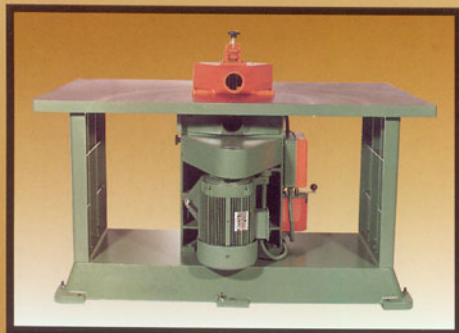
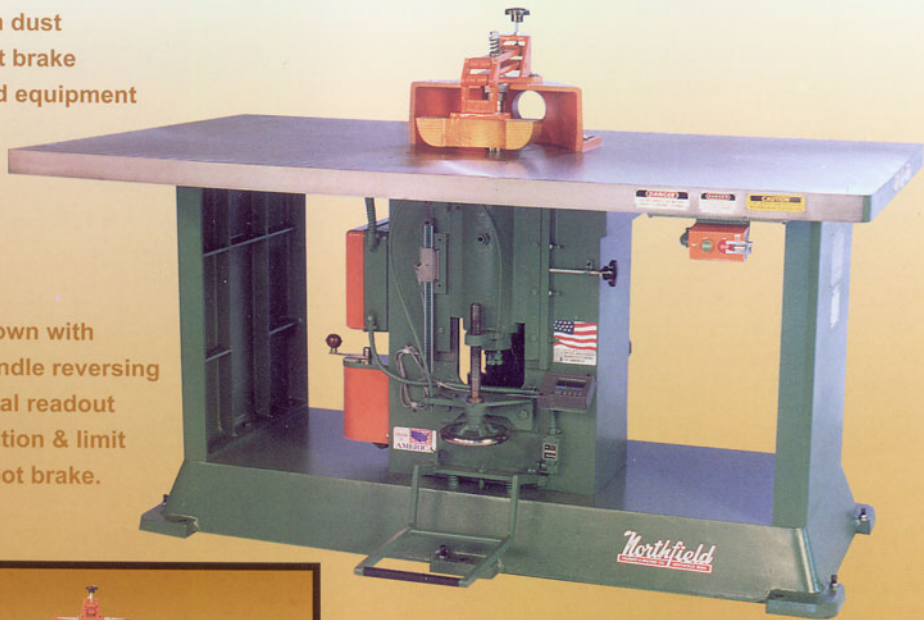


Northfield Heavy Duty Large Top SHAPER

with 44" x 72" table

Guard, alum dust spout & foot brake are standard equipment

Machine shown with optional spindle reversing switch, digital readout spindle position & limit switch on foot brake.



Rear view showing sub table dust outlet and guard mounting. Drive motor is mounted on hinged motor base. Gives accurate belt tension. Pulley and belt are guarded.

Optional:
Nested Throat Plates



Northfield Heavy Duty Shapers are constructed with rugged iron castings and balanced rotating components to assure vibration free performance. The 44" x 72" table provides room for mounting feeders and gives full support for large jigs and fixtures. Spindles are available to 1-1/2" dia. and up to 8" in length. TEFC motors to 15 hp can be provided. Under table dust outlet improves dust & chip extraction.



The spindle is machined from stressproof steel and is precision ground. The wide separation between the upper & lower sealed for life bearings provides extreme shaft rigidity when running large diameter cutterheads. The heavy yoke assembly with full length gibbed vee ways maintains deflection free bearing and spindle alignments.

Optional K-50 fence accommodates up to 8" diameter cutterheads and vents chips to rear. Each cast iron fence plate is independently adjustable without moving the box frame. Maple die-board fences are standard. Guard mounts to top of fence.



BASE: Heavy casting with flanged floor base gives firm setting. Yoke ways are carefully machined to assure full yoke bearing.

TABLE: Heavy duty, well ribbed casting allows attachment of table extensions, jigs and fixtures. Top surface is accurately ground — allows stock and forms to slide easily. Has fitted table ring at the spindle.

YOKE: Gibbed yoke, carefully machined and fitted into base assures absolute vertical spindle position through any adjustment. Precision ball bearings are sealed for life — need no lubrication.

SPINDLE: Rugged 1" diameter by 5" long spindle is accurately machined and ground for high speed production. Optional spindle sizes available.

DRIVE: 3, 5, 7-1/2, 10 or 15 hp rear-mounted motor swing on hinge to allow easy access. Has 2-1/2" endless belt drive with screw adjustment for close belt tensioning. Shaper is equipped with magnetic starter and 110 volt push-button controls.

SPECIFICATIONS

Diameter of Spindle (standard machine) 1"
 Vertical adjustment of Spindle 4-1/2"
 Length of Spindle at Collar 5"
 Size of Table: 44" by 72"
 Height of Table Top 37"
 Spindle Speed 8,000 RPM
 Spindle Rotation Counterclockwise
 Size of dust spouts 4"

Each 4" dust spout requires approx. 400 CFM air flow for dust collection
 Horsepower 3, 5, 7-1/2, 10, 15 TEFC
 Size of Throat Hole 4-1/2"
 Floor Space 72W x 48 deep
 Domestic Shipping Weight 2700 lbs.
 Export Shipping Weight 3100 lbs.
 Cubic measure export boxed 104 cu. ft.
 Voltages 208, 230/460, 575 3 ph 60 Hz

ACCESSORIES

K-50 fence with hold down springs
 Micrometer adjust for K-50 fence
 3/4, 7/8, 1-1/8, 1-1/4, 1-3/8, 1-1/2 solid spindles
 6-1/2" spindle length 1, 1-1/8, 1-1/4 solid spindle only
 8" spindle length 1-3/8 & 1-1/2 solid spindle
 Reversing solid spindle with reversing switch
 Detachable non-reversing spindle screw-on type 3/4,
 7/8, 1, 1-1/8, 1-1/4"
 Detachable reversing spindle taper type 3/4, 7/8, 1, 1-1/8"
 Detachable router top 1/2" hole

Collet spindle (3/4" max collet bore)
 6000 & 4000 RPM spindle speed
 NEMA 12 electrics with fused disconnect
 24-volt push-button
 Switch to disconnect power upon actuation of brake
 Clockwise spindle rotation
 Single phase 3, 5, 7-1/2 hp, 220-volt
 Throat hole and plates available: 8", 6 1/2" and nested
 Digital read-out spindle position
 Spindle crank on front of machine
 Modifications to customer's order

Northfield

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