

# HE&M<sup>®</sup> SAW

— The saw that cuts straight. —

## H105M

Horizontal Pivot Band Saw

Quote Number: 286-26



**Regional Sales Manager:**

Bob Koranda  
(918) 760-4857

**VP of Sales:**

Steve Sparks  
(918) 803-3790

**HE&M Saw, Inc.**

P.O. Box 1148, Pryor, OK 74362

Toll Free: (888) 729-7787 • Phone: (918) 825-4821 • Fax: (918) 825-4824

[www.hemsaw.com](http://www.hemsaw.com)

**STANDARD FEATURES**

- Saw:** Pivot Style, Horizontal Band Saw
- Saw Capacity:** 16" W x 12.5" H or 15.75" W x 14" H (14" Square • 14" Round)
- Arm Lift:** Powered from control console.
- Blade Size:** 1-1/4" x 15'0" x .042" THK
- Blade Drive:** 7.5 HP, 220V (25 amps)/3PH or 440V (13 amps)/3PH Electrical Motor Requirement.  
220V or 440V AC to be specified by the customer at the time of order. 1800 rpm, ball bearing TFC  
***The customer must ground this saw at the machine with an earth ground rod installed prior to installation for the warranty to be in effect.***
- Blade Speed:** Infinitely variable speed drive controlled through a variable frequency controller and speed is changed from LED readout on console.
- Air Requirements:** 85 PSI, 3 – 5 CFM, equipped with air filter/lubricator
- Operator Control:** Control Console is located in an Easy View style control on a gooseneck mount. The Control Console and gooseneck can each be pivoted for operator convenience. Saw may be operated in semi-automatic mode.

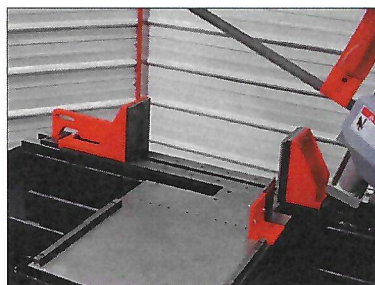


**Discharge Table:**

24" Solid Discharge Table for easier material handling after the cut. The table is 24" in length and standard as solid. The table is bolted onto the machine base and is fully coolant panned to return coolant to the machine.

**Adjustable Main Vise:**

Main-clamping vise is air powered and non-cocking.

**Vise Clamping Pressure:**

The operator controls the variable vise pressure, adjustable to clamp various metals.

**Cutting Pressure:**

Adjustable cutting pressure/force to control the weight to be placed on the teeth of the blade.

**Cutting Rate:**

Adjustable to regulate the saw arm traverse rate. This is a necessary feature to cut tubing at high rates without losing saw teeth.

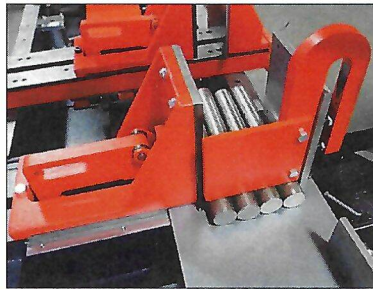
**Carbide Blade Guides:**

Side and back carbides are flat for maximum blade support.

**Blade Chip Brush:**

Powered brush driven by an assembly mounted on the drive wheel removes chips that may become lodged in the blade gullets.

**Hold-Down Fixture:** A hold down fixture that mounts on the main vise for use when cutting more than one piece at a time.



**Built-In Coolant System:** Machine is set up for flood-style coolant system with coolant dispensed through the guide arms. The saw is fully panned to return coolant to the tank.

**Wash-Down Hose:** A cutting fluid clean-up hose is provided for machine wash down.

**Blade Break Switch:** Saw will automatically shut off if the blade breaks.

**Safety Guards:** Machine is equipped with blade guards and awareness barriers for safety purposes.

**Price:** **\$46,995.00 – FOB Pryor, Oklahoma**

**Terms:** 20% Deposit with order required – balance due Net 30 Days from shipment with approved credit.

**Installation:** A factory-trained representative will assist on the installation of the new machine at your facility, and will be available to train all necessary personnel to assure immediate full use of the equipment.

