



ATLANTIC MACHINERY ASSOCIATES

2021 - 2022

For All Your Metal Fabricating Machinery & Tooling Needs



**Metal Fabrication Equipment, Service, Parts & Tooling in
 MASSACHUSETTS • CONNECTICUT • NEW HAMPSHIRE
 VERMONT • RHODE ISLAND • MAINE**

Atlantic Machinery is committed to helping you find solutions to your fabricating needs by being a “World Class Supplier” that operates with integrity. Our mission is to be your “Solutions Partner” and add value to every interaction. We accomplish this by:

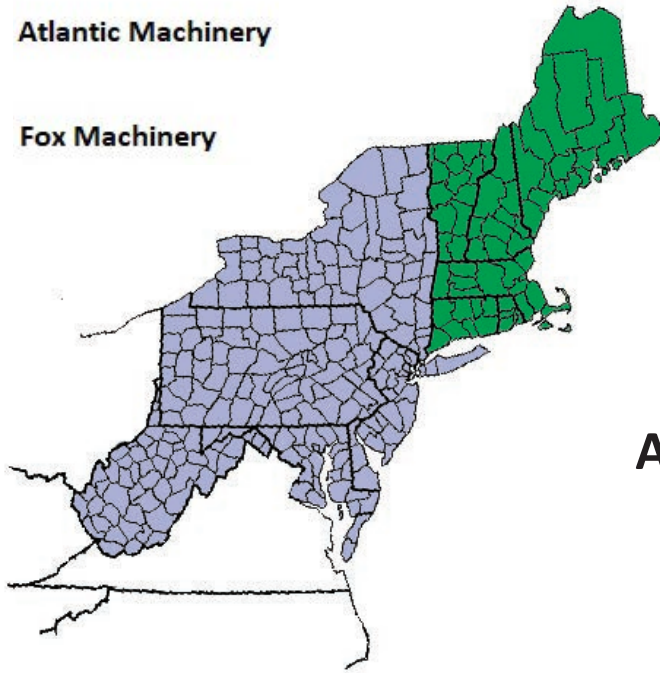
- providing consulting and application engineering services
- representing a variety of state-of-the-art machinery, tools, and automation
- keeping our customers abreast of the latest technologies
- providing efficient, continuing support and service after the sale



Your **Solutions** Partner.

■ Atlantic Machinery

■ Fox Machinery



Call our headquarters today
to schedule an appointment

603.382.1476

AtlanticMachineryAssoc.com



Blaise Van Sant

Sales Engineer
603.918.9141

Blaise@AtlanticMachineryAssoc.com

Chris Gagnon

Sales Engineer
603.702.8420

Chris@AtlanticMachineryAssoc.com

Serving Mid-Atlantic Region

Fox Machinery Associates

610.275.4700 FoxMachinery.com



**WEST VIRGINIA • MARYLAND • DELAWARE
PENNSYLVANIA • NEW JERSEY • NEW YORK**

ACCURPRESS

Accurpress will build a machine tailored to your needs.

Accell Hybrid

The Accell features **High Precision** and **High Speed Forming** designed to offer the ultimate in productivity and flexibility.



- Adjustable high speed forming
- Generous open height, stroke, and throat depth
- Four-point ram guiding system
- Vision or Vision 3D control systems
- Premium, Elite, and Supreme Backgauge Systems
- Custom configurations for your applications
- Up to 6-axis backgauge



**Options from
60 to 285 tons**
in Single & Tandem
Configurations

Advantage

"The Most Productive, Easy-To-Use, Hydraulic Brake on the Market"

The Advantage is the perfect forming system that combines performance and accuracy to assure flexibility and productivity in an affordable solution.

- **#1 selling press brake in North America**
- ETS 200 or ETS 3000 CNC control
- Premium backgauge system 5-axis capability
- Custom configuration options available

**Options from
25 to 1500 tons**



Accurpress

Accell E & U

With a high-quality build, an impressive number of features, options, and upgrades; along with competitive pricing and advanced controls, this is your first choice in Y1/Y2 machine technology.

Options from 75 to 550 tons in Single & Tandem Configurations



- Vision Control or ETS3000; Moses upgrade available
- CNC Gauging System with four upgrade options
- CNC crowning die holder
- WILA ram hydraulic clamping
- Generous ram open height/stroke length
- Robot integration available

Accell U upgrade package with nine options, including:

- Double speed forming pressure
- Material thickness sensing & pressure compensation
- Additional stroke and open height
- Teach crowning

High Tonnage

Accell HT

***Rugged builds,
Oversized components,
Powerful gauging devices***

- Available up to 3000 tons
- Single machine bed lengths up to 40'
- Tandems up to 60'
- Option for custom open height, stroke, and throat depth
- Front and rear gauging available for pole bending applications
- High tonnage features
- Two complete Independent Hydraulic Packages mounted on exterior of side housings
- Back of machine clear of obstructions eliminating forming concerns with huge plates
- Soft start voltage
- An optional crane may be mounted on top of side frames to assist with handling of large parts



Controls

ACCURPRESS



Vision Control

- Press brake control that is revolutionizing metal bending technology
- Import 3D files directly from SolidWorks & Inventor
- Instantaneous bend sequencing
- Interactive touch screen
- Lock critical flanges
- Multi-mode programming



Moses Control

- Use the ram as a touch screen
- Complete Vision functionality
- Run in full 3D
- Tool layout
- Part blank confirmation

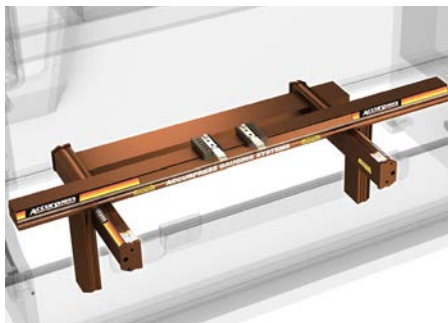
Not available on the Accurpress Advantage



