

HE&M[®] SAW

— The saw that cuts straight. —

H130A

Automatic, Horizontal Pivot Band Saw

Quote Number: **636-25**



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

STANDARD FEATURES

Saw:	Pivot Style, Horizontal Band Saw
Saw Capacity:	18" W x 15" H or 20" W x 10" H (16" Square • 16" Round)
Arm Lift:	Powered from control console.
Blade Size:	1-1/2" x 17'0" x .050" THK
Blade Drive:	10 HP, 220V (40 amps)/3PH or 440V (20 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 <i>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.</i>
Blade Speed:	Infinitely variable speed drive controlled through a variable frequency controller and speed is changed from readout on console's touch screen.
Hydraulics:	2 HP Hydraulic System
Operator Control:	Control Console is located on front of saw, with 8" Omron touch screen controls, for operator convenience. Saw may be operated in semi-automatic mode or fully-automatic mode.



Touch Screen:

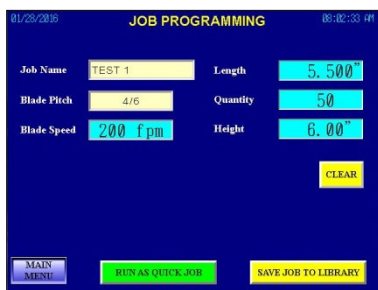
The touch screen display provides easy to use menu navigation to program specific automatic jobs, nested job operations as well as manual functions and programming information required for each job.



Auto Run - This screen allows the operator to set up the computer controlled feed to run a quick job for automatic cutting once the job has been created in the job program screen. The blade speed, quantity and any cutting operation options, such as extra vises, step feed, etc. can be adjusted from this screen.



Program a Job - The operator can create a job program by inputting the desired blade pitch, blade speed, length, height, and quantity. After creating a job program the operator can run it as a quick job or save it to the Job Library to recall the information at a later time.



Job Library - The Job Library displays information stored by the operator in an interactive data base that contains up to 1000 jobs including the “Quick Job”, along with specific job information such as length, quantity, blade speeds, etc. It stores a list of programmed jobs that can be reviewed, edited, or called up to run, either as a single job, or a series of jobs to be run in consecutive order.



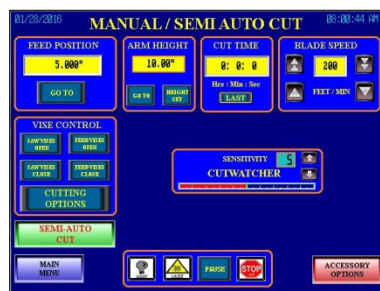
Job #	Job Name	Length	Height	Qty
1	QUICK JOB	0.000"	0.000"	0
2	TEST 1	5.500"	6.000"	50
3		0.000"	0.000"	0
4		0.000"	0.000"	0
5		0.000"	0.000"	0
6		0.000"	0.000"	0
7		0.000"	0.000"	0
8		0.000"	0.000"	0
9		0.000"	0.000"	0

Program a Series - To save time and material, the saw has the ability to run a sequence of up to 12 job numbers (cuts) in a sequence up to 99 times using the Program Series icon. 100 sequences can be saved to recall at a later time. The operator can enter the job information into the Series Overview screen to create these sequences. There must be jobs programmed in the “JOB LIBRARY” to program a series.



Job #	Job Name	Length	Height	Qty
1	QUICK JOB	0.000"	0.000"	0
2	TEST 1	5.500"	5.000"	50
3	TEST 2	25.000"	5.000"	10
4	TEST 3	75.000"	5.000"	12
5		0.000"	0.000"	0

Manual / Semi-Auto Cut - Allows the operator to make a single, semi-automatic or manual cut without creating a job number or a job program. This is a good option when performing a one-time cut.



