ft. per min.
Tool slide, vertical travel	3½"
Tool slide swivel	360°
Maximum toolholder shank	$\frac{7}{16}$ " x $\frac{7}{8}$ "
Table length	7"
Table width	5¾"
Table height	7"
Table horizontal travel	9"
Table vertical travel	6"
Table distance from ram	$\frac{1}{2}$ " to 6½"
Power feed	.0025 to 0.0125 (5 rates of feed)
Table tee slots	$\frac{5}{16}$ " bolts
Motor	$\frac{1}{2}$ h.p. 3-phase
Overall height	56"
Overall width	25"
Overall length	38"
Shipping dimensions	46" x 27" x 56"
Gross shipping weight	812 lbs.
Net weight	616 lbs.

Extra Equipment

Toolholders J. & S. Type 1070 right or left hand and straight, size 127.
Swivel base vice capacity 4" x 4" for standard table.
Vertical power feed to carriage and table.
Low voltage lighting equipment.
Swivel table with adjustable table support in lieu of standard table.
Swivel base vice for use with swivel table.
Index centres and rotary indexing table can also be supplied.

The Boxford

8" High Speed Shaping Machine combines accuracy with simplicity in control and operation.

The Ram

carriage and table are all mounted in dovetail guides and are fitted with adjustable gibs. Power feed is provided for horizontal travel of the table in both directions. Selection of the four speeds provided is by belt adjustment.

A quick release lever is fitted on the operating side of the machine to relieve belt tension for speed changing. This also provides an emergency stop.

An inching handle is used for manual control of the ram and for manual horizontal and vertical feeds. The horizontal feed screw is fitted with a micrometer dial. The stroke of the ram is adjustable and a box type spanner is provided; this also is used for adjusting the table support, the swivel tool slide, carriage and tool holder.

The Tool Holder

is mounted on a swivel clapper box which in turn is mounted on a swivel tool slide moving over a scale on the front of the ram.

The Table

has an adjustable support and power feed is provided for horizontal travel of the table in both directions.

The Motor

and vee belt drive are fitted inside the cabinet base. The push button starter with no-volt and overload protection and an isolating switch are also incorporated as standard equipment.

The makers reserve the right to alter designs, specifications and prices without notice.

BOXFORD MACHINE TOOLS LIMITED

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Wheatley Halifax Yorkshire England Tel 0422 66262/3