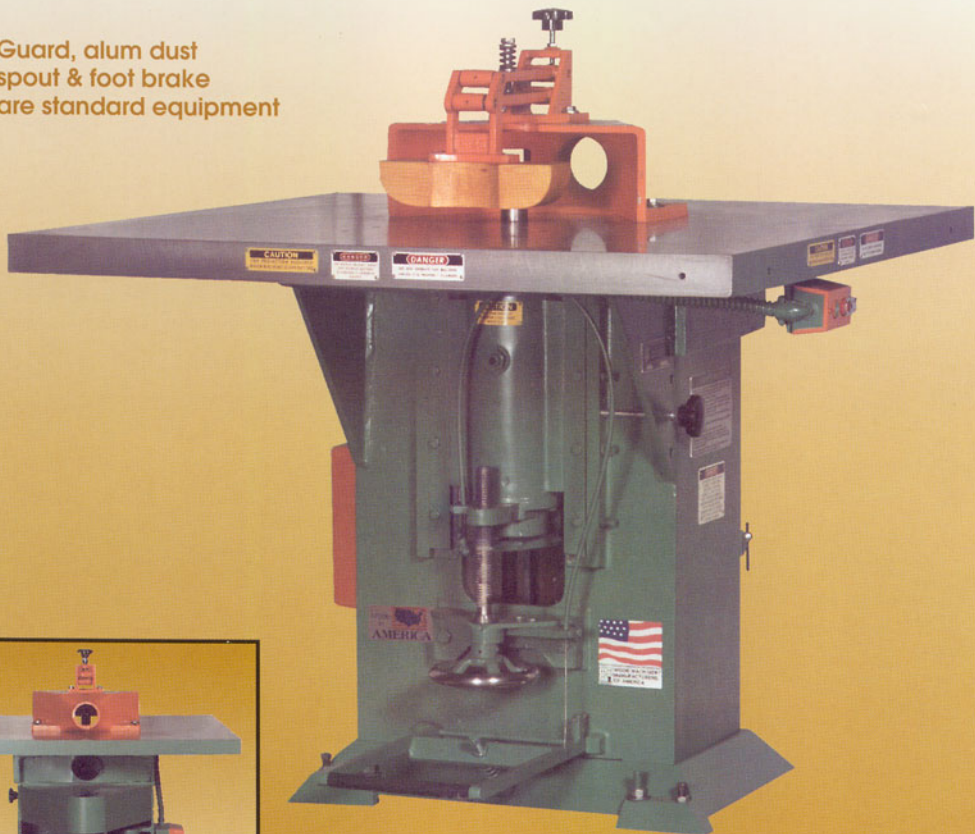


# Northfield

## Heavy Duty SHAPER

with 42" x 42" table

Guard, alum dust  
spout & foot brake  
are standard equipment



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.

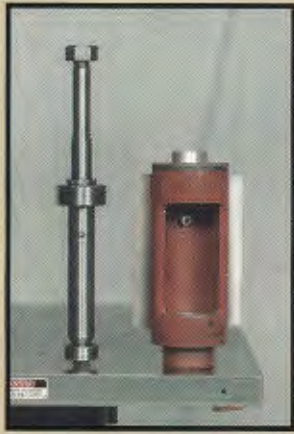
Northfield Heavy Duty Shapers are constructed with rugged iron castings and balanced rotating components to assure vibration free performance. The 42" x 42" table provides room for mounting feeders and gives full support for large jigs and fixtures. Spindles are available to 1-1/2" dia. and up to 8" in length. TEFC motors to 15 hp can be provided. Under table dust outlet improves dust & chip extraction.

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WOOD MACHINERY  
MANUFACTURERS  
OF AMERICA

MEMBER



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"	Each 4" dust spout requires approx. 400 CFM air flow for dust collection
Vertical adjustment of Spindle ..... 4-1/2"	Horsepower ..... 3, 5, 7-1/2, 10, 15 TEFC
Length of Spindle at Collar ..... 5"	Size of Throat Hole ..... 4-1/2"
Size of Table: ..... 42" by 42"	Floor Space ..... 42W x 45 deep
Height of Table Top ..... 34-1/2"	Domestic Shipping Weight ..... 1500 lbs.
Spindle Speed ..... 8,000 RPM	Export Shipping Weight ..... 1750 lbs.
Spindle Rotation ..... Counterclockwise	Cubic measure export boxed ..... 64 ft.
Size of dust spouts ..... 4"	Voltages ..... 208, 230/460, 575 3 ph 60 hz

## ACCESSORIES

K-50 fence with hold down springs	6000 & 4000 RPM spindle speed
Micrometer adjust for K-50 fence	NEMA 12 electrics with fused disconnect
3/4, 7/8, 1-1/8, 1-1/4, 1 3/8, 1-1/2 solid spindles	24-volt push-button
6-1/2" spindle length 1, 1-1/8, 1-1/4 solid spindle only	Hand brake in lieu of foot brake
8" spindle length 1-3/8 & 1-1/2 solid spindle	Switch to disconnect power upon actuation of brake
Reversing solid spindle with reversing switch	Clockwise spindle rotation
Detachable non-reversing spindle screw-on type 3/4, 7/8, 1, 1-1/8, 1-1/4"	Miter gauge and dovetail slot
Detachable reversing spindle taper type 3/4, 7/8, 1, 1-1/8"	Single phase 3, 5 hp, 220-volt
Detachable router top 1/2" hole	Throat hole and plates available: 8", 6 1/2" and nested
	Modifications to customer's order

# Northfield

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