MANUAL/SEMI-AUTO CUT

FEED POSITION: 5.000" [GO TO]

ARM HEIGHT: 10.00" [JOB TO] [HOLD] [RESET]

CUT TIME: 0:00 [New Min. Sec] [LAST]

BLADE SPEED: 200 [TEXT / MEN]

WISE CONTROL: [SAFE] [STOP] [REVERSE] [FORWARD] [CUTTING] [OPTIONS]

SEMI-AUTO CUT: [MAIN MENU]

SENSITIVITY: 5 [CUTWATCHER]

ACCESSORY OPTIONS: [FAN] [STOP]

More - The “MORE” icon provides access to additional settings and features. The operator can adjust settings for various functions such as arm and feed calibration, review information on the blade life and motor hours, or access help files that give instructions on changing the saw blade.



48” Servo Bar-Feed:

The automatic bar-feed has a 0-48” stroke with multiple indexing. The servo twin ball-screw bar-feed allows for faster movement and higher repeatability. The unique design uses two ball-screws to reduce the side loading caused by different size materials allowing for more accurate positioning. A single screw typically results in higher wear on the drive mechanism. The table is capable of 30 fpm movement speeds with material and 50 fpm in retracting without material. The Material Jogging feature permits incremental control of the shuttle vise to aid in positioning the material for pre-marked cuts. **Requires Air Supply*



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.



Feed Forward in Cut:

The controller will hold the feed forward during the cut to increase the clamping force on the machine during the cutting operation. This feature is great for round bars where they have a chance to spin during a cut damaging the blade.

Vise – Main & Feed:

The vises are full-stroking with adjustable clamping pressure. Vises automatically function in automatic mode.



**Shown w/ Optional Top Clamps*

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.

Powered Guide Arm:

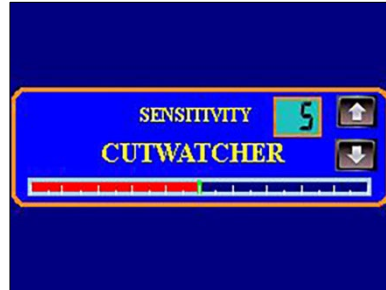
Powered, moveable guide arm controlled from the console.

Powered Blade Tension:

Assures and maintains proper blade tension at all times during the cutting process.

“Passive” 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)



Built-In Coolant System w/ Wash-Down Hose:

Built-in coolant system, with high pressure sealed coolant pump. Coolant is dispensed through fixed guide arm. The saw is fully panned to return coolant to the tank. A cutting fluid clean-up hose is provided for machine wash down.

Chip/Swarf Removal System:

A chip auger removes chips from the cutting area to a bin.

Two-Hand Operation Controls:

All motion operations require two hands to operate, reducing the exposure to hazards from running the equipment.

Broken Blade Function:

Stops the machine if the blade breaks to keep the machine from being damaged.

Out-of-Stock Function:

The machine will stop when the feed vise runs out of material.

Automatic Blade Idle:

When not actively engaged in a cut the machine will reduce the blade speed reducing the risk of injury while the machine is operating.

Blade Change Interlock:

The interlock is used to disable the band motor operation while changing the blade, to reduce the risk in changing a blade. The key for the interlock is the same one used for tension ensuring that the machine must be operated in a safe manor.



Safety Guards:

Machine is equipped with blade guards and awareness barriers for safety purposes.

Price: **\$103,595.00 – FOB Pryor, Oklahoma**

Terms:

20% Deposit with order required, 30% due before Shipment and 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. **Requires Air Supply*

Price: \$1,395.00



Bar-Feed Filler Plates:

Metal plates that fit between the rollers on the bar-feed to prevent remnant pieces and other material from falling into the base of the bar-feed.

Price: \$295.00



Full Capacity Top Clamps: For vertical clamping of structural shapes and when entire “mill bundles” are to be cut. One is provided for the feed vise and one is provided for the main vise.

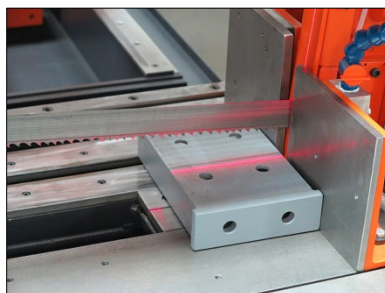
Price: \$7,695.00 – Main & Feed Vise



Laser Light System:

A laser light that indicates on the material where the blade will enter the cut.