ETS 3000 Control

- Graphic programmable control
 - Accell E - 7-axis
 - Advantage - 5-axis
- 15" TFT active matrix touch screen control
- Intuitive control - easy to operate
- Tooling library & material database
- Unlimited program storage
- 2D graphical programming
- Material calibration library

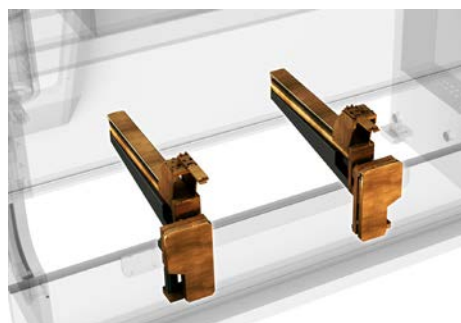
Backgauge



ACCURPRESS
Premium

- 4-axis
- Available for all models

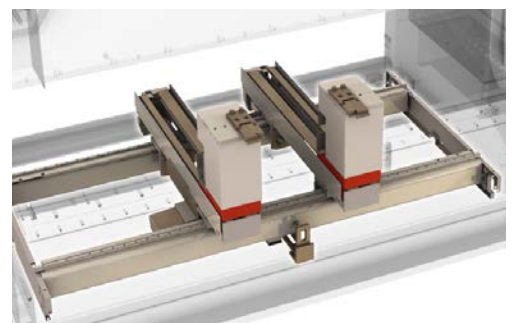
Offered with the ETS3000 control and is available as an optional gauge with the ETS100 and ETS200 on all Accurpress models. Available in 6' to 24'.



ACCURPRESS
Elite

- 6-axis (X1/X2, R1/R2, Z1/Z2)
- Available for all Accell models

Offers a complete range of gauging motion. The precision fingers are machined with three gauging positions that provide 49" of supported gauging. Available with rear Sheet Follower Support System.



ACCURPRESS
Supreme

- 6-axis (X1/X2, R1/R2, Z1/Z2)
- Available for all Accell models

Designed for applications demanding the most complex sheet metal parts and in high-production shops. High acceleration and deceleration speeds provide versatility during production runs and complex bending routines. Includes Rear Interlocked Gate.



automation systems & robotic bending

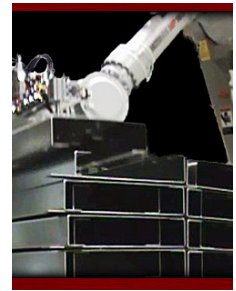
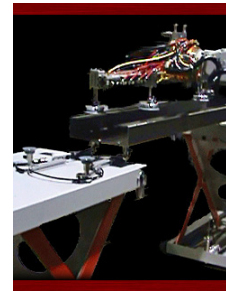
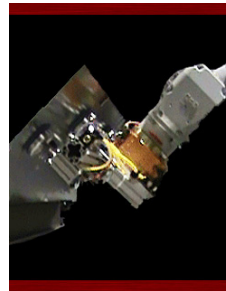
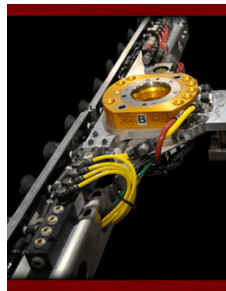
Designed for unmanned production.

Intelligent subroutines make programming easy.

Problem solving integration.

Customizable automation.

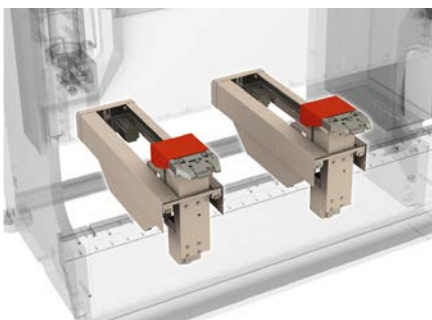
- AUTO GAUGING
- TOOLING CHANGING
- ROBOT GRIPPER CHANGING
- PART FOLLOWING
- MATERIAL THICKNESS DETECTION
- AUTO REPOSITIONING TABLES
- LOADING & UNLOADING



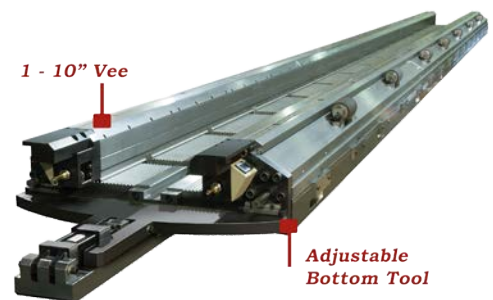
High Tonnage Options Built Exclusively by



High Tonnage



Adjustable Power-Lock Die



Titan Backgauge

- Specifically built for high tonnage
- Available for larger Accell E and U models
- Rated for 65,000 lbs. static load & 20,000 dynamic load capacity
- Up to 6-axis gauging

Go from a 2" to an 8" vee in seconds

- Automatic vee opening adjustment
- Optional angle measurement system
- Optional crowning capability
- CNC functionality



North America's
#1 Shear



DISCOVER SHEAR POWER

AccurShear is a combination of simplicity and a strong, proven design that thousands of customers across North America have come to rely on.



Exceptional Standard Features:

- Highest shear rating capabilities
- Adjustable blade clearance
- Maintenance free bearings
- Lowest fixed rake angles
- Quality shearing knives
- 4-edge blade
- Power operated backgauge with pre-select position
- 4-foot squaring arm
- Shadow light
- Adjustable stroke length
- Variety of hand and foot controls

Optional:

- CNC Front Gauging
- Sheet Support
- Conveyor/Stacker
- Auto Sheet Feeder

CNC FRONTGAUGE/ARMS

Accurpress also offers an economical CNC frontgauge system, including optional lengths for the Squaring Arm and Front Arms, to enhance shearing applications.

