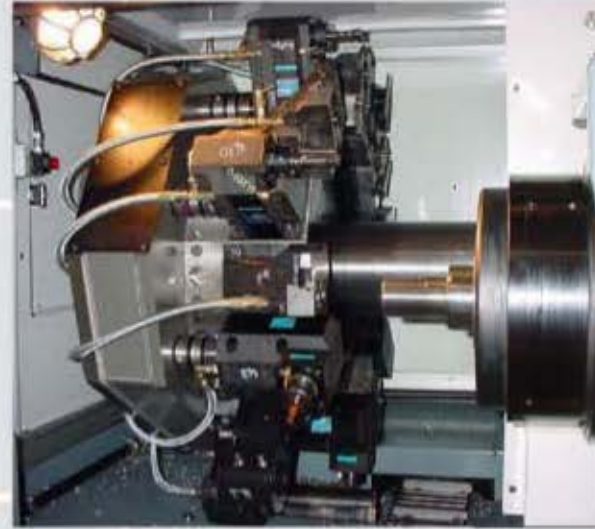


THINK
SMARTER.

Machines are getting smarter.
So should your company
LET US SHOW YOU HOW



MACHINE TOOLS



AUTOMATED HANDLING SYSTEMS



AUTOMATION





V Series
800 - 2500 mm tables

Vertical lathes - V Series

V-Series

The new Giddings & Lewis V Series vertical turning centers with 800 mm to 2.5 m tables, have standard features not offered by most manufacturers - a hydrostatic ram for heavy precision cuts and an infinitely-adjustable, dual-scale cross slide able to handle a wide range of parts. Designed with industry-leading functionality and reliability, V Series vertical lathes are a productive addition to any shop floor.

Options

- Live Spindle 50 Taper V/Lock with C axis
- RH Adaptor Capto 8 or KM80
- Linear Scales
- Extended Column and Extended Ram
- Full enclosure
- Probing - Tool & Part



Vertical Lathe VTC Series

PRODUCT INFO

Fives' 1.25 to 4.5 m Giddings & Lewis vertical turning centers have the power, capacity and options that make them the industry standard for vertical turning. The latest innovation is a Y-axis attachment capable of machining off-centerline part features. Giddings & Lewis 5 to 8 meter VTC series Massive parts require equally massive machines. With the capacity to turn parts up to 9 meters in diameter, weighing more than 250,000 kg, Giddings & Lewis vertical lathes fit the bill.

OPTIONAL

- Productive options include
- Live spindles, Side heads, Grinding and Y-axis attachments, Pallet Shuttles
- Modular design allows the choice of many column heights, Z travel and a wide variety of attachments

Do more with less; it's the mantra of manufacturers worldwide as they look for ways to increase productivity. Turning centers from Fives are designed around this premise with the offer of a wide range of multi-functional capabilities Fives offers Giddings & Lewis vertical turning centers with the capacity, power and accuracy to handle the most demanding machining requirements.



Horizontal Machining Centers

Horizontal Machining Centers

Fives Giddings & Lewis Horizontal Machining Centers - Large capacity Machines utilizing Modular Approach
Expandable major components – beds and columns,
Cast construction of machine components larger
Workpiece capacity – envelope providing large swing and weight capacity
Higher speeds – axis traverse and acceleration
Effective chip and coolant management
A family of headstocks, tool changers & pallet changers

OPTIONAL

- Several headstocks available including: live spindle, tilt spindle, high torque and high speed
- Travels
- Contouring heads and programmable boring bars (available on live spindle models only)
- Large capacity tool magazines
- Tool and part probes
- Controls – Siemens or Fanuc



Fives Giddings & Lewis boring mills provide the industry's most rigid and accurate machining platform along with industry leading traverse rates and accuracies
Provides increased productivity with unmatched precision.

Horizontal Boring Mills

PRODUCT INFO

Modular design offers wider range of machines configurable to customer applications and provides the ultimate reliability.
Wide variety of headstock selections with variety of speeds and high torque for demanding applications

HBM SERIES

RT - Rotary Table	MC - Pallet Shuttle
PT - Plain Table	FT/FTR - Floor Type Series
ICH - Integrated Contouring Head	TS - T Bed (NEW)



Gurutzpe CNC lathes

PRODUCT INFO

- GL Series CNC Lathe - Two guideway lathe**
- Monoblock bed in "V" type auto centering double guiding system with a 3rd guide support for the carriage
 - achieves the highest rigidity in the guiding and has very high material removal capacity
- GLX Series CNC Lathes - Four guideway lathe**
- Monoblock bed in "V" type auto centering guiding system and 5th guide support for the carriage to obtain the best results in heavy chip removal and finishing accuracy

OPTIONAL

FAMOC - (FAST MACHINING OPERATION CHANGE)

Adaptation of the cross carriage as well as the turning unit for the FAMOC system (zero point system) with positioning pins and Shunk clamping.

