

CINCINNATI has always prided itself on unparalleled service and machine quality. But did you know that CINCINNATI was rated #1 for the fourth year by Service Center Executives?

“Service center executives reveal some of their favorite makes of metal processing equipment in this top-of-mind survey by Metal Center News. Cincinnati Inc., maker of metal cutting, shearing and forming equipment, heads MCN’s 2006 Top 20 list of equipment brands favored by service center executives.” (Metal Center News, May 2006 issue).

Article available on www.e-ci.com “success stories”.

CINCINNATI, on top of service, on top of quality.



Please visit www.e-ci.com for the latest information on all CINCINNATI products.



CINCINNATI customers can download manuals, software, check the status of parts orders, view machine inventories and view machine documentation online in the customer information center.



CINCINNATI®



Laser Systems



Press Brakes



Mechanical Shears



Hydraulic Shears



Shear Knives



Press Brake Tooling

Cincinnati Incorporated maintains a modern industrial facility where product development, manufacturing, sales and support functions are combined to assure complete customer service and satisfaction. Customers may visit the Customer Productivity Center to watch parts being cut and discuss unique applications with Product Specialists to verify production efficiency and savings. Cincinnati Incorporated’s regionally based, factory trained, service representatives are also dedicated 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, you are assured of getting the best quality of repairs and maintenance in the industry.



CINCINNATI®
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General Catalog Aug. 06 10K C&O

New



CL-850 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
- ☑ New 5000 Watt GE Fanuc Resonator
- ☑ Easy to use Human Machine Interface
- ☑ Dual Pallets
- ☑ Interfaces with Modular Material Handling System

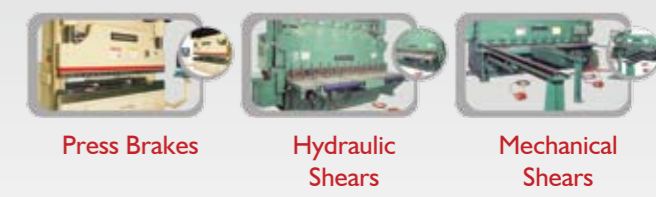


Modular Material Handling System

- ☑ Rugged Construction
- ☑ Lights out Operation
- ☑ Modular Design can expand with your needs
- ☑ Touchscreen Human Machine Interface

GINGINNATI® Shears

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



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



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.

Conveyor Systems improve safety and productivity when handling material behind the shear. Available for new and existing GINGINNATI® shears up to 1/2" capacity in 6'-14' length.

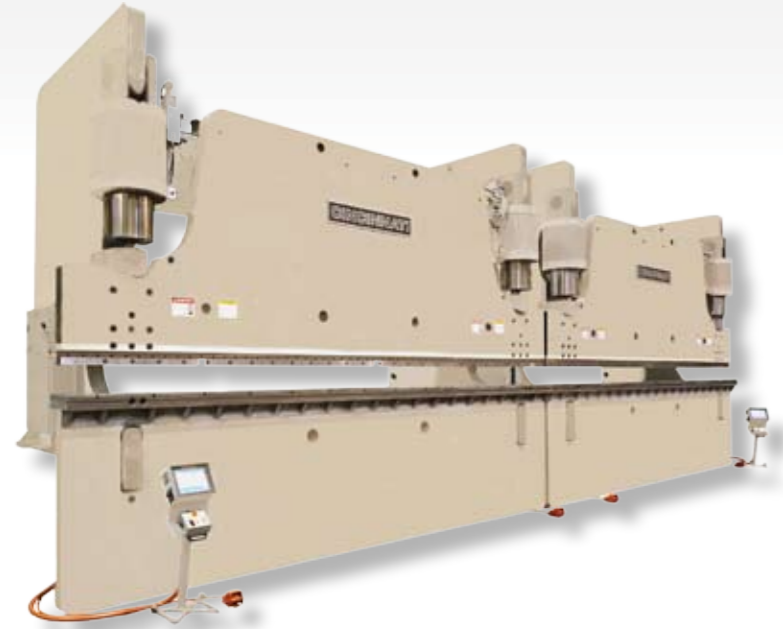


SE Hydraulic Shears provide years of dependable shearing for service centers and plate fabricators. Available up to 1" capacity in 6'-20' length.