ACCURVEYOR

The Accurveyor increases efficiency by accurately and conveniently conveying plates onto a stacker for quick removal.





OMAX® ABRASIVE WATERJETTS

Waterjet Cutting



World's #1 largest supplier of "standard" abrasive waterjet systems; leading the industry in table size, drive systems, software, pump efficiency, flexibility, and customization.

- 16 standard table sizes and over 40 size possibilities/combinations
- Standard models with beds from 2'x 2' to 26'x13'
- Free software upgrades on the OMAX machine platform
- Only designer of the innovative Direct Drive Variable Speed Enduromax Pump
- Greater pump efficiencies result in faster cutting speeds
- Longer work time between maintenance
- Use far less water than Intensifier pumps
- Vast reduction in oil need & usage

STANDARD FEATURES AND CAPABILITIES



CUTTING

3-Axis	Motorized Z	Motorized Z	Motorized Z
5-Axis	AJet, Tilt-AJet	AJet	
6-Axis	Rotary Axis with AJet, Tilt-AJet		
Cutting Nozzle	MAXJET 5i	MAXJET 5i	GlobalMAX Nozzle
Cutting Bed Sizes	2'5" x 2'2" to 46'8" x 13'4"	2'7" x 2'6" to 20'6" x 10'2"	2'7" x 5'0" to 13'3" x 6'8"
Cutting Bed Weight Capacity	400 lbs/sq ft	300 lbs/sq ft	100 lb/sq ft
Ballbar Circularity	±0.0025" to ±0.005"	±0.005"	±0.007"

DRIVE SYSTEM

	Intelli-TRAX Drive, Patented Linear Drive	Intelli-TRAX Drive, Patented Linear Drive	Proprietary Omega Drive
--	---	---	-------------------------

TAPER COMPENSATION

	Tilt-AJet & AJet	AJet	
--	------------------	------	--

SOFTWARE

	Intelli-MAX Premium	Intelli-MAX Standard	Intelli-MAX Global
--	---------------------	----------------------	--------------------

PUMP

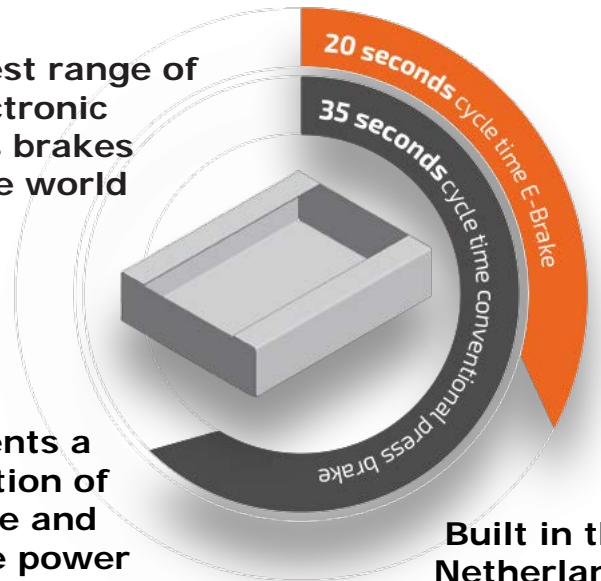
Standard Options	30HP EnduroMAX	20HP MAXIEM Direct Drive	20HP GlobalMAX Direct Drive
	40HP EnduroMAX	30HP MAXIEM Direct Drive	30HP GlobalMAX Direct Drive
	50HP EnduroMAX	40HP MAXIEM Direct Drive	
	100HP EnduroMAX	(EnduroMAX Optional)	



**THE MOST PRODUCTIVE
PRESS BRAKE AVAILABLE**



The widest range of
electronic
press brakes
in the world



Represents a
combination of
expertise and
innovative power

**Built in the
Netherlands
to Exacting
Precision**

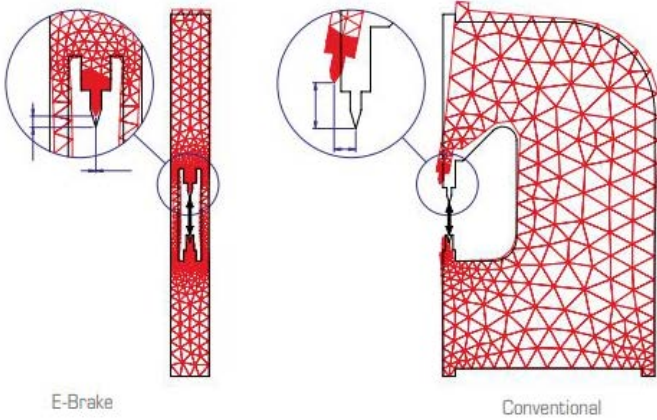


- Bending lengths ranging from 49" to 162"
- 35 to 300 ton models
- Integrated light curtain that doesn't slow production
- Up to 50% energy savings, low CO2 emissions
- Hydraulic oil not needed
- Noiseless operation
- Optional 2D simulated control via control panel
- Optional automatic tool changer
- Optional robotic integration
- Full working length backgauge
- User friendly touch screen control