Price: \$1,395.00



Vise – 3rd:

Assures positive alignment of material. The vise works in conjunction with the main saw vise to provide additional clamping surface and may be disconnected if not needed through a “quick release” valve.

Price: \$4,595.00



Vise – Outboard:

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: \$10,395.00

Remote Diagnostics:

The remote diagnostics includes the hardware needed for remote support of the machine. Suppose the saw is connected to the customers' network. In that case, HE&M Saw can request access to the machine to remotely diagnose the issue with the customer, improving the repair time while reducing the cost of having a service technician on site. The first year of remote support is included with the price of the machine.

Price: \$3,295.00

Pedestal Control Console: A control console that is mounted on a pedestal with specified length of the umbilical.

Price: \$2,695.00

Roll-Around Control Console: Roll-Around control console in lieu of the standard swing away console. Standard length of the umbilical is 6’.

Price: \$4,795.00



August 6, 2025

HE&M Saw H130A

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Stock Table:

Heavy Duty roller table, 28" 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 22" Idle - \$3,095.00**
 10' x 22" Idle - \$4,495.00



Hydraulic Tank Heater and/or Cold Weather Package:

HE&M Saws are designed to operate efficiently at temperatures above 32° F (0° C). If environmental conditions exist below this temperature, we strongly recommend adding a hydraulic tank heater and/or a "cold-weather package" to the saw order.

Hydraulic Tank Heater Price: \$1,195.00

Cold Weather Package Price: \$5,695.00



August 6, 2025

HE&M Saw H130A

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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 to view photos/videos of this equipment.

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



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



HE&M SAW QUOTE SUMMARY PAGE

Phone Number: 636-25

Date: August 6, 2025

ICD Alloys and Metals

631 N Secrest Ave

Monroe, NC 28110

Contact: Scott Pigg

Phone: (704) 219-1079

Email: scott.pigg@icdalloys.com

Smith Machinery Company

Contact: Shane Humphrey

Model: H130A

Saw Type: Horizontal Pivot Band Saw

Capacity: 18" W x 15" H or 20" W x 10" H
(16" Square • 16" Round)

Blade: 1-1/2" x 17'0" x .050"

Motor: 10 HP Hydraulics: 2 HP

Operation: Automatic

Bar-Feed: 0-48" Stroke Servo Twin Ball-Screw Bar-Feed (Multiple Index)

Standard Features

Swing-Away Control Console W/8" Touch Screen

Computer Controlled Feed System

24" Solid Discharge Table

Full Stroking Main & Feed Vise w/Variable Vise Pressure

Carbide Blade Guides w/Lead-In/Lead Out Roller Guides

Powered Guide Arm

Cut Watcher® System

Variable Blade Speed w/ Readout on Touch Screen

Adjustable Feed Rate & Cutting Force



**shown w/ Optional Full Capacity Top Clamps - Main & Feed Vise*

Powered Blade Tension

Adjustable Cutting Rate & Cutting Pressure

Chip Auger System

Built-In Coolant System w/ Wash-Down Hose

Hydraulic, Solid Base Machine

220V(40 amps)/3PH or 440V(20 amps)/3PH Electrical Motor Requirement

*Amps increase w/added options

– This is Not a Dual Voltage Machine

Price

\$103,595.00

Optional Features

Set of Full Capacity Top Clamps - Main & Feed Vise

\$7,695.00

Filler Plates for Servo Bar-Feed

\$295.00

Outboard Powered Vise on Discharge

\$10,395.00

3rd Holding Vise on Feed

\$4,595.00

Laser Light System

\$1,395.00

Spray Mist Lubrication - Flood/Mist Selector Switch *Requires Air Supply

\$1,395.00

Remote Diagnostics

\$3,295.00

Pedestal Mounted Control Console - 12' Umbilical

\$2,695.00

Roll-Around Control Console

\$4,795.00

5' x 22" Idle Non-Panned Roller Stock Table

\$3,095.00

10' x 22" Idle Non-Panned Roller Stock Table

\$4,495.00

Hydraulic Tank Heater

\$1,195.00

Cold Weather Package

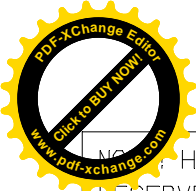
\$5,695.00

Terms: 20% Deposit with order required, 30% due before Shipment and Balance due Net 30 Days from Shipment with approved credit.