**Spare Parts Kit:** A parts kit containing miscellaneous small items such as fittings, fuses, and limit switches is provided for start-up.

**Warranty:** The seller will repair or replace to the purchaser, upon inspection, any defective part for a period of one (1) year or 2,000 hours, whichever comes first, from the date of shipment.

**Note:** This machine is manufactured in its entirety in Pryor, Oklahoma, USA.

**Parts availability is immediate**

**OPTIONAL FEATURES**

**Spray Mist Lubrication:** Spray mist lubrication system with a selector switch located on control console to select and to switch back and forth from flood coolant or spray mist lubrication.

**Price: \$1,395.00**



**Outboard Powered Vise on Discharge:**

Holds the material on the discharge side of the blade for “back trimming” and keeps the parts from closing during the cut. It provides an additional clamping surface and works in conjunction with the main saw vise but can be disconnected by a control valve. The use of this vise will decrease “burr” on the cut material.

**Price: \$4,595.00**

**Reduced Capacity Top Clamps:**

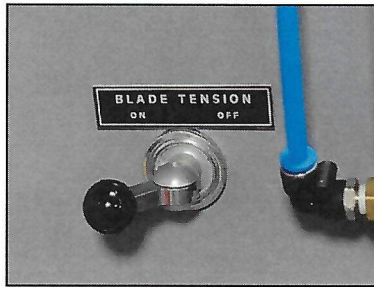
Top Clamp for bundle cutting

**Price: \$2,195.00 – Main Vise**  
(Capacity 15” W x 10” H)



**Powered Blade Tension:** Assures and maintains proper blade tension at all times during the cutting process.

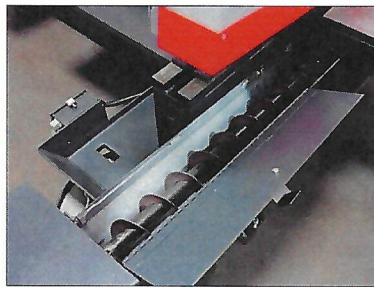
**Price:** \$1,495.00



**Chip Auger:**

Removes chips from the cutting area into an easy-to-empty container. Chips and coolant are separated into two different tanks.

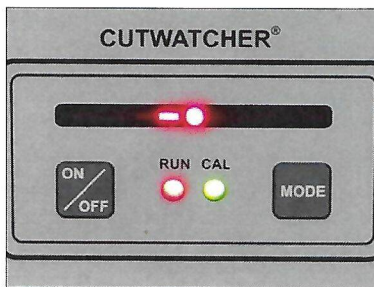
**Price:** \$3,295.00



**Cut Watcher® System:**

A system that monitors the cut for squareness to a pre-set deviation value. The system shuts down the saw when the pre-set value is exceeded. This is a must option for production cutting. (PATENT: 5,070,751)

**Price:** \$3,795.00



**Light Clamping Pressure:** Allows the machine to clamp thin wall tubing or other delicate materials with less clamping pressure reducing the possibility of deforming them.

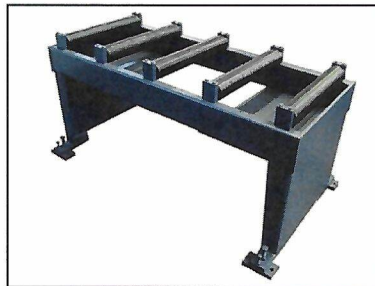
**Price: \$295.00**

**Single-Phase Voltage:** Larger frequency drive is added to make voltage on saw single-phase instead of 3-phase.

**Price: \$795.00**

**Stock Table:** Heavy Duty roller table, 24" centers, non-coolant panned and adjustable to be "trued-in" with the saw. Roller table is designed to move even the large bars with ease and accuracy.