**Ergonomic Implementation Option
(for E-Brake 35T and 40T models)**



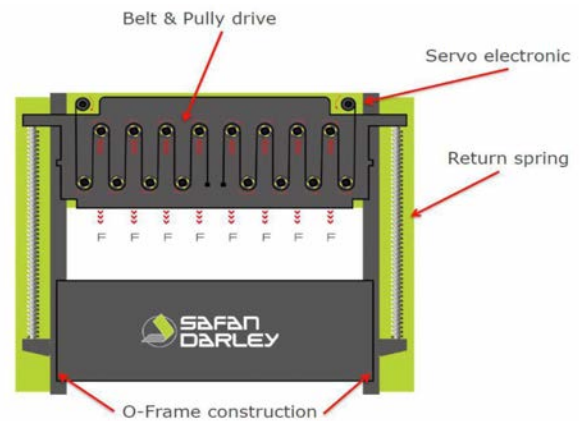


SERVO-ELECTRIC BENDING



- Full electric drive
- More than 30% higher productivity
- Up to 50% energy saving
- Low CO2 emissions
- No harmful hydraulic oil
- Noiseless operation
- Full working length backgauge
- User friendly touch screen control

The unique roller drive system in the upper beam ensures a **uniform and even distribution of forces**. A balanced combination of powerful electro-motors, fixed and movable rollers, and specially developed belts facilitate capacities of up to 330 US tons. The flexible belts, which are 3 mm thick and 100 mm wide, are reinforced with steel wires and coated with hard polyurethane. This advanced technology has been extensively tested in the demanding elevator industry. The mechanical drive is so trusted and reliable it comes with a five-year warranty on the system, when combined with an annual service contract. The special construction of the SafanDarley E-Brake also contributes to the **even absorption of large forces**. The O-frame acts as a single unit and deformation is kept to an absolute minimum. It is more stable, stronger, and **produces less deformation than a conventional C-frame**.



SERVO-ELECTRONIC DRIVE WITH SINGLE PULLEY SYSTEM



**SPEED,
RELIABILITY,
& PRODUCTION**
SafanDarley has it all

ELECTRIC SHEARS

- Energy saving hybrid drive, low CO2 emissions
- User friendly touch screen control
- Return-to-Sender sheet support
- Torsion free cutting of small strips
- Scrap separation
- Fully automatic adjustment of cutting angle and clearance
- Robust hydraulic system
- Increase product capacity on a shear up to 40%
- Operation of a single operator
- Single-belt conveyor with pneumatic sheet support arms
- Scrap sorting system
- Right-angled stacking
- Guarantees high cutting quality over the full length



CONVEYOR & STACKING

Cutting Systems

MetalMaster 2.0



- Compact size
- Cutting width is 5'; cutting length is 10'
- Cuts mild steel, stainless steel, and aluminum
- Plasma options available: Hypertherm Powermax 125, XPR170XD, or XPR300
- Turbo Flame™ Oxyfuel torch
- Oxyfuel options available: Turbo Flame™
- Positioning speeds of up to 1300 IPM
- Integrated cutting table with optional dust and fume extraction
- Fast torch CSL lifter 1180 IPM with CNC controlled Z-axis for process optimization

Edgemax

- Tool coverage 6'x12', 6'x24', 8'x12', 8'x24', 10'x12', 10'x24'
- Unitized frame
- Plasma and oxy capabilities
- Positioning speeds up to 1700 IPM



MetalMaster Evolution



- Machine width options: 6', 8', and 10'
- Cutting length can expand in 5' increments, up to 50'
- Machine motion accuracy is an exceptional +/- .002" over any 6' X 10' area
- Positioning speeds up to 2000 IPM
- Uses an aluminum beam extrusion for extra stability and support
- Many optional processes available: plasma beveling & oxyfuel cutting, drilling up to 3/8", marking, pipe and tube cutting, and material handling
- Slagger self-cleaning table

MetalMaster Xcel

The fastest and most accurate plasma machine available

- One of the most accurate machines on the market
- Machine width options: 6', 8', and 10'
- Rugged high-compliance dual drive gantry
- Dual fiber laser/fiber/plasma combination
- Beveling capabilities
- Slagger self-cleaning table
- Material handling options available



INDUSTRY LEADER

Plasma, Oxyfuel, Drilling, & Laser Machines

Plate Master II



- Machine width options: 8', 10', 12'
- Machine lengths 10' to 80'
- Travels at a rapid speed of 1000 IPM

Titan III



- Cutting widths 6' to 16'
- Cutting lengths up to 150'
- Up to 8 torch stations
- Auto torch spacing
- Beveling
- Drilling up to 1/2"
- Marking
- Multiple processes available

- Increased productivity using high speed motion and dynamic tuning techniques
- Torch path movements at speeds up to 71 m/min (X - Y combined)
- Precision helical rack and pinion drive system guarantees a smoother, vibration free tool path motion
- Large format 18.5" touch screen and re-designed HMI
- Maximum customer flexibility
- Simplified rail installation
- Global Lifter with lightning fast speeds of 500 mm/sec stroke speed, combined with positional feedback, enables the torch to be instantly available to start the next cut, which increases the machine output

Global



MPC2000 (MC)



- Multi-process cutting machine
- Can be equipped with multiple carriages and up to five separate processes
- Drilling up to 2.5" diameter, tapping up to 1.5" diameter, and milling
- Tool storage for up to 24 tools
- Includes linear motion ways and state-of-the-art AC servo drives
- Tool Coverage: widths from 12' to 28', lengths from 6' to 200'

TMC4500 DB

- Cutting widths from 12' to 28'; lengths up to 200'
- Drilling up to 4" diameter and tapping up to 1 1/2" diameter
- Dual massive gantry process beams provide superior bending, milling and torsional strength for any tool combination selected
- Precision Linear Y-Axis way system with wide spacing to provide rigid support of any process tool
- Control Slide mount with optional glare curtain
- Positioning speeds up to 1,400 IPM



The Next Generation of Laser Technology

Fiber Lasers



Optiplex Fiber: Options up to 15kW configurations, 5'x10' or 6'x12' applications

Optiplex Champion Fiber: up to 5'x10', 2kW or 3kW

- Economical solution for reliable laser cutting in low variation environments
- Features an easy-to-use Manual Focus Torch for reliable operation and production consistency

Optiplex Nexus: 5'x10' standard, up to 7kW

- Superior edge quality, more stability, and greater throughput for a wide range of alloys
- Includes automatic torch setup, auto nozzle changing, auto focus position, focus detection, auto profiler calibration, auto nozzle cleaning, beam diameter control, & pierce/plasma/burn detection



OPTIPLEX NEXUS
3015 FIBER S7

NEW TECHNOLOGY Revolutionary **VARIABLE BEAM PARAMETER PRODUCT** better controls the laser beam for superior cut performance

V-BPP shaping technology delivers optimal thick and thin metal cutting, higher cutting speed, superior edge quality, and improved piercing time. Select from high-intensity, small-spot-size beam to large, donut-shaped beams, and everything in between.