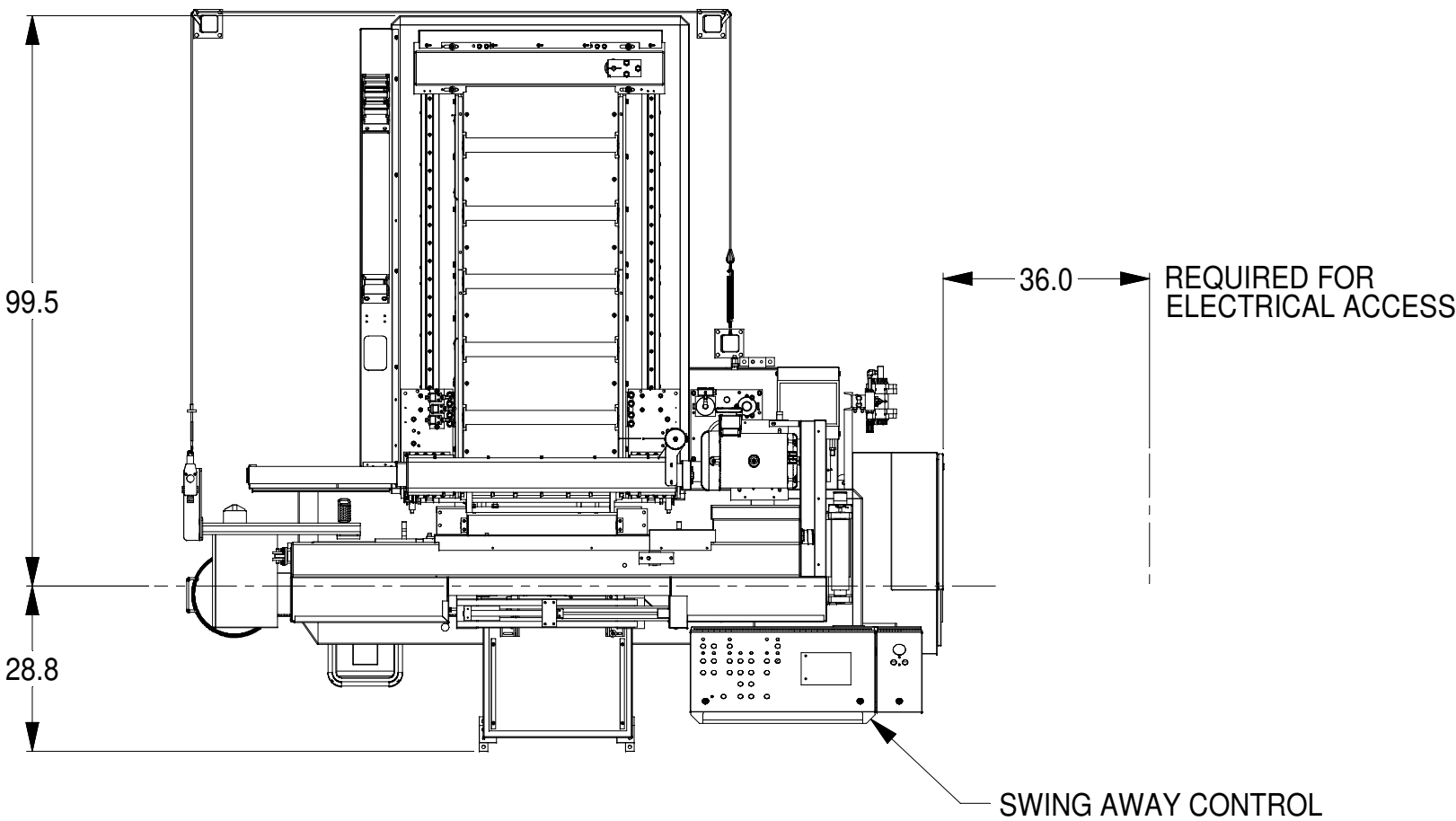
If you wish to proceed with this order, please sign here and e-mail back to nblakemore@hemsaw.com