**Price: 5' x 18" Idle - \$2,595.00**  
**10' x 18" Idle - \$3,995.00**



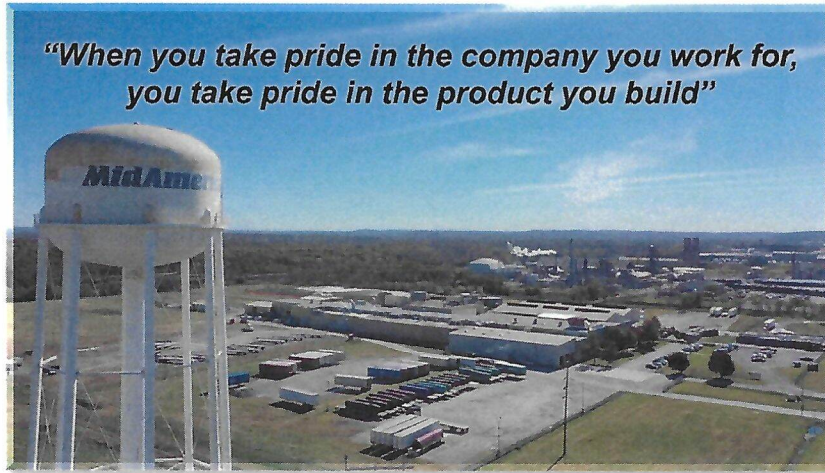
**Load Table:** Extra Heavy Duty roller table, 14" centers, totally coolant panned and adjustable to be "trued-in" with the saw. Table is attached to the saw.

**Price: 10' x 18" Idle - \$6,395.00**

This quotation is firm for thirty (30) days from the date of issue and is not an offer to sell until we have agreed to the options, form of payment, terms, and conditions prior to accepting an order. HEM Inc., whose policy is one of continuous improvement, reserves the right to change the design, price, and/or specifications at any time, without notice, and without incurring any obligations.

Please visit [www.hemsaw.com](http://www.hemsaw.com) to view photos/videos of this equipment.

**Much more than building band saws... Catch a glimpse of what we're made of.**



***"When you take pride in the company you work for,  
you take pride in the product you build"***

[Click to watch HE&M Saw Plant Tour & Band Saw Overview Video](#)

## HE&M SAW QUOTE SUMMARY PAGE

### **Model: H105M**

Saw Type: Horizontal Pivot Band Saw  
Capacity: 16" W x 12.5" H or 15.75" W x 14" H  
(14" Square • 14" Round)  
Blade: 1-1/4" x 15'0" x .042"  
Motor: 7.5 HP  
Operation: Semi-Automatic



### **Standard Features**

Easy View Control Console	Built-In Coolant System w/ Wash-Down Hose
24" Solid Discharge Table – Bolts to Saw	Air Machine (85 PSI, 4-6 CFM Minimum Air Requirement)
Adjustable Main Vise w/Variable Vise Pressure	220V(25 amps)/3PH or 440V(13 amps)/3PH Electrical Motor Requirement
Hold Down Fixture	* Amps increase w/added options
Manual Guide Arm Adjustment	– This is Not a Dual Voltage Machine
Variable Blade Speed w/ LED Readout	
Carbide Blade Guides	
Manual Blade Tension	
Adjustable Cutting Rate & Cutting Pressure	

**Price** **\$46,995.00**

### **Optional Features**

Reduced Capacity Top Clamp - Main Vise (Capacity 15" W x 10" H)	\$2,195.00
Outboard Powered Vise on Discharge	\$4,595.00
Chip Auger System	\$3,295.00
Air Powered Blade Tension	\$1,495.00
Cut Watcher® System	\$3,795.00
Spray Mist Lubrication - Flood/Mist Selector Switch	\$1,395.00
Light Clamping Pressure	\$295.00
Single-Phase Voltage	\$795.00
10' x 18" Idle Roller Load Table	\$6,395.00
5' x 18" Idle Non-Panned Roller Stock Table	\$2,595.00
10' x 18" Idle Non-Panned Roller Stock Table	\$3,995.00