Direct Diode Lasers

Optiplex DDL: 4kW or 6kW, 5'x10' or 6'x12'

- Includes: auto nozzle changing, auto focus position, focus detection, auto profiler calibration, and auto nozzle cleaning, pierce/plasma/burn detection, and lens monitoring

CO2 Lasers

Optiplex II: Options in 2.5, 4, and 6kW
Configurations at 5'x10' or 6'x12'

Optiplex Nexus: Standard with a 2.5kW option, at 5'x10'



Super Turbo Hybrid: Options in 2.5 and 4kW
Configurations at 4'x4', 4'x8', or 5'x10'

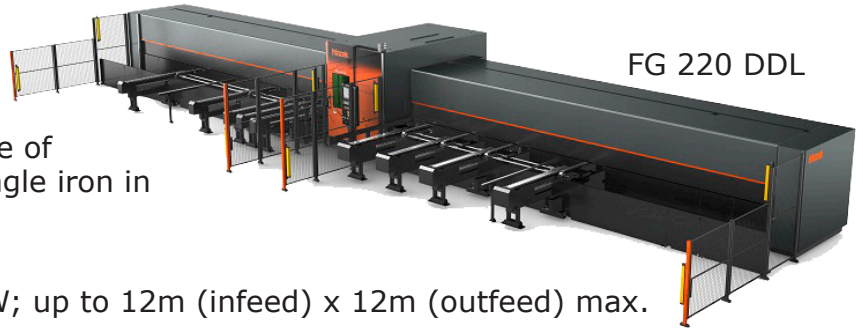
- Setup features: auto nozzle changing, auto focus position, focus detection, auto profiler calibration, and auto nozzle cleaning
- Monitoring features: pierce detection, plasma detection, burn detection, and lens monitoring

Super Turbo-X: Four model options to choose from



FABRI GEAR Tube & Structural Laser Systems

- Includes program controlled loading, workloading, and unloading
- 3D laser-cutting precision reducing secondary processes
- Features a powerful 6-axis laser - capable of processing I and H beams, C-channel, angle iron in mild or stainless steel
- Optional tapping head



FG 220 DDL

3D Fabri Gear 220 CO2 III - 2.5kW & 4kW; up to 12m (infeed) x 12m (outfeed) max.

- Rapid traverse rate of 3,937 IPM
- Processes round pipe up to 8.6" in diameter

FG 220 DDL - 4kW

- Maximum Workpiece Length: Loading 26.5', Unloading 26'
- Maximum Material Diameter Round 8.66", Square 6.00"

3D Fabric Gear 400 - 4kW - up to 15mx15m maximum

- Options available with 2.5 kW or 4.0 kW resonator
- Processes round pipe up to a 16" in diameter

FT-150 Fiber Tube Laser

Production Tube-Cutting Technology

- Includes an agile U axis to facilitate high-speed and high-productivity for small to medium diameter tube production
- Features 2.5D torch with focus detection
- Comes standard with a 6.5 meter bundle loader
- Options include:
 - Friction stir drilling and tapping option
 - Spatter guard



Take advantage of Optiplex's speed...
keep up with your machine using

Load/Unload Automation

- Significant reduction in lead times
- Space saver options
- Makes one-piece flow more practical
- Produces short-run efficiencies that reduce non-value-added fabricating time
- Averages a 50% increase in capacity (compared to standalone machines)
- Allows for lights-out operation



Endless layout configurations available to suit your shop

**DEBURRING AND FINISHING MACHINES
CUSTOMIZED TO SUIT YOUR APPLICATION**



EZ Sander



1000 Series



3000 Series

KEY FEATURES:

- Wet and dry machines
- 13" to 64" widths available
- Up to 4 head configurations
- Paper media filtration system
- Electronic thickness adjustment
- Automatic belt tracking
- Simple to use
- Easy to maintain

Plate & Angle Rolls

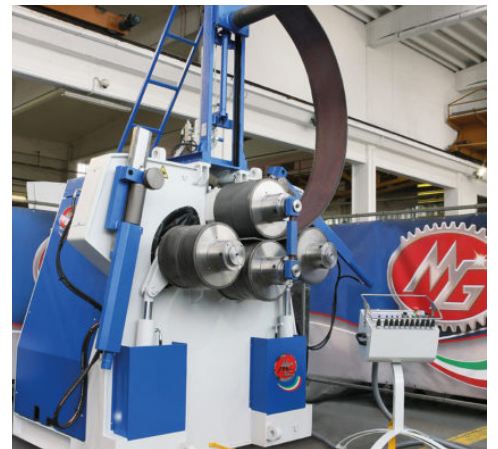
- 4, 3, and 2-roll options
- Reduced pre-bending part compared to traditional bending machines
- Parallelism of the side rolls is controlled by a torsion bar system that eliminates the disadvantage of delicate and unreliable encoders
- Standard planetary gearboxes directly coupled on the rolls
- Designed to focus all the machine force onto the bending process
- EVO Control - wireless communication, interconnection, data collection and analysis, as well as the visualization of the desired shape in 3D graphics