- Tooling for quick removing of the machining units
- This option permits the machine to be equipped with various units as Milling towers, grinding units,



Bardons and Oliver is a manufacturer that specializes in designing and building Machine Tool Systems to enhance throughput. Bardons and Oliver solutions integrate larger thru-hole machine tools with material handling equipment and automation. They build standard lathe-style & rotating head cutoff machines in sizes ranging from 5 inches to 16 inches, and build CNC turning centers for bars & tubes

Bardons and Oliver CNC Lathes & Cut-off Machinery

CENTER DRIVE SERIES

A unique machine in this family of high-efficiency turning machines is the CTR center drive lathe. Parts are gripped in the middle while complex machining is performed on both ends at the same time. No re-gripping or relocating of the part allows the highest specifications to be met. The result is dead true tolerances, held end-to-end, unmatched by any other configuration of turning center.

Other standard equipment includes:

- Center drive turning centers
- Four-axis, sub spindle turning centers
- Large Bore turning centers
- RH series Rotary head cutoff systems.
- System Automation and Robotic Integration



BARDONS & OLIVER



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Bardons and Oliver CNC Lathes & Cut-off Machinery

RH ROTARY CUT-OFF

Precision Cut Blanks – Lathe Tolerances From a Rotary Head Cutoff

The RH-700HP is capable of producing finished workpieces in a strict Cpk environment requiring a length tolerance down to +/-0.005". The raw material loss of a sawed blank when compared to a precision blank from our rotary head machine, the RH-700HP can amount to thousands of dollars per year. Length tolerance control and parallelism means less material lost during downstream finishing operations.

When your operation requires cutoff AND end finishing including chamfering and counterboring (both the I.D and O.D simultaneously), bevels, O.D. steps or shoulders and more, you need the NEXT generation Bardons & Oliver RH-Series Rotating Head Cutoff Machine

GTI TECHNOLOGIES, INC.



GTI Technologies is a representative organization providing sales and service for a number of precision grinding machine manufacturers throughout North America. These featured products are Gloria, Large Cylindrical Grinding machines Curtis High Volume Production Cylindrical Grinding and Proth Vertical Grinding machines

GTi CNC Grinding Machinery

GIORIA

Gioria grinding machines are available with distance between centers ranging from 600mm all the way to 10 meters, grinding diameter up to 2000mm and workpiece weight capacity up to 40 tons. Every machine can be equipped with rich set of options, including in-process gauging and super-finishing. Gioria stands out a leading manufacturer of reliable, long-lasting grinding machines, dedicated to the highest quality manufacturing standards and materials.

PROTH

+

CURTIS MACHINE TOOL

+

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GTi CNC Grinding Machinery

CURTIS MACHINE TOOL

Curtis Machine Tools is part of the Douglas Curtis Machine Tools group, established in 1973. They specialize in cylindrical grinding solutions for the production of high volume parts, with a focus on automotive applications including fuel injection and turbocharger components. Their flexible platforms can be augmented with full automation, inspection, laser marking, and more.



GTI TECHNOLOGIES, INC.

PROTH



GTI Technologies is a representative organization providing sales and service for a number of precision grinding machine manufacturers throughout North America. These featured products are Gloria, Large Cylindrical Grinding machines, Curtis High Volume Production Cylindrical Grinding, and Proth Vertical Grinding machines.

GTi CNC Grinding Machinery

PROTH

Designed for internal and external grinding of cylindrical workpieces, Proth Vertical grinders incorporate proven engineering technology gained through thousands of applications and more than 40 years of experience.

BUCKLEY OWENS MACHINERY

Thinking Smarter

We Begin By Understanding Your Goals
Our first step is to listen carefully while you explain what you want to achieve and the collective scope of all the processes that will become involved.

Next, after a full understanding of what you want to accomplish, we look at traditional and non-traditional solutions to help you best achieve your desired results.

The Result is improved throughput, reduced direct labor costs, consistent part quality and improved deliveries. Whether you'd like purchase a single machine or wish to automate the loading and unloading of a single machine tool or enhance the workflow of an entire production line, we can help.



Buckley Owens delivers machine tool solutions – including high performance machines, special engineered projects, service, support and parts for every customer – from single machines to fully automated production lines. Buckley Owens offers only the highest quality machines from the world's most respected builders such as Fives Cincinnati, Fives Henri Line, AMSAW, Bardons and Oliver.

MORE PARTNERS



DRILL & CLIPPER DRILL FOR FERROUS AND NON FERROUS MATERIALS



We offer industry leading brands that have both a reputation for excellence and the ability to provide a complete range of solutions for our customers. Each builder is a long-standing innovator, manufacturing machines and equipment that fill a niche in the industry. With high standards for value, quality and value. These builders deliver equipment with superior performance, reliability and the latest in technology.



