

HEM[®] SAW

—The saw that cuts straight.—

Sidewinder M



Horizontal Miter, Metal-Cutting Production Band Saw

Capacity: 12.75" H x 16" W @ 90° • 10" H x 10" W @ 45° (Left) • 6" H x 6" W @ 60° (Left)
Blade: 1" x 13'6" x .035" • Motor: 3 HP

Easy View Console

The Control Console is located in an Easy View style control on a gooseneck mount, and can be pivoted for operator convenience.





18" Exit Support

A standard 18" solid exit support for discharge provides easier handling after the cut.



Adjustable Main Vise

The saw vise slides on the vise ways. When the clamp is engaged, the air powered short stroking vise is pulled toward the fixed wear plate, clamping the material in place to ensure accurate cuts. The clamping pressure is easily adjusted to clamp various materials



Hold Down Fixture

A hold down fixture also aids in the clamping of multiple pieces of material in a single row.

Adjustable Feed Rate & Cut Force

The saw arm Feed Rate can be adjusted from zero to 3 inches per second. Cutting pressure / force can be adjusted for effective metal removal rates.



Push Button Blade Speed

Blade speed can be adjusted with an infinitely variable speed drive from the console with push button controls. The blade speed is shown on the console with LED Readout.

Manual Adjustable Guide Arm

The Guide Arm is adjusted manually to help stabilize the blade and reduce vibration, providing a better cutting surface.





Carbide Blade Guides

A blade guide system is composed of side and back guides, which are flat carbide inserts.

Manual Blade Tension

The Manual Blade Tensioner helps to keep the blade at the proper tension. It assures and maintains proper blade tension at all times during the cutting process.



Blade Brush

A shaft-driven Blade Brush is standard for positive removal of metal chips that lodge in the blade gullets. This system ensures a cleaner blade, more accurate cuts, and prolonged blade life.

Built-In Flood Coolant System

The saw has a totally built-in coolant system with sealed coolant pump. The coolant is dispensed through the guide arms on both sides of the cut.



Miter Scale

The miter scale gives you both speed and accuracy in mitering angles up to 60 degrees. Swing the arm to the desired angle as indicated on the protractor scale. A manual clamp secures the cutting angle quickly.

Safety Features

The saw is equipped with a safety Emergency Stop cut-off switch. This allows the operator to closely monitor the cutting process and quickly stop it if needed.

The Panic Stop halts all automatic functions.

The saw will automatically shut off if the blade breaks, shown by the Broken Blade Indicator.





Optional Reduced Capacity Top Clamp - Main Vise

An Optional reduced capacity top clamp can be added to the main vise for vertical clamping of structural shapes.

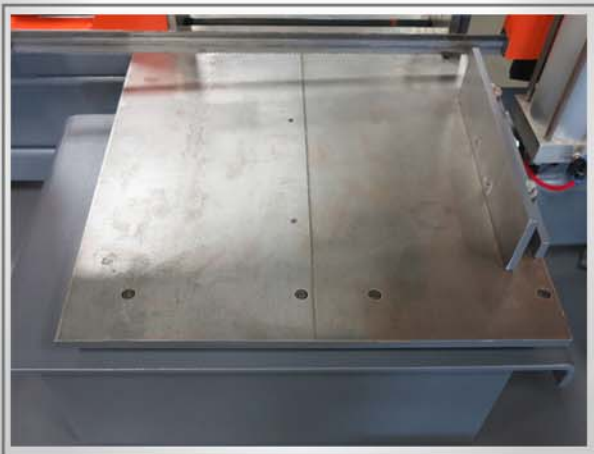
Optional Spray Mist Lubrication

The optional spray mist system lubricates the blade with a mist that is adjustable at a rate of 4 - 200 pulses per minute, pushing the mix of oil/air out of the delivery line to the nozzle.



Full Width Discharge Plate

An Optional Full Width Discharge Plate can be added in lieu of the standard 18" exit support.



Optional 5' or 10' Idle Roller Stock Table

5' or 10' optional idle roller tables with 12" centers are available for material handling. The tables are non-coolant panned and height adjustable to be "trued-in" with the saw. They are designed to move even the large bars with ease and accuracy.



Other Available Options: Laser Light System



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Other Available Options: Laser Light System



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Horizontal Pivot

Horizontal Miter

Vertical

Dual Column

Wide Flange



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