Plate Bending



Section Bending

- 6, 4, and 3-roll options
- Operate both vertically and horizontally
- Option to bend profile in two directions (forming and "S")
- Mechanical configuration mimimizes the flat section at the ends of the profile
- CNC automation upgrades available
- Each component is pre-lubricated and sealed according to an exclusive system that guarantees lifetime lubrication



**World Leader in
the Production of
Bending Machines**



**NORTH AMERICA'S LARGEST
MANUFACTURER AND INDUSTRY
LEADER OF BANDSAWS**



M-Series



V-Series

-
- S-Series Mitering Bandsaw.....Medium miter capacity saw
 - M-series Mitering Bandsaw.....Large capacity and high duty-cycle mitter saw
 - H-series Double-Column Bandsaw.....Large capacity saw ideal for solid production cutting
 - V-Series Bandsaw.....Vertical saw capable of double mitering up to 60 degrees
 - C-Series Coldsaw.....Coldsaw available in manual, automatic, semi-automatic models with mitering from 90°, 45° right & left, 60° left and 45° tilted head
-



H-Series



S-Series

Models are available in Semi or Fully Automatic



Evolution Series

The ultimate in folding flexibility and speed

- The EVO folder allows for an Inside Bend Radius (IBR) of less than material thickness and flange lengths of 3X material thickness or less.
- Offered standard stroke and opens of 33 1/2" , and up to 63 1/2" as an option
- Bending speeds up to 150° per second, and clamping beam speeds approaching 300 IPM
- Work around space up to 200mm for up and down
- Bending without the need to clear a flange in the up/down folding process is standard.

Powerbend Series

- The Powerbend Series is a series of mono and bidirectional folders that are quickly changing the relationship between high-tech competency and high cost
- Unique to the PowerBend is its ability to be configured, and reconfigured. Starting with the frame, options are simply bolted on, growing capabilities, expanding flexibility, and when done, the end user has a folder perfectly suited to the application.



CNC Punching

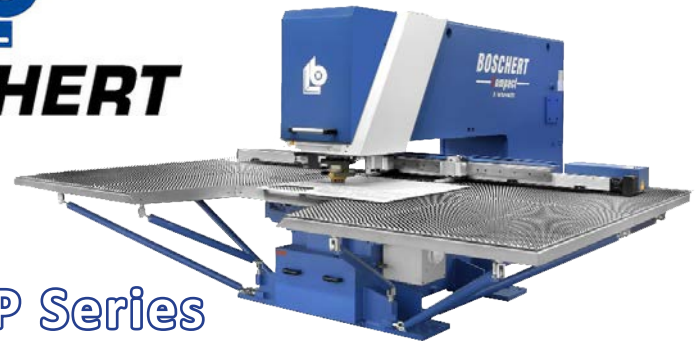


BOSCHERT



MP Series

- Open C-frame construction
- 36 ton capacity
- Working ranges to 60" x 120"
- Tool sizes to 4" round
- Automatic Tool Change in under 5 seconds
- 8-Position ATC carousel for single or multi-tools
- Full rotation to ram standard
- 800 strokes per minute punching
- Automatic repositioning standard
- RevoTool multitool solution available (up to 64 tools possible)



CP Series

- Economical start to CNC punching
- User-friendly graphic programming
- Heavy duty C-frame construction
- Automatic repositioning & turning of sheets
- Working range: 30" to 120"
- Punching force: 36 or 50 tons
- Punch diameter: up to 4"

A WIDE RANGE OF SOPHISTICATED CNC SHEET METAL PUNCHING MACHINES OFFERING THE BROADEST AVAILABLE SELECTION OF MODELS AND SIZES, EASILY CUSTOMIZED TO YOUR APPLICATION.



INNOVATIVE STRUCTURAL EQUIPMENT FOR INCREASED PRODUCTIVITY

- CNC Single Spindle Drill
- Drill & Coping System
- Angle Line
- Drill Line

Ficcep Valiant Multiple Spindle Drilling Line

- NEW - Auxiliary axis with 11-3/4" stroke: the Scribing/Drilling units move independently within their sub axis without limiting other axis
- 14-position tool changer
- Auxiliary axes with 11-3/4" stroke
- Double vices and dual alignment systems for improved material clamping
- Direct Drive spindles - deliver 100% of the motor's power to the tool for enhanced drilling performances
- Simultaneous drilling on all three surfaces, marking on all four surfaces
- Can easily be interfaced with FICEP band saws and coping robots to create an extremely productive integrated work cell



Angle Line

CNC Angle Processing line for
Structural & Miscellaneous Shapes

- 14 models available
- Process angles, channels and flats
- Punch, drill, mark, notch, and shear
- Roller or grip feed options



Ficcep Excaltiber Single Spindle Beamline Ideal for Smaller Fabricators or Workshops

- Versatile sub axis lets you mark, mill, tap, and create layout lines for the saw to cut smaller sections
- Highly productive, low cost investment
- Precision movement of high speed spindle head
- Allows drilling, tapping & milling operations with through spindle coolant feature



Ironworker



*Highest customer satisfaction
and the highest resale value in the
hydraulic ironworker marketplace.*



- Nine easy-to-use models
- Range from 50 to 140 tons
- Single-operator and dual-operator models
- Versatile with a wide range of tooling & attachments
- Quick change tooling
- Industry leading cycle times
- Urethane hold downs
- World's best coper notcher
- Low rake angle and high power gives you the highest quality sheared edge

**METAL FAB INDUSTRY'S
#1 BRAND OF IRONWORKER**

Cold Saws & Ironworkers



COLD SAWS

Cutting turns the blade at a very low RPM giving a FAST, precise, burr-free cut without heat or sparks

