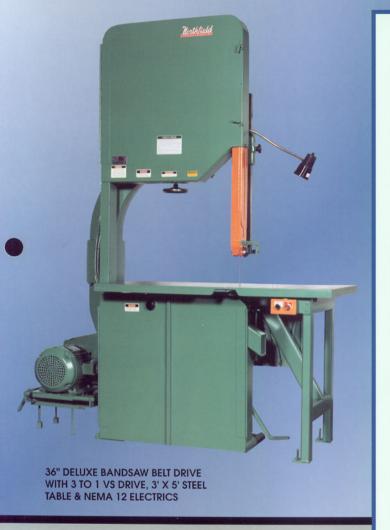
Northfield BANDSAW

FOR HIGH TOOL VELOCITY BANDSAWING



Advanced Bandsaws for Removal of Gates & Risers and Other Trimming Operations in Ferrous & Non-Ferrous Metals

ADVANCED DESIGN

NORTHFIELD Bandsaws undergo a constant process of testing and refinement to maintain the highest standards of precision, speed, dependability, appearance and value.

QUALITY MANUFACTURE

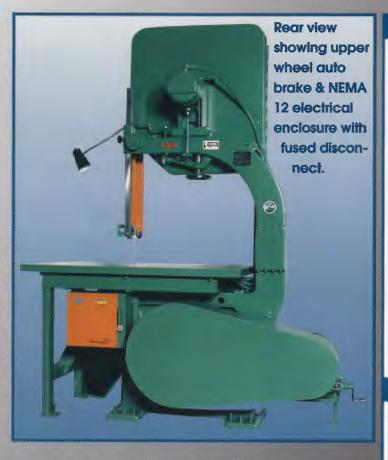
NORTHFIELD Bandsaws are built to exacting quality standards in every detail. They are solid, smooth-running machines. Each Bandsaw is electronically balanced for vibration-free performance.

HEAVY DUTY FRAME

High strength cast iron frames with wide, ribbed feet give a solid stance, and absorb vibration.

HIGH SPEED SAWING of non-ferrous and non-metallic materials 3.000 - 8.000 FPM.

FRICTION SAWING of ferrous materials less than 1" thick 10,000 - 15,000 FPM.



To calculate blade speed in FPM:

Multiply RPM x 9.424'
1200 RPM x 9.424 = 11,308 FPM
900 RPM x 9.424 = 8481 FPM
300 RPM x 9.424 = 2827 FPM

Specifications Standard ... Deluxe

| Wheel Face2" |
|---|
| Table Size - cast iron |
| Front Edge of Table |
| to Teeth of 3/8" Blade 12" |
| Cap Under Guide |
| Table Tilt to Right45° |
| Table Tilt to Left5° |
| Horizontal Cap |
| Table Height |
| Wheels |
| Demountable Tire |
| Brakes Lower Wheel Lower Wheel |
| Foot Operated Foot Operated & |
| Upper Wheel Automatic |
| Floor Space 50" x 60" 50" x 63" |
| Domestic Shipping Wt 2700 lbs 3000 lbs. |
| Export Shipping Wt |
| Cubic Export Crate Size 165 cu. ft 180 cu. ft. |
| Wheel Circumference 36" Dia. = 9,424 ft. |
| Dust Outlet |
| Machine requires approx. 600 CFM air flow for dust collection |
| |
| |

DRIVE PACKAGES - All motors TEFC

Belt Driven Single Speed

3, 5, 7-1/2, 10 & 15 HP – Minimum 300 RPM, Maximum 1500 RPM Speeds lower than 300 RPM contact factory

3:1 Variable Speed Drive Assembly

3, 5, 7-1/2, 10 & 15 HP available in the following ratios:

200 to 600 RPM 300 to 900 RPM

400 to 1200 RPM

500 to 1500 RPM

6:1 Variable Speed Drive Assembly

3, 5, 7-1/2, 10 & 15 HP available in any 6:1 range below 1500 RPM

40:1 Variable Speed Drive Assembly

3 & 5 HP available in any 40:1 range below 1200 RPM

Extras for all 36" Band Saws

- 3' x 5' steel table (non-tilting)
- Work light, 110V, plugs into customers' 110V receptacle, or work light 110V - 100W using transformer in starting box.
- Powered guide post
- Rip fence, single face (for right side of blade)
- Large cross cut gauge with dovetall slot custom tables only
- Rip fence, double face for use on both sides of blade
- Switch for stopping power on application of foot brake (furnished on Deluxe 36°)
- Blade welders

- · Air nozzle assembly, connects to customer's air line
- Paddock Guides, Wright Guides, Guideall 400 Guides
- Large rolling table, 48" cut-off x 50" wide, solid cast Iron, nontilting table with steel 50" auxiliary table non-rolling.
- · Power feed attachments for rolling tables
- · Left-hand machines
- 48", 36", 30" and 24" (standard) under guides
- Upper wheel automatic synchronized safety brake includes automatic tension confrol
- Lower wheel automatic synchronized safety brake



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