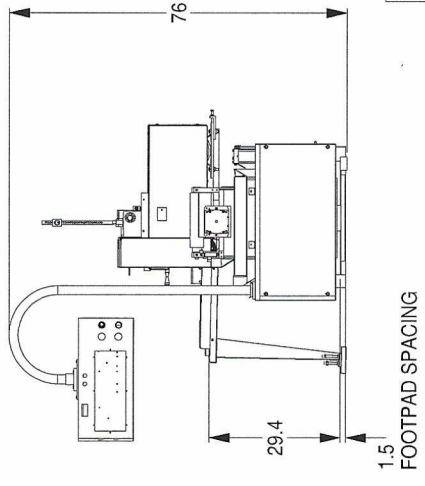
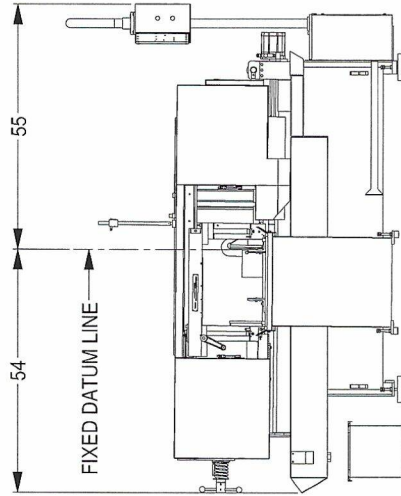
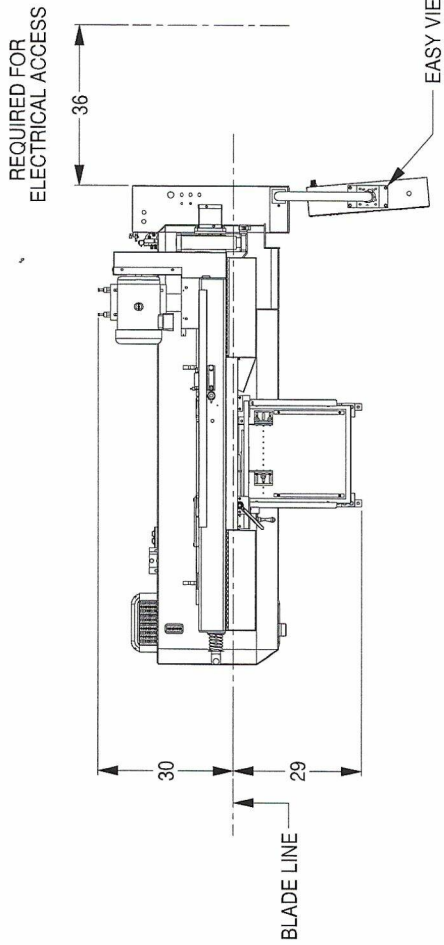
**Terms:** 20% Deposit with order required – balance due Net 30 Days from shipment with approved credit.

If you wish to proceed with this order, please sign here and e-mail back to [nblakemore@hemsaw.com](mailto:nblakemore@hemsaw.com)

PO#: \_\_\_\_\_

Please confirm your voltage here:

NOTE: HEM INC. WHOSE POLICY IS ONE OF CONTINUOUS IMPROVEMENTS,  
 RESERVES THE RIGHT TO CHANGE SPECIFICATIONS, PRICE OR DESIGN  
 AT ANY TIME WITHOUT NOTICE AND WITHOUT INCURRING OBLIGATIONS  
 ALL DIMENSIONS +/- .200"



**HEM** INC.  
 MID-AMERICA INDUSTRIAL DISTRICT  
 P.O. BOX 1148 PRYOR, OK 74361

LAYOUT  
 H105M

B-006516-802-01-A

2023 COPYRIGHT HEM Inc. All rights reserved. No part of this document may be copied without written permission.