- Over 20 models to choose from
- Ferrous and non-ferrous machine options
- Manual to fully automatic options
- Capable of cutting straight or angled cuts
- Advanced Feed System, with programmable stop feature can turn any semi-automatic machine into a fully automatic production machine

HYDRAULIC IRONWORKERS

Save time, increase productivity, eliminate waste and create clean smooth cuts and holes

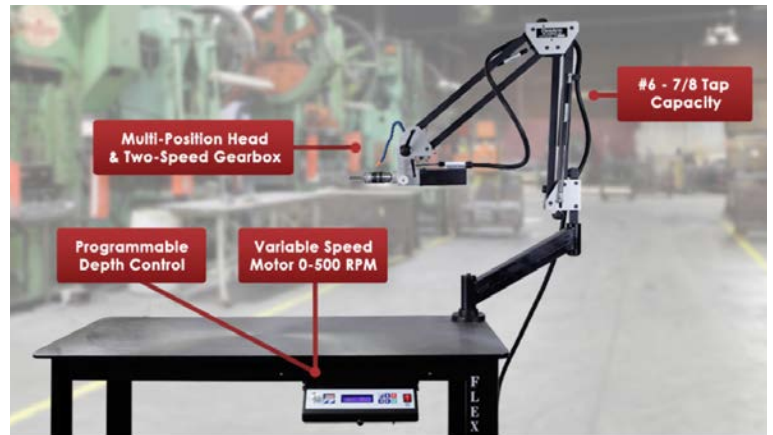
- 3 styles: Component Tool Table, Fully Integrated & Dual Operator
- 45 to 150 ton models - all come with a standard 3-year parts warranty
- Two-pump hydraulic system to ensure full hydraulic pressure and speed when two functions are running at full capacity
- Accessories include stock and custom tooling, conveyors and measuring systems





Tapping

When your machining center isn't milling, drilling, or boring it's costing your company money. Tapping is an inefficient and costly CNC operation best done by a FlexArm. Using the FlexArm in conjunction with your machining center saves money, time, tools, and materials.



Pneumatic Tapping Arm

options include:

- Reach: options ranging from 11" to 72"
- Tap Capacity: options ranging from 0 to 7/8"
- Max Torque: 28ft/lb. or 63 ft/lb.

The **Hydraulic Tapping Arm** is the most industrial tapping arm on the market, with a capacity of up to 2".

- Digital depth control
- Speed control inverter
- Integrated tap lubricator

INQUIRE ABOUT THE NEW ELECTRIC TAPPING ARMS



Filtration



- Closed Loop Water Filtration Systems
 - Garnet Removal Systems
 - Weir Tanks
 - Chiller Applications
 - Portable Filtration
 - Coolant Filtration
 - Grinding Oil Filtration
 - Evomatic Central Filtration
- and more!

Measuring



PD100
Auto Stop/Pusher System

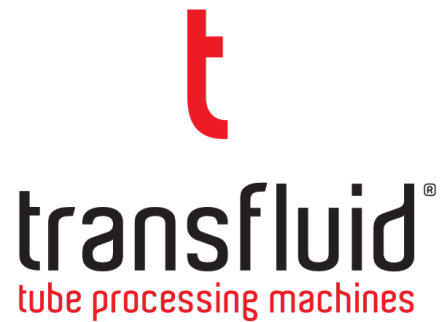


Save time and money with quick and precise positioning. Equipped with a rack and pinion drive and a high-accuracy, non-contact linear encoder. The industry's most rugged, long lasting and accurate automatic gauging solution is ready for integration with any new or existing production and fabrication equipment.

Other available machinery from Kentucky Gauge:

- Automatic/Semi-Automatic Stops & Pushers
- Manual Length Stop Gauges
- Measuring Machines
- Turnkey Systems
- Conveyors & Tables

the best result for
the **success** of your ideas



Compact Mandrel
Bending Machine

MB 642 mobile bending

Uncompromising, versatile and simply excellent – as a bend-only machine or the MB 642 with optional functions for bending on the object. Inner and outer de-burrer, assembling unit for all popular connection systems (cutting ring, flaring, etc.) and metal circular saws.

mandrel bending

With its versatile and efficient range of tube bending machines, transfluid[®] offers unlimited bending freedom for every application. The range includes mobile tube bending machines, compact and stationary mandrel bending machines as well as high-performance CNC tube bending machines.



CNC Mandrel Bending Machine
for Large Pipe Diameters

solutions for tube

Inquire for more information on the full line of tube machining systems, including: manual, CNC, stationary and mobile machines for bending, forming and cutting.



Is a **Plasma Tube Processing Center** the right fit for your shop?

- Have 80 hours per month sawing, notching, drilling, grinding, and shaping?
- Cut material and parts that have to be right the first and only time?
- Would a 75% reduction in pre-weld labor costs expand your market share?
- Would a consistent fit and edge prep help keep your team welding?
- Is consistency important to your overall product performance and sales?
- Would standardizing your products help you manufacture and sell more?



