

# Northfield

## UNDER TABLE CUT-OFF SAWS

### Models 208, 212 & 410

For cutting lumber,  
non-ferrous metals,  
plastics & composites



#### Model 208

*(Right Hand)*  
2" x 8" Capacity  
14" Blade *(not included)*

#### Model 212

*(Right Hand)*  
2" x 12" Capacity  
16" Blade *(not included)*

#### Model 410

*(Left Hand)*  
4" x 10" Capacity  
18" Blade *(not included)*

PROFIT THROUGH AMERICAN TECHNOLOGY



WOOD MACHINERY  
MANUFACTURERS  
OF AMERICA

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# Feature-Full *Northfield* UNDER TABLE CUT-OFF SAWS

Guard Open



Guard Closed



**Exclusive Thickness Compensating Upper Guard** is standard on all models. This allows for full width cutting in stock that is less than maximum thickness. The top mounted hand-wheel shortens the guard post allowing the blade to rise to its maximum height regardless of the workpiece height. This is not a guard stop as typically used on machines this size.



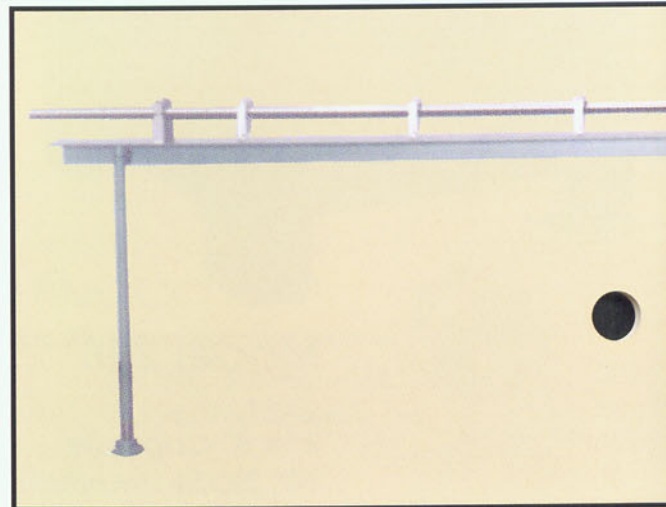
Side view showing arbor wrench for tightening the loose saw collar. A pin is provided for arbor lockup during blade changes.

**Models 208, 212 & 410** are semi-automatic compressed air actuated under table cutoff saws. The blade remains in the heavy sheet steel base until the guard has the workpiece clamped. The guard remains clamped through the cut cycle until the blade is back in the base. This protects the operator from flying debris and any kickback. These saws are suitable for cutting lumber, non-ferrous metals, plastics, and various composite materials through minor changes in blade speed and feed rate.

## 4-Step Cutting Cycle

1. Operator starts cycle via palm air switch, guard clamps stock to table top.
2. When stock is clamped, air cylinder raises blade to make cut.
3. At completion of cut, blade lowers to home position.
4. When blade is in home position, guard unclamps.

*Note: The cutting cycle can be interrupted at any time by removing a hand from a palm button.*



### No Loose Belts

Motor moves with saw arbor. The motor is mounted on the swing carriage with the saw arbor, eliminating alignment problems and loose belts at the end of cuts that plague machines where the motor is suspended off the bottom of the table top and does not move.

### TEFC Motors

Totally enclosed fan cooled motors, full-size NEMA rated magnetic starters, and 110 volt at push button is standard equipment.