PO#: _____

Please confirm your voltage here:



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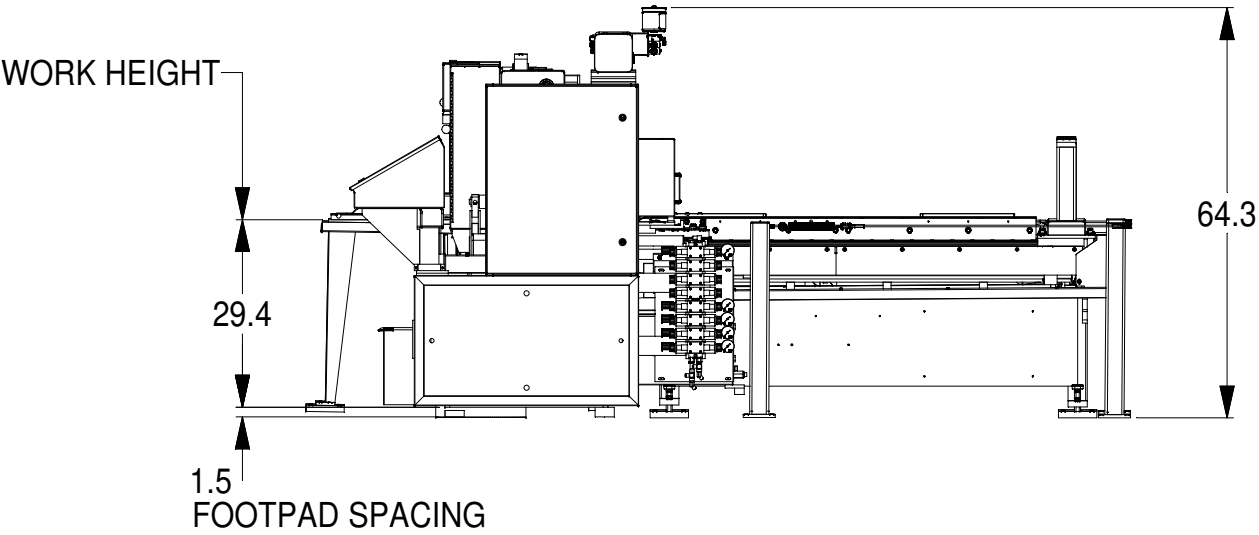
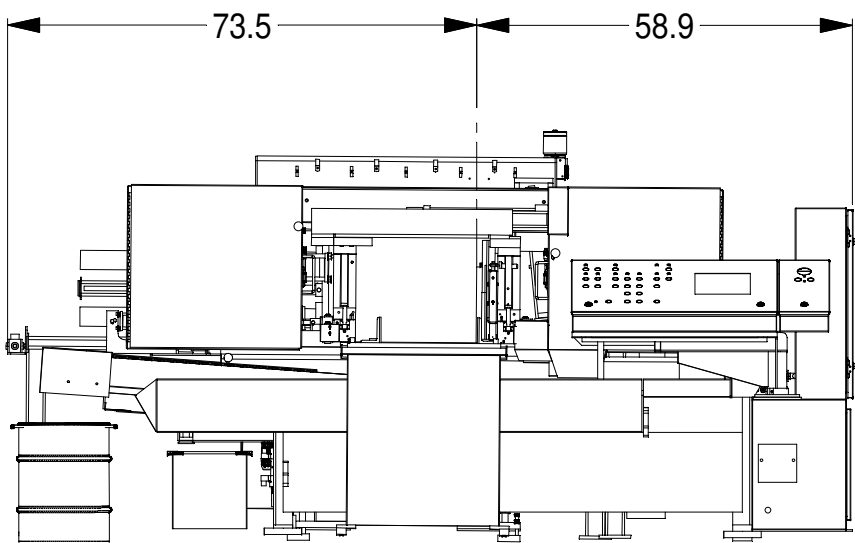


