

CINCINNATI®



Laser Systems



Press Brakes



Mechanical
Shears



Hydraulic
Shears



Shear Knives



Press Brake
Tooling



CL-800 Laser Cutting System

- ☑ Linear Motors for Speed, Accuracy and Reliability
- ☑ Autofocus Head with 5", 7.5" and 10" Focal Length Capability
- ☑ Magnetic Break-Away Head with Protective Bellows
- ☑ 4000 or 5000 Watt GE Fanuc Resonator
- ☑ Easy to use Human Machine Interface
- ☑ Dual Pallets
- ☑ Interfaces with Modular Material Handling System
- ☑ Positioning Speed Exceeds 12,000 ipm



Modular Material Handling System

- ☑ Automated Load/Unload
- ☑ Touchscreen Controller
- ☑ Rugged Construction
- ☑ Modular Design
 - expand with your needs



CINCINNATI® Laser Cutting Systems

Laser Cutting Systems from CINCINNATI® all employ rugged construction with fabricated plate steel frames that are often twice as heavy as others. The CINCINNATI® Laser can stand up to the abuse that is common in a metal fabricating shop, day in and day out. The linear drive motion system provides positioning within 0.001". This accuracy exceeds most metal cutting requirements and ensures unmatched part quality.

All CINCINNATI® lasers and press brakes have an industrial PC operating Windows® as the control interface. The machine control application has been written by CINCINNATI® to ensure ease of use. Dynamic Power Control accurately matches the required laser power to the desired feed rate for better edge condition and higher part accuracy with fewer adjustments by the operator.

All CINCINNATI® lasers have the ability to be dual pallet machines. With a dual pallet, the laser is cutting on one pallet while loading and unloading is taking place on the other pallet. With only a few seconds to shift pallets, near continuous cutting is achieved to optimize productivity.

Included with each laser is the CINCINNATI® Laser Programming and Nesting Software. This software is one of the leading programming and nesting software packages available today. Advanced programming techniques can double productivity and increase material utilization over common programming software.

CL-900 Fiber Laser Cutting System

- ☑ Fiber Laser Resonator
- ☑ High-Speed Linear Motors
- ☑ Low Operating Cost
- ☑ Cuts Gauge Mild Steel Fast!
- ☑ Flexible Fiber Beam Delivery
- ☑ Dual Pallet Productivity



CL-707 Features:

- ☑ Linear Motors for Speed, Accuracy and Reliability
- ☑ 4000 or 5000 Watt GE Fanuc Resonator
- ☑ Dual Pallets
- ☑ Touchscreen Control
- ☑ 8'x20' Table



For more than 100 years, **CINCINNATI**® has helped metal fabricators become more productive and profitable. We continue to develop new and innovative solutions for the rigorous demands of the manufacturing environment. Our latest is the advanced MAXFORM precision press brake and linear motor drive 6-Axis LT backgag.



MAXFORM

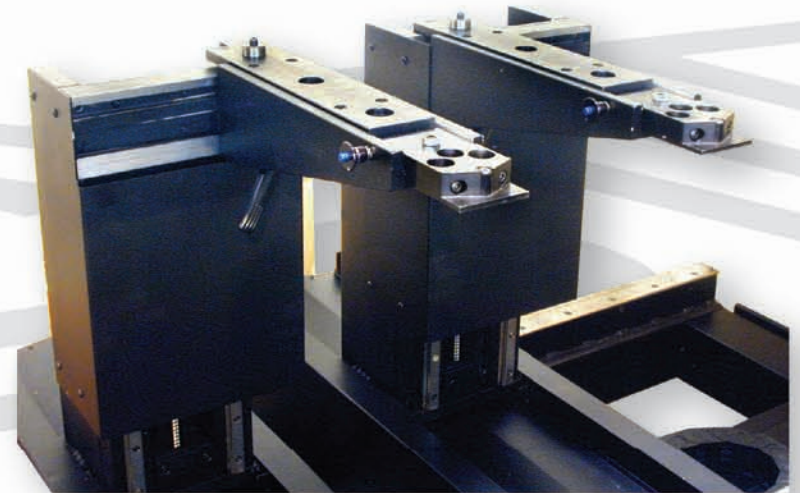
Maximizes productivity for world-class manufacturers and precision job shops.

- ☑ ±.0002" (3-sigma) Ram Repeatability
- ☑ Exceptional Ram and Backgag Speeds
- ☑ Touchscreen Human Machine Interface
- ☑ Bend Simulation Software (control and offline)
- ☑ Dynamic Thickness Compensation
- ☑ Bolt-on Ram Noses for Sectionalized Tooling
- ☑ Precision 5-axis Backgag

6-Axis LT Backgag

This optional backgag designed for the MAXFORM press brake utilizes linear motor drive technology for fast positioning and long term reliability.

- ☑ Low-profile Design
- ☑ 40" Backgag Range with Material Support
- ☑ Flip Up Backgag Fingers



CINCINNATI® Press Brakes

Touchscreen controls are now standard on all CINCINNATI® Press Brakes. CINCINNATI® controls produce fast, consistent setups through simplified file storage and detailed setup information. Part handling errors are reduced with realistic 3-D part views and 360° part image rotation.



CINCINNATI® press brake controls use Windows® to graphically display tool setups as well as complete bend sequences. Setup times can often be reduced to mere minutes allowing operators to quickly bend parts with confidence and precision. Minimal setup times and high ram speeds minimize cost per part.