GINGINNATI® Large Press Brakes



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

- ☑ 400 to 2000 tons
- ☑ Touchscreen Human Machine Interface, 3D Part Views
- ☑ 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

Unique GINGINNATI® Laser Features and Benefits

Laser Cutting Systems from GINGINNATI® all employ rugged construction with fabricated plate steel frames that are often twice as heavy as others. The GINGINNATI® Laser can stand up to the abuse that is common in a metal fabricating shop and cut like new day in and day out. On this rugged foundation is a choice of resonators from either GE Fanuc or Rofin-Sinar, the leading resonator manufacturers. The linear drive motion system provides positioning within 0.001". This accuracy exceeds most metal cutting requirements and ensures unmatched part quality.

All GINGINNATI® lasers and press brakes now have our new industrial PC running Windows® as the control interface. The machine control application has been written by GINGINNATI® 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 GINGINNATI® 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. Also included with each laser is the GINGINNATI® 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.



Laser Systems



CL-7A Features:

- ☑ Ball Screw Drive
- ☑ Choice of Resonators
 - ⊙ 3,300 watt Diffusion Cooled
 - ⊙ 4,000 watt Fast Axial Flow
- ☑ Optional Dual Pallets and MMHS
- ☑ Touchscreen Human Machine Interface
- ☑ 4'x8' to 6'x12' table sizes

GINGINNATI® Hydraulic Presses

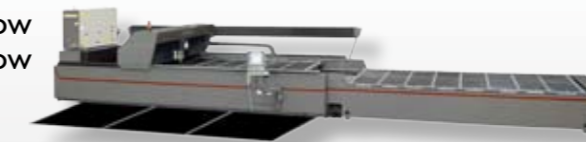
OBS CNC Press Centers excel in low-lot, fast change environments.

- ☑ 75 to 250 tons
- ☑ CNC Control
- ☑ Programmable Position or Tonnage Reversal
- ☑ Standard or optional Quick Die Change configuration



CL-707 Features:

- ☑ Linear Motors for Speed, Accuracy and Reliability
- ☑ Choice of Resonators
 - ⊙ 3,300 watt Diffusion Cooled
 - ⊙ 4,000 watt Fast Axial Flow
 - ⊙ 5,000 watt Fast Axial Flow
- ☑ Dual Pallets
- ☑ Interfaces with MMHS
- ☑ Touchscreen Human Machine Interface
- ☑ 4'x8' to 8'x20' table sizes



CL-6 Features:

- ☑ 5/8" Mild Steel Capacity
- ☑ Ball Screw Drive
- ☑ New 2500W GE Fanuc Resonator and Control
- ☑ 4'x8' and 5'x10' table sizes



For more than 100 years, **CINCINNATI**® has helped metal fabricators become more productive and profitable than ever. Today 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, 3D Part Views
- ☑ 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**® Lasers and 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 (360° part image rotation). Through our upgrade program, you can now also increase the productivity of your existing **CINCINNATI**® CBII or AUTOFORM with a new field installed Touchscreen Human Machine Interface.



AUTOFORM+ and **MAXFORM** control station. This HMI includes advanced 3D part views, keyboard and integrated palm buttons.

AUTOFORM+ advances productivity through increased ram speeds, ram repeatability, advanced software features and additional backgag options.

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

PROFORM series press brakes provide exceptional value for all job shops and integrated manufacturers.

- ☑ ±.001" (3-sigma) Ram repeatability
- ☑ Touchscreen Human Machine Interface
- ☑ Optional Bend Simulation offline software
- ☑ Optional backgages up to 4 axes



Press Brakes