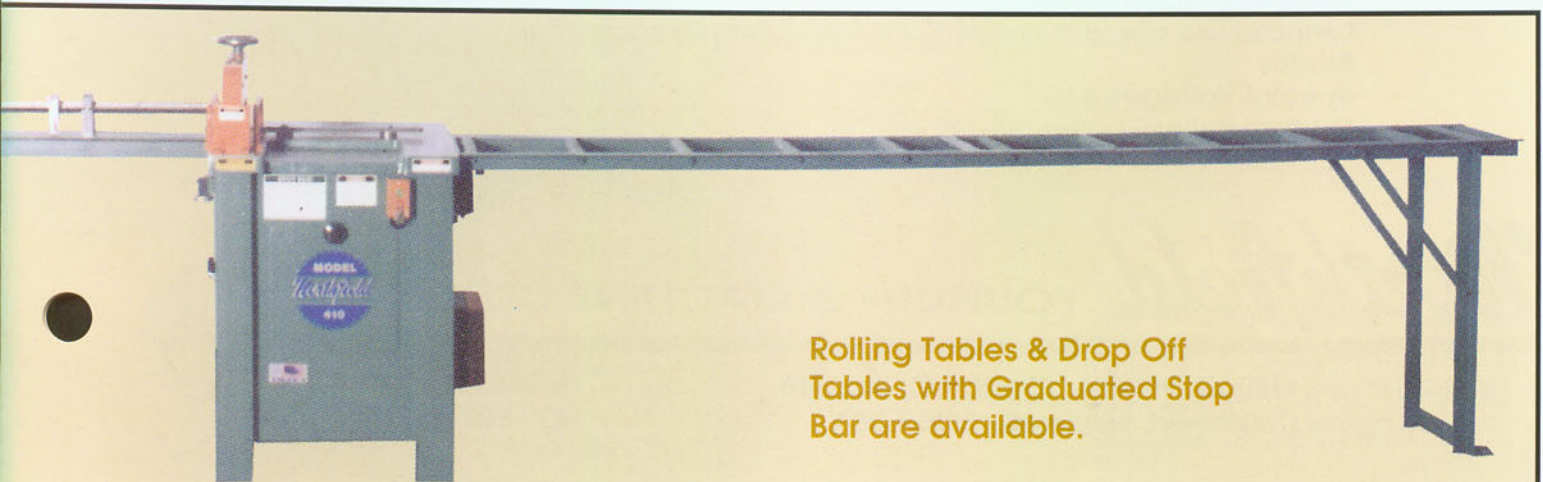
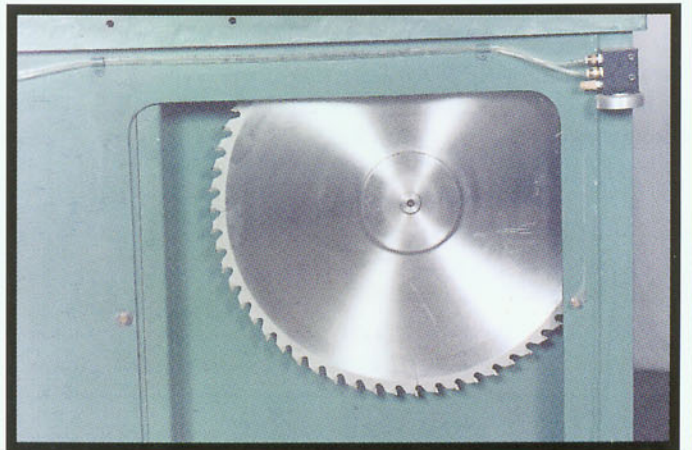
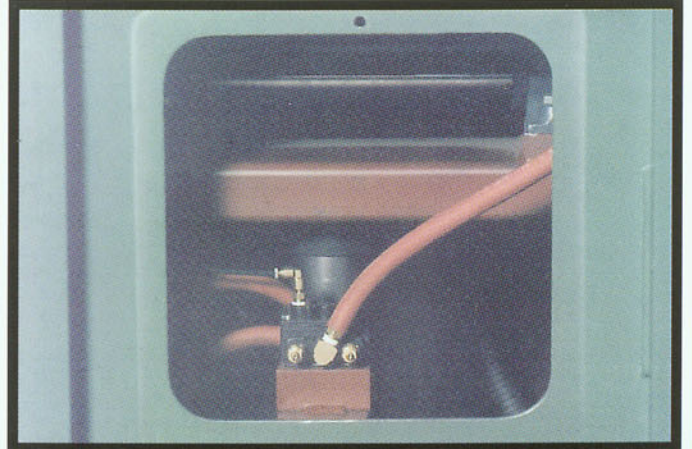
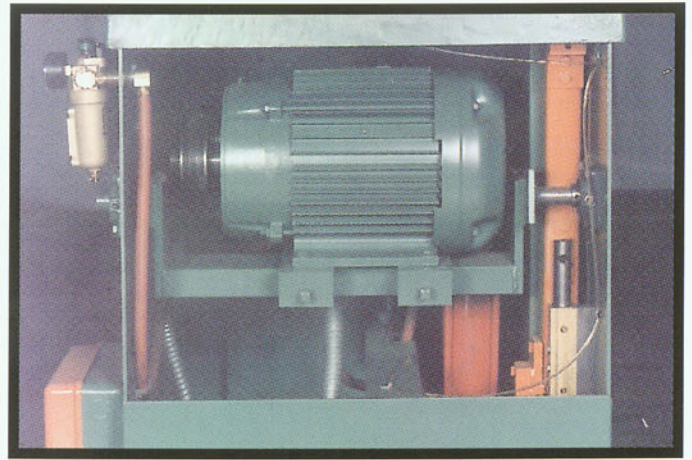
### Stressproof Steel Arbor

mounted in Timken type pillow block bearings to control end play and provide extreme shaft rigidity. Vee belt drive assures full power transmittal and years of maintenance free service.