AUTOFORM+

Advances productivity through increased ram speeds, ram repeatability, advanced software features and additional backgauge options.

- ☑ $\pm.0004$ " (3-sigma) Ram repeatability
- ☑ Touchscreen Human Machine Interface with 3D part views, keyboard, integrated palm buttons
- ☑ Bend Simulation Software (control and offline)
- ☑ Optional backgages up to 6 axes
- ☑ Dynamic Thickness Compensation



PROFORM

Provides exceptional value for all job shops and integrated manufacturers.

- ☑ $\pm.001$ " (3-sigma) Ram repeatability
- ☑ Touchscreen Human Machine Interface
- ☑ Bolt-on 'quick clamp' ram nose
- ☑ Optional Bend Simulation offline software
- ☑ Optional backgages up to 5 axes



GINGINNATI® Large Press Brakes



Large Press Brakes provide advanced features for heavy forming and punching.

- ☑ 400 to 2000 tons
- ☑ Touchscreen Human Machine Interface
- ☑ PROFORM configuration
 - ±.001" (3-sigma) Ram repeatability
- ☑ AUTOFORM configuration
 - ±.0004" (3-sigma) Ram repeatability
 - Bend Simulation Software (control and offline)
 - Dynamic Thickness Compensation
- ☑ Optional Increased Closed Height, Stroke and Throats
- ☑ Optional Widened Bed and Ram
- ☑ Single or Tandem configuration

GINGINNATI® Control Upgrade

GINGINNATI® utilizes the leading-edge control technology of a touchscreen, PC-based control. This control can be installed on your existing CBII, FMII and Autoform Press Brake using the same pendant arm and enclosure at an affordable cost. Control Upgrades are now available for your FM and Autoshape Press Brakes.



CINCINNATI® Shears

CINCINNATI® shears are designed for exceptional performance by every standard. Their durability and versatility are suited for a wide variety of applications. We also offer a Total Knife Service program to all our shear users.

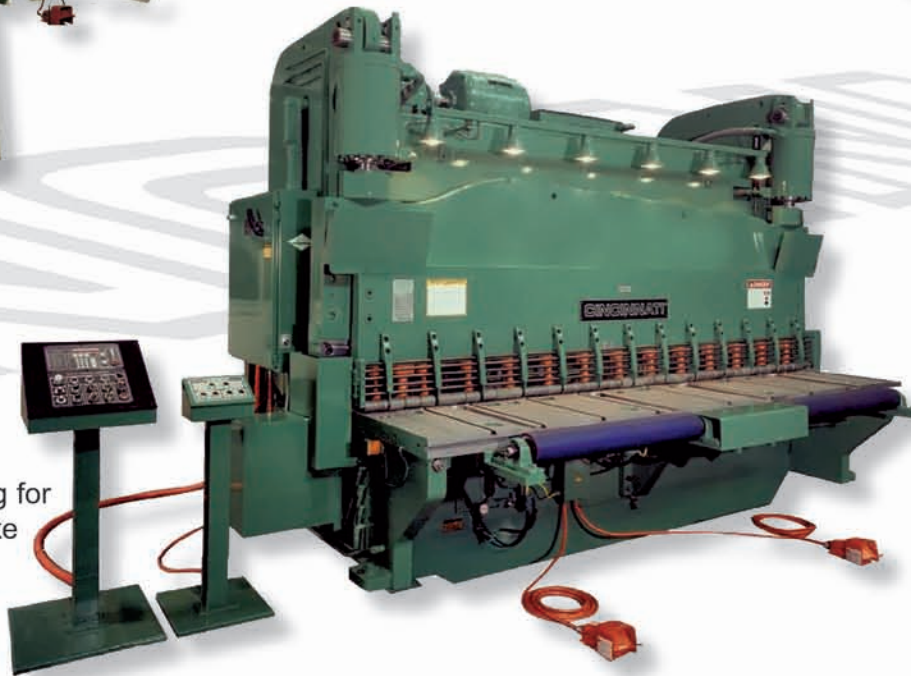
HS Hydraulic Shears are available up to 3/4" capacity. Adjustable cut length, knife clearance and rake angle provide versatility for a wide range of materials. An optional Touchscreen Shear Control provides fast machine and gage setup.



Mechanical Shears produce flat, accurate blanks with high cycle speeds and a simple setup. Available up to 1/2" capacity.



SE Hydraulic Shears provide years of dependable shearing for steel service centers and plate fabricators. Available up to 1" capacity in 6' - 20' length.



Conveyor Systems improve safety and productivity when handling material behind the shear. Available for new and existing CINCINNATI® shears up to 1/2" capacity.



Cincinnati Incorporated maintains a modern industrial facility where product development, manufacturing, sales and support are combined to assure complete customer service and satisfaction. Customers are always welcome to visit the Customer Productivity Center and watch parts being cut or discuss unique applications with Product Specialists to verify production efficiency and potential savings. Cincinnati Incorporated's regionally based, factory trained, service representatives are also here to support you. They can offer assistance with routine repairs and preventive maintenance programs for all products. Service technicians are backed by a factory based technical support group and the same engineering staff that designed your equipment. Each serviceman receives regular training and updates to guarantee the latest information is available to you. By using factory trained service personnel, you are assured of getting the best quality of repairs and maintenance in the industry.



For the latest information on all CINCINNATI® products and services, please visit www.e-ci.com.



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