FINAL
ENGINEERING RELEASED

APPROVAL _____

DATE _____

VOLTAGE _____



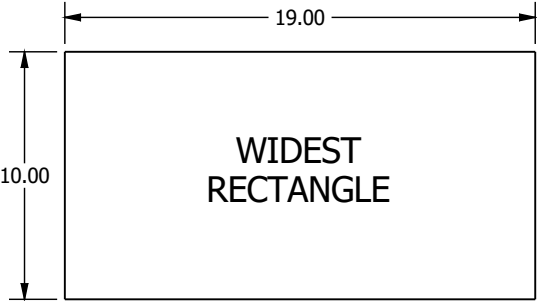
HEM ,INC. MID-AMERICA INDUSTRIAL DISTRICT P.O. BOX 1148 PRYOR, OK 74361
LAYOUT
H130HA - 48" FRBS
B-006516-794-01-A



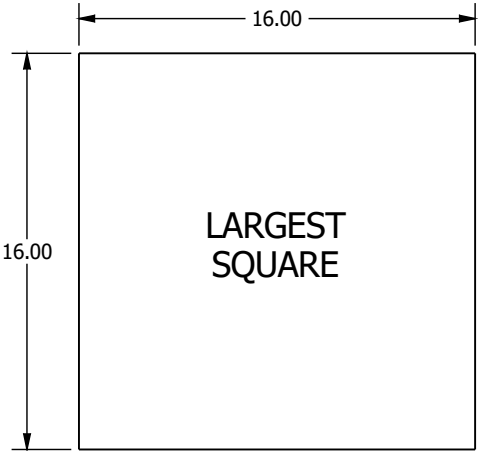
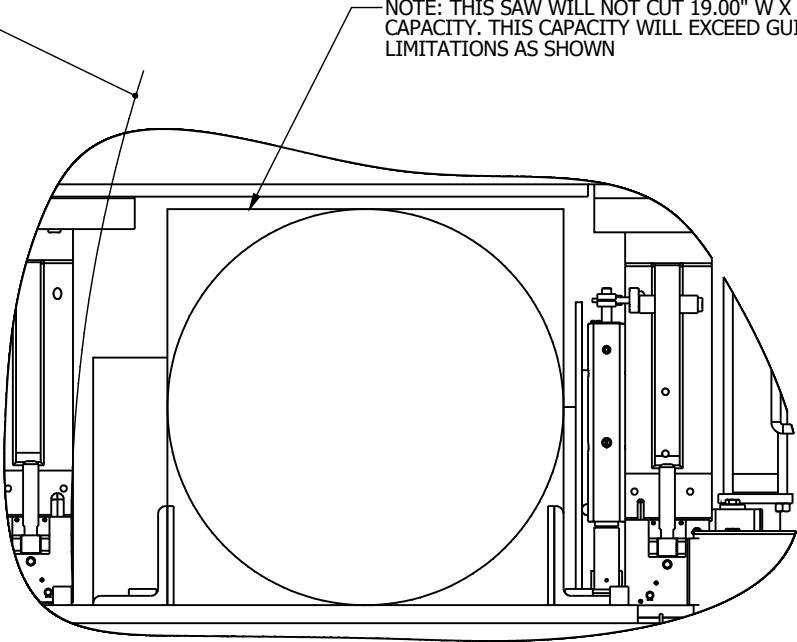
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PATH OF THE GUIDE
ARM WHEN PIVOTED

