

HEM Horizontal Pivot: H105A-4

Capacity: 16" W x 14" H • Blade: 1-1/4" x 15'0" x .042"

Motor: 7.5 HP • Bar-feed: 0-24" (4 Indexes)



Standard Features

Easy View Console – All Function Control
24" Solid Discharge Table – Bolts to Saw
Adjustable Main & Feed Vise
Adjustable Clamping Force
2 Hold Down Fixtures
Push Button Blade Speed w/ LED Readout
Manual Adjustable Guide Arm
Adjustable Cutting Force & Feed Rate
Carbide Blade Guides
Cut Watcher® System
Flood Coolant System w/ Wash-Down Hose
Manual Blade Tension
Blade Brush
Broken Blade & Out of Stock Indicators
Safety Guards

220V/440V/3PH Electrical Motor Requirement
– This is Not a Dual Voltage Machine
85 PSI, 4-6 CFM Minimum Air Requirement
(Equipped w/ Air Filter/Lubricator)



Optional Features

Reduced Capacity Top Clamp – Feed Vise
Reduced Capacity Top Clamp – Main Vise
3rd Holding Vise on Feed
Interlocking Vise Jaws
Outboard Powered Vise on Discharge
Air Powered Blade Tension
Chip Auger System
Spray Mist Lubrication
5' or 10' Idle Roller Stock Table

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HEM Horizontal Pivot: H105A-C

Capacity: 16" W x 14" H • Blade: 1-1/4" x 15'0" x .042"

Motor: 7.5 HP • Bar-feed: 0-24" (Multiple Index)



**Shown w/ Optional Interlocking Vises & 3rd Vise*

Standard Features

- Easy View Console – All Function Control
- Computer Controlled Feed System
- 24" Solid Discharge Table – Bolts to Saw
- Adjustable Main & Feed Vise
- Adjustable Clamping Force
- 2 Hold Down Fixtures
- Push Button Blade Speed w/ LED Readout
- Manual Adjustable Guide Arm
- Adjustable Cutting Force - Feed Rate
- Carbide Blade Guides
- Cut Watcher® System
- Vertical Alignment Roller on Feed
- Chip Auger System
- Flood Coolant System w/ Wash-Down Hose
- Air Powered Blade Tension
- Blade Brush
- Broken Blade & Out of Stock Indicators
- Safety Guards
- 220V/440V/3PH Electrical Motor Requirement
- This is Not a Dual Voltage Machine
- 85 PSI, 4-6 CFM Minimum Air Requirement
- (Equipped w/ Air Filter/Lubricator)



Optional Features

- Reduced Capacity Top Clamp – Feed Vise
- Reduced Capacity Top Clamp – Main Vise
- 3rd Holding Vise on Feed
- Interlocking Vise Jaws
- Outboard Powered Vise on Discharge
- Spray Mist Lubrication
- 5' or 10' Idle Roller Stock Table

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HEM Horizontal Pivot: H105LA-4

Capacity: 20" W x 16" H • Blade: 1-1/4" x 15'8" x .042"

Motor: 7.5 HP • Bar-feed: 0-24" (4 Indexes)



Standard Features

Easy View Console – All Function Control
24" Solid Discharge Table – Bolts to Saw
Adjustable Main & Feed Vise
Adjustable Clamping Force
2 Hold Down Fixtures
Push Button Blade Speed w/ LED Readout
Manual Adjustable Guide Arm
Adjustable Cutting Force - Feed Rate
Carbide Blade Guides
Cut Watcher® System
Vertical Alignment Roller on Feed
Flood Coolant System w/ Wash-Down Hose
Manual Blade Tension
Blade Brush
Broken Blade & Out of Stock Indicators
Safety Guards

220V/440V/3PH Electrical Motor Requirement
– This is Not a Dual Voltage Machine
85 PSI, 4-6 CFM Minimum Air Requirement
(Equipped w/ Air Filter/Lubricator)



Optional Features

Reduced Capacity Top Clamp – Feed Vise
Reduced Capacity Top Clamp – Main Vise
3rd Holding Vise on Feed
Interlocking Vise Jaws
Outboard Powered Vise on Discharge
Air Powered Blade Tension
Chip Auger System
Spray Mist Lubrication
5' or 10' Idle Roller Stock Table

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HEM Horizontal Pivot: H105LA-C

Capacity: 20" W x 16" H • Blade: 1-1/4" x 15'8" x .042"

Motor: 7.5 HP • Bar-feed: 0-24" (Multiple Index)



**Shown w/ Optional Interlocking Visers & 3rd Vise*

Standard Features

- Easy View Console – All Function Control
- Computer Controlled Feed System
- 24" Solid Discharge Table – Bolts to Saw
- Adjustable Main & Feed Vise
- Adjustable Clamping Force
- 2 Hold Down Fixtures
- Push Button Blade Speed w/ LED Readout
- Manual Adjustable Guide Arm
- Adjustable Cutting Force - Feed Rate
- Carbide Blade Guides
- Cut Watcher® System
- Vertical Alignment Roller on Feed
- Chip Auger System
- Flood Coolant System w/ Wash-Down Hose
- Air Powered Blade Tension
- Blade Brush
- Broken Blade & Out of Stock Indicators
- Safety Guards
- 220V/440V/3PH Electrical Motor Requirement
- This is Not a Dual Voltage Machine
- 85 PSI, 4-6 CFM Minimum Air Requirement
- (Equipped w/ Air Filter/Lubricator)



Optional Features

- Reduced Capacity Top Clamp – Feed Vise
- Reduced Capacity Top Clamp – Main Vise
- 3rd Holding Vise on Feed
- Interlocking Vise Jaws
- Outboard Powered Vise on Discharge
- Spray Mist Lubrication
- 5' or 10' Idle Roller Stock Table

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HEM Horizontal Pivot: H105LM

Capacity: 20" W x 16" H • Blade: 1-1/4" x 15'8" x .042" • Motor: 7.5 HP



Standard Features

Easy View Console – Semi-Automatic Control
24" Solid Discharge Table – Bolts to Saw
Adjustable Main Vise
Adjustable Clamping Force
Manual Guide Arm Adjustment
Push Button Blade Speed w/ LED Readout
Adjustable Cutting Force & Feed Rate
Carbide Blade Guides
Manual Blade Tension
Blade Brush
Flood Coolant System w/ Wash-Down Hose
Broken Blade Indicator
Safety Guards

220V/440V/3PH Electrical Motor Requirement
– This is Not a Dual Voltage Machine
85 PSI, 4-6 CFM Minimum Air Requirement
(Equipped w/ Air Filter/Lubricator)

Optional Features

Reduced Capacity Top Clamp – Main Vise
Air Powered Blade Tension
Chip Auger System
Cut Watcher® System
Spray Mist Lubrication
10' Roller Load Table
5' or 10' Idle Roller Stock Table

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H105M



Horizontal Pivot, Metal-Cutting Production Band Saw

Capacity: 14" H x 16" W • Blade: 1-1/4" x 15'0" x .042" • Motor: 7.5 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.





24" Solid Discharge Table

A standard 24" solid discharge table provides easier handling after the cut. The table is 24" in length and is fully coolant panned.

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.



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 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.





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 Chip Auger System

An Optional Chip Auger removes chips from the cutting area into an easy-to-empty container. Chips and coolant are automatically separated into two different containers.



Optional Idle Roller Load Table & Idle Roller Stock Tables

Optional 10' Roller Load Table, and 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: Air-Powered Blade Tension, Cut Watcher



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