



Trilogy Machinery

Sunrise Angle and Plate
Processing Systems

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



Metal
Fabricating
Machinery

Ironworkers

CNC Punch
and Shear

Horizontal
Benders

Angle and Plate
Processing Lines





APS

FLAT BAR
PROCESSING SYSTEM



Operation Area featuring
quick-change tooling,
hydraulic stripper



Pneumatic-Material Clamps



Material Guides

The **SUNRISE APS** is a fully automatic flat bar processing system. The Operator simply loads the material onto the all-steel ball-bearing rollers, the system engages with pneumatic clamping and squaring devices and then processes the material by automatically punching and shearing utilizing the industrial strength rack and pinion drive system.

Full Metal
Enclosure

The SUNRISE APS is a
fully-automatic
processing system for
Flat-bar.



Sliding Access Door

Integrated Oil Cooler

IDEAL FOR
FLAT BAR

SYSTEM FEATURES:

- Rack and Pinion Drive System
- Industrial PC Touch-Screen Controller
- Dual Linear Rail Guided Y-Axis
- Hydraulic Plate Shear Hold-down
- Hydraulic Punch Stripper
- Pneumatic Material Clamp
- Pneumatic Material Guides
- Integrated Electrical Cabinet
- Anti-Twist Shear System with adjustable blade gap and no slug
- Average of 4 seconds per operation

*Up to 88 Tons

OPERATION: Operator programs parts with integrated programs or loads DXF file from Wifi, Ethernet or USB; multiple files can be nested on the same plate; loads material onto roller table; pneumatic clamp and pneumatic material guides engage and system proceeds automatically punching and shearing. **This is a complete plate processing system!**

TECHNICAL SPECIFICATIONS:

- 40'/Minute Travel - Both Axis
- + - 0.004"/Foot Accuracy
- 28 - 35 Strokes Per Minute
- 12" Width Plate Capacity
- 1.5" Maximum Hole Diameter*
- 0.75" Material Thickness
- 20' Material Length
- 220v/440v - 3 Phase Operation

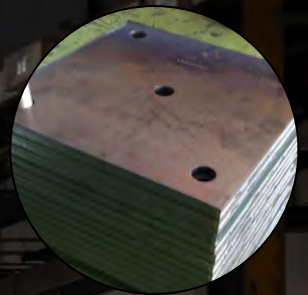
Optional Features

- Material Stamp/Marking Station
- Auto Lubrication System
- Triple Punch
- Safety Light Curtain
- 20' Material Extension

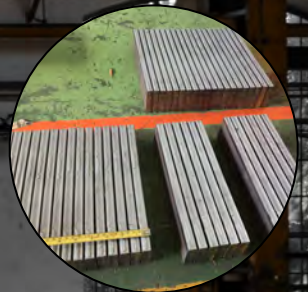
Triple Punch



Base Plates



Nesting Ability



Part Stamp/Marking



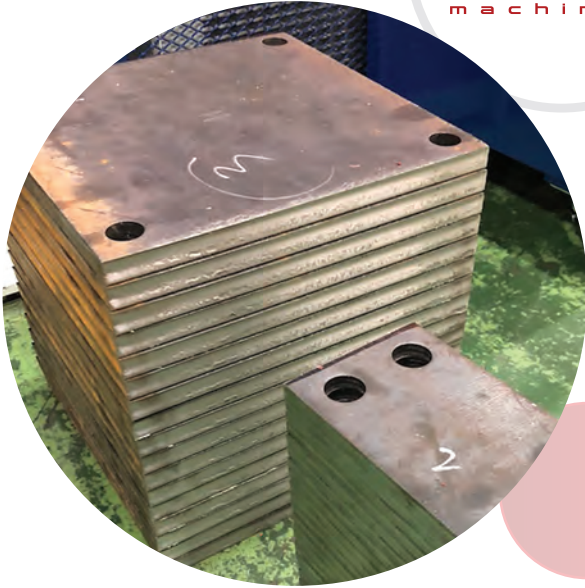
Rack and Pinion
Drive System

All-steel
Construction

15" Touch-Screen
Controller

SUNRISE APS-30080M
Triple Punch
12" Flat Bar Capacity

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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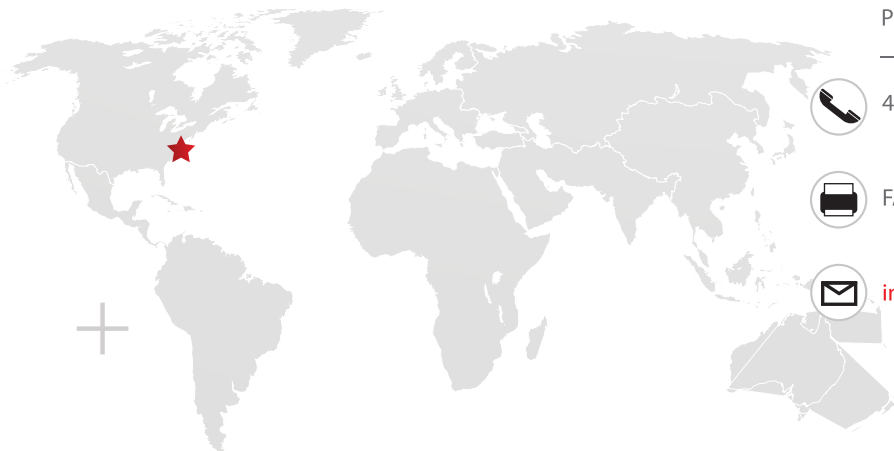
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