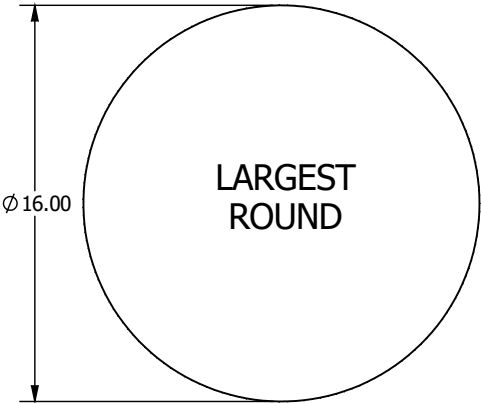
NOTE: THIS SAW WILL NOT CUT 19.00" W X 16.00" H
CAPACITY. THIS CAPACITY WILL EXCEED GUIDE
LIMITATIONS AS SHOWN



WIDEST
RECTANGLE



LARGEST
SQUARE



LARGEST
ROUND

HE&M[®] SAW	
MID-AMERICA INDUSTRIAL DISTRICT P.O. BOX 1148 PRYOR, OK. 74361	
H-130 PIVOT CAPACITY LIMITATIONS	
B-006516-740	A



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COMPANY NAME _____ EMAIL _____

ADDRESS _____ CITY/STATE/ZIP _____

YEARS IN BUSINESS _____ EQUIPMENT LOCATION _____

PHONE (____) _____ FEDERAL TAX ID# _____ ANNUAL SALES \$ _____

☐ SOLE PROPRIETORSHIP ☐ PARTNERSHIP ☐ LLC ☐ CORPORATION STATE OF INCORP _____

PRINCIPAL/NAME/TITLE _____ % OWNER _____

SSN# _____ DATE OF BIRTH ____ / ____ / ____ SIGNATURE _____

HOME ADDRESS _____ CITY/STATE/ZIP _____

PHONE/CELL _____ EMAIL _____

PRINCIPAL/NAME/TITLE _____ % OWNER _____

SSN# _____ DATE OF BIRTH ____ / ____ / ____ SIGNATURE _____

HOME ADDRESS _____ CITY/STATE/ZIP _____

PHONE/CELL _____ EMAIL _____

EQUIPMENT TO BE FINANCED/SELLER/PRICE _____

For security purposes and to help the government fight terrorism & money laundering activities, federal law requires all financing institutions to obtain, verify, and record information that identifies each person or commercial entity who opens an account or obtains financing. For this reason, we will ask for your name, address, date of birth, Social Security/Tax Identification Number and other information that will allow us to identify you. We may also ask other questions or request other client due diligence documents meant to verify your individual or commercial identity.

Equal Credit Opportunity Act ("ECOA") Notice:

Note: if your application for business credit is denied, you have the right to a written statement of the specific reasons for denial. To obtain the statement, please contact our ECOA Compliance Representative at Verdant Commercial Capital, LLC at the address noted herein within 60 days from the date you are notified of your denial. Within 30 days of receiving your request, we will send you a written statement specifying the reasons for the denial. The Federal ECOA prohibits creditors from discriminating against credit applicants on the basis of race, color, religion, national origin, sex, marital status, age (provided that the applicant has the capacity to enter into a binding contract), because all or part of the applicant's income derives from any public assistance program or because the applicant has in good faith exercised any right under the Consumer Credit Protection Act. The federal agency that administers compliance with this law concerning the creditor is the Consumer Financial Protection Bureau, 1700 G Street NW, Washington, DC 20006.

"You," the "Applicant" (both terms include the business entity as well as all the individuals named above) certify to us that you are applying for credit for business reasons, and not for personal, family or household purposes. Applicant authorizes Verdant Commercial Capital, LLC and its present, future and prospective successors and/or assigns to obtain information from others concerning Applicant's credit and trade standing, including Applicant's personal credit report, and other relevant information impacting this application, and if the request is approved, from time to time during the term of the transaction. In addition to the information requested on this application, we may subsequently request additional information from the Applicant(s).

SIGNATURE _____ DATE _____