FABRICATION AND SAWING PRODUCT LINES



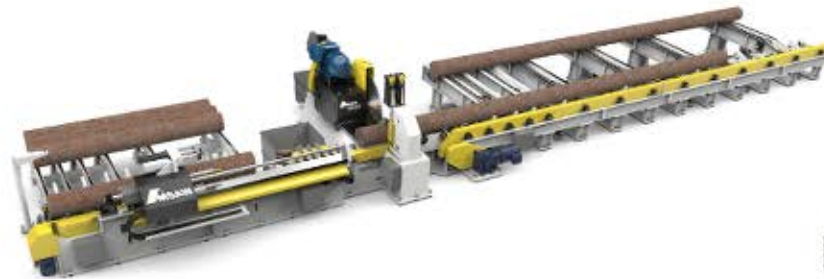
CNC Plasma Cutter Machines from Messer Cutting Systems

For over 100 years, Messer Cutting Systems has been a technology leader for any industries involved in steel and metal working. reliable products you need to get the job done.

- EdgeMax
- PlateMaster
- MetalMaster Plus
- MetalMaster Xcel
- Titan III
- MPC2000
- TMC450 DB
- MMP & Shuttle Table
- Plasma/Fiber Laser



Click On Photo for Machine Model Video



STANDARD & CUSTOM SAWS FOR FERROUS AND NON-FERROUS MATERIALS

With over 45 years of designing and manufacturing carbide saw systems, AMSAW is fully capable of engineering and building custom saw systems, including material handling, to meet the requirements for any application including ferrous and non-ferrous material.

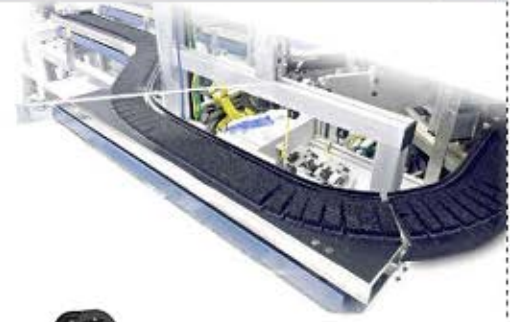


BTM SAWS offers a wide range of bandsaws for all your metal cutting requirements. With over 40 years of bandsawing expertise, BTM products are manufactured to the highest standards, with special attention to provide cut quality and world class blade life. Blade life that will save you money by lowering your cost per cut.



Automation

ROBOSHOP INC.
VIBRATORY MOTION SYSTEMS



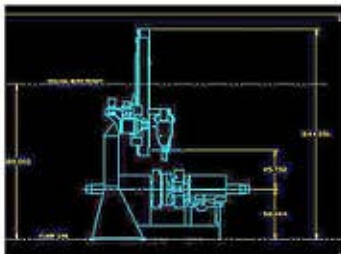
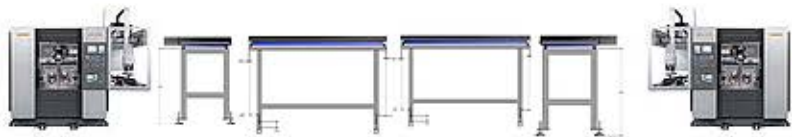
GÜDEL



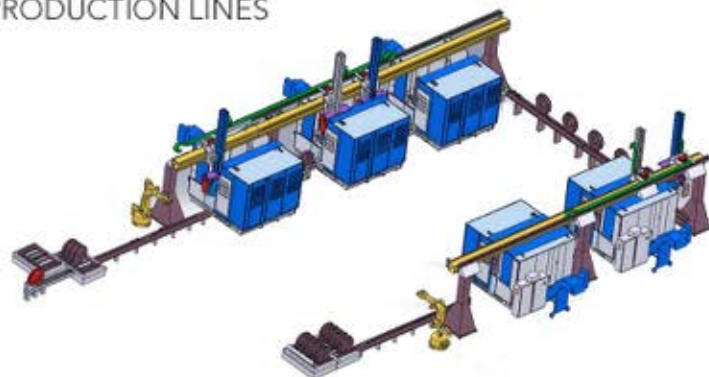
BARDONS & OLIVER

Buckley Owens specializes in applying automation to streamline workpiece flow. Whether you'd like to automate the loading and unloading of a single machine tool or improve the workflow of an entire production line, we can help. With dozens of successful installations in factories throughout the Northeast and 25+ years of working in the machine tool industry, we have the experience to develop a solution that precisely meets your needs.

SIMPLE INTERFACING TO YOUR EQUIPMENT.



FULL PRODUCTION LINES





BUCKLEY OWENS MACHINERY

THINK SMARTER.

Machines are getting smarter.
So should your company
LET US SHOW YOU HOW



Buckley Owens

Today's Challenge for manufacturers is the pressure is on to drive down costs in order to be more competitive and profitable. At the same time materials, labor, healthcare and other operating costs continue to rise.

Meanwhile finding skilled machinists capable of operating today's sophisticated CNC equipment is a challenge. For many manufacturers the best solution to reducing cost-per-part is the incorporation of various types automation. Buckley Owens can help you answer these challenges to streamline workpiece flow.

The result is improved throughput, reduced direct labor costs, consistent part quality and better deliveries. Whether you'd like to automate the loading and unloading of a single machine tool or enhance the workflow of an entire production line, we can help.



SERVICE, REBUILDING,
& REMANUFACTURING
FOR MACHINE TOOLS

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