




# Trilogy Machinery

## Sunrise Horizontal Bending Machine

### YOUR METAL FABRICATING MACHINERY SPECIALISTS

Since 2009, we have been committed to providing our customers the highest level of professionalism, integrity and service. This commitment is what helped us to achieve our reputation as a leader in the metal fabricating machinery industry.

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



Metal  
Fabricating  
Machinery

Pipe and Flat  
Bar Bending

Single and Multi-Vee  
Press Brakes

Custom Tooling

CNC Controlled

Optional CNC  
Backgauge



**SUNRISE**

## SUNRISE HBM-45 CNC | 45 Ton – 1 Meter CNC Back-gauge

Standard  
Touch-Screen  
Control

Enclosed Hydraulic Cylinder  
Digital Linear Encoder

Quick-Change Tooling

Optional CNC Back-gauge  
with integrated ball-screw



Foot Pedal or  
Hand-Palm Control



Optional HBM Tooling



Custom Bending Tool

The **SUNRISE HBM** hydraulic bending machines are an incredible addition to the SUNRISE product line of high quality and reliable hydraulic metal working machines. A wide range of tooling is available for different bending operations. Custom tooling is also available. The HBM features a direct cylinder to tool connection allowing full bending force in the middle of the tooling for maximum performance and reliability.

The SUNRISE CNC back-gauge extends the accuracy and efficiency of the HBM series horizontal bending machines.

The CNC back-gauge is accurate to  $\pm 0.004$ " and when combined with the digitally controlled cylinder travel, achieves complex bending work with ease. The CNC back-gauge can be programmed to slightly retract immediately before bending to prevent damage from material movement.

#### **Standard Features on all SUNRISE HBM – Horizontal Benders**

- OMRON Color Touch-Screen controller with 50 program memory – 10 bends per program
- 3" Single-Vee Bending Die and Punch
- Mitutoyo digital linear encoder features  $\pm 0.004$ " positioning accuracy
- Digital proximity sensors for calibration
- Machined one-piece table design
- Manual pressure adjustment
- Name-brand electric and hydraulic components for excellent machine reliability
- 2-Year Warranty

#### **Optional Features on SUNRISE HBM**

- 1 or 2 Meter CNC Back-gauge
- Special and Custom tooling
- Dual-Palm Control
- American and European Press Brake Tooling

HBM Standard Features		
Model	HBM-45	HBM-82
Tonnage	45	82
Bending Capacity	8" x 1/2"	12" x 1/2"
Forward Speed	0.4"/Sec	0.4"/Sec
Return Speed	0.6"/Sec	0.4"/Sec
Stroke	10"	14"
Working Height	37"	37.5"
Motor HP	5	7.5
Net Weight	2275#	4575#
Dimensions	53" x 30" x 47"	70" x 36" x 50"

HBM Optional Accessories		
Model	HBM-45	HBM-82
Pipe Bending Capacity	3/8" - 2" OD	3/8" - 2" OD
Flat Bar Bending	2" x 1/2"	2" x 1/2"
Punching Tool Capacity	1-1/8" in 3/8"	1-1/8" in 3/8"
Flat Plate Shear	6.5" x 1/2"	6.5" x 1/2"
Straightening Tool	8"	12"



Shearing Tool



Flat-Bar Bending



Tube, Pipe and Round Bar Bending



Punch Tooling



## Trilogy Machinery Advantages



### DEDICATION

Trilogy is a team of over 13 dedicated and energetic professionals ready to assist with your Metal Fabricating Machinery needs.



### SOLUTIONS

We offer solutions to your Metal Fabricating Machinery needs. Our sales technicians are all factory-trained to assist with providing the correct machine for your job.



### UNLIMITED SUPPORT

We service what we sell! Trilogy has a massive stock of spare parts and we also offer world renowned technical support by our factory-trained technicians. Customers get free phone support for the life of the machine.



### NATIONWIDE DEALERS

In addition to the service and support provided direct from Trilogy, we also have an extensive network of local dealers that are ready to help with on-site service, sales and support.

## Contact Information



### Office and Showroom

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