### Double Palm Anti-Tie Down Available

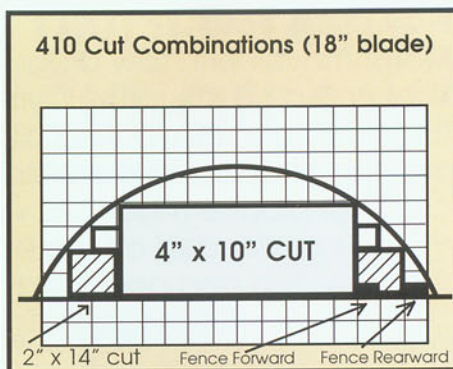
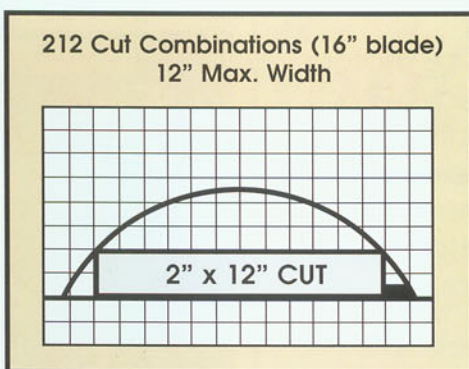
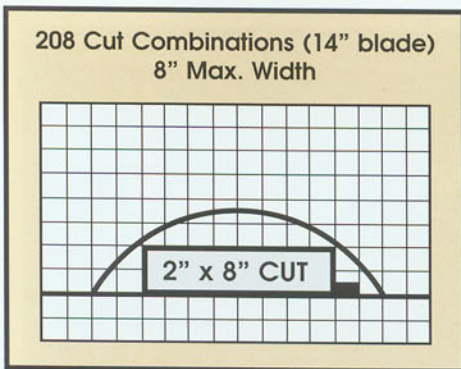
Double palm anti-tie down actuation. This means that both palm buttons must be actuated simultaneously for the clamping-cutting cycle to begin. Eliminates the possibility of an operator mechanically tying down one button and operating single handed. Both hands must be on the palm buttons.

**Plate Steel Base** & aluminum throat plate provide maximum blade containment.



Rolling Tables & Drop Off Tables with Graduated Stop Bar are available.

□ = 1 inch



## SPECIFICATIONS

	<b>Model 208</b>	<b>Model 212</b>	<b>Model 410</b>
Table Height .....	36"	36"	36"
Table Top .....	27.25" x 31.5"	27.25" x 31.5"	27.25" x 31.5"
Arbor Motor .....	5 hp 3600 RPM TEFC 230/460/60/3	7 1/2 hp 3600 RPM TEFC 230/460/60/3	10 hp 3600 RPM TEFC 230/460/60/3
Electrical	Magnetic Starter with 110 volt at push button in NEMA 1 enclosure	Magnetic Starter with 110 volt at push button in NEMA 1 enclosure	Magnetic Starter with 110 volt at push button in NEMA 1 enclosure
Air Equipment .....	3" x 6" stroke cylinder Filter, Regulator & Lubricator single palm switch-Air operated	3" x 6" stroke cylinder Filter, Regulator & Lubricator single palm switch-Air operated	3" x 6" stroke cylinder Filter, Regulator & Lubricator single palm switch-Air operated
Saw Arbor .....	1" Stress-proof steel with 4" saw collars 3600 RPM, Timken Bearings, Vee Belt Drive	1" Stress-proof steel with 4" saw collars 3600 RPM, Timken Bearings, Vee Belt Drive	1" Stress-proof steel with 4" saw collars 2900 RPM, Timken Bearings, Vee Belt Drive
Saw Blade .....	14" Diameter, 1" Bore	16" Diameter, 1" Bore	18" Diameter, 1" Bore
Cut Capacity .....	2" Thick x 8" Wide	2" Thick x 12" Wide	4" Thick x 10" Wide, fence forward 2" Thick x 14" Wide, fence rearward
Operating Speed .....	20-100 CPM-Adj. via flow controls	20-100 CPM-Adj. via flow controls	20-60 CPM-Adj. via flow controls
Sawdust Outlet .....	3" Diameter, rear exit 350 CFM	3" Diameter, rear exit 350 CFM	3" Diameter, rear exit 350 CFM
Shipping Weight .....	750 lbs. (950 lbs. export, 50 cu. ft.) 38" x 40" x 56"H	850 lbs. (1050 lbs. export, 50 cu. ft.) 38" x 40" x 56"H	900 lbs. (1100 lbs. export, 53 cu. ft.) 38" x 40" x 60"H

## EXTRAS

- Two palm control-anti tie down
- NEMA 12 Electrics with fusible disconnect
- Infeed roller table 10' long
- Outfeed graduated stop bar with four stops 8' long
- Additional stops
- Air over oil feed for non ferrous cutting
- Lennox lube coolant system for blade, pump type, two nozzles
- Blades
- Special Voltages & Hz
- Custom Roller Conveyors

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