2400 Series



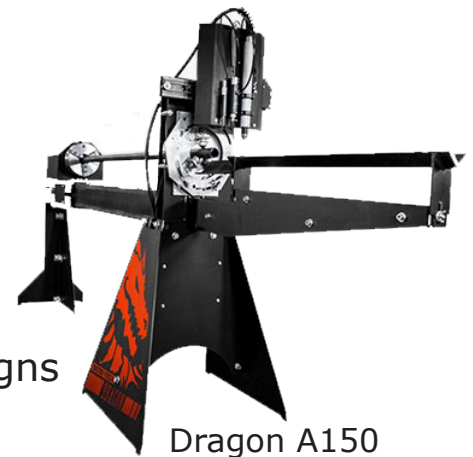
2100 Series

- Cut any combination of diameters and intersection angles with no tooling changes
- Eliminate manual measuring, sawing, notching, drilling, deburring, & repetitive handling
- Options to cut rectangular tubing, flat stock, and angle up to 4"
- Simultaneously produce holes, slots, and other features without drilling or punching
- Program parts about as fast as you can organize your cut sheet for the saw
- Integrated batching and nesting

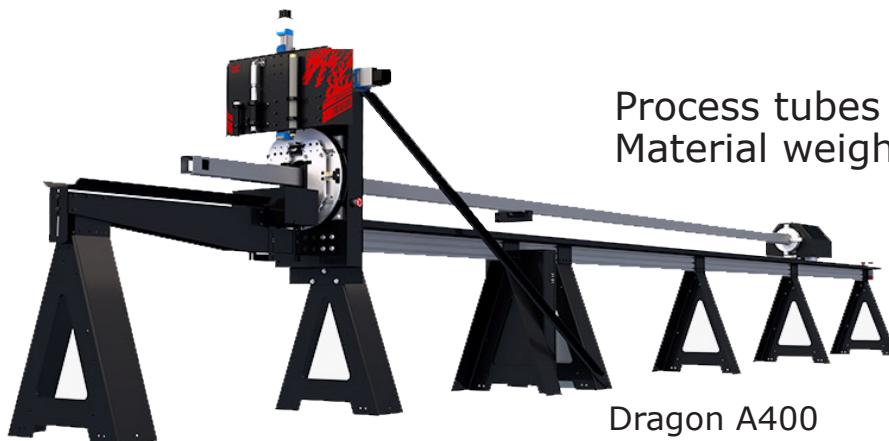


*PRODUCTION GRADE
CNC Tube & Pipe
Plasma Cutters*

- Cut round, square, rectangle, angle, & channel
- Automated toolhead marks, engraves, cuts & aligns
- 4-axes driven by brushless DC electric motors



Dragon A150



Dragon A400

Process tubes up to:	A150: 12 feet	A400: 24 feet
Material weight up to:	150 lbs	400 lbs





Precision Ground Quick Change Tooling

- Quick tool change with "Safety-Click"
- All working surfaces precision ground to +/- .0004"
- CNC deep hardened tooling

Clamping Systems

- Integrated hydraulic clamping by hardened clamping pins
- Available for ram and bed
- The fastest tool changeover time
- Automatic clamping: seats, centers, and aligns tooling in less than eight seconds

Crowning Systems




















- Both CNC and manual
- Patented "WILA Wave" compensates for deflection
- Localized adjustments for compensation of tolerances

Ask about Retrofit options for your older press brake.



- Ironworker tooling
- 28xx style tooling
- **Fast** lead times
- Quality tooling

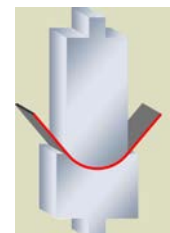


-  90° Forming Punches and Dies
-  Gooseneck Punches
-  30° Forming Punches and Dies
-  Flattening Dies
-  Offset Forming Dies
-  Hemming Dies
-  Radius Dies
-  Channel Dies
-  Wiping Dies
-  Tipped Angle Dies
-  Rocker Dies
-  Corrugation Dies
-  Standing Seam Dies
-  Curling Dies
-  Box Forming Dies
-  3-Way and 4-Way Dies
-  Adjustable Vee Die
-  Special Ram Adapters
-  Die Holders



Press Brake Dies, Inc.

Trusted leader in special & custom press brake tooling





DEVELOPING PREMIUM PERFORMANCE TOOLS FOR OVER 100 YEARS



High performance backing steel and optimized carbide grades give premium band sawing performance.

These band saws will cut faster and last longer than any other band saw blade in a wide variety of sawing applications.

- Carbide Blades**
- Bi-metal Blades**
- Carbon Blades**
- Band Saw Fluids**

Software

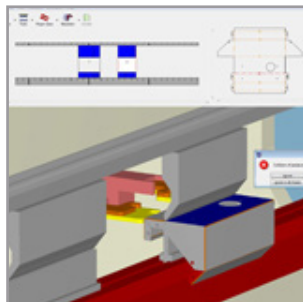
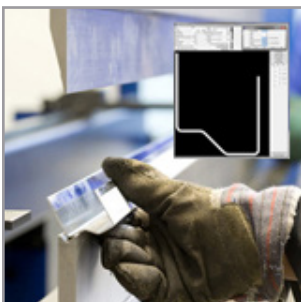


HEXAGON
MANUFACTURING INTELLIGENCE

RADAN

TOTAL CAD/CAM SOFTWARE SOLUTIONS FOR BENDING & CUTTING SHEET METAL

- Drag-and-drop data input
- Batch processing of DXF/DWG
- Smart order lead-ins
- Automatic hazard avoidance
- Intelligent tagging of components and scrap
- Automatic common line cutting



Tooling Storage



Stock and custom options for heavy-duty, industrial tool storage with lean manufacturing or security options.



- Industrial tool cabinets
- Change-over carts
- High performance mechanic workstations
- Heavy duty general storage cabinets

Trade Ins & Retrofits

Make room for accuracy, speed, and efficiency.



Consider trading in your current machine as a portion of purchase on a new machine.

Looking to increase production, tonnage, speed, accuracy?

Talk with a Sales Engineer about trading in your existing machine on a new machine.

Compile machine details and start a discussion with your Sales Engineer.

- Make/Model/Serial Number
- Year
- Length
- Watts/Voltage/Capacity
- Specs
- Condition
- Included items
- Operating system
- Pictures from all angles
- Availability

Why Retrofit Your Existing System

- Increase uptime
- Increase efficiency
- Adjust to increase in production demand
- Decrease lead times and production cost
- Ensure your machine is running to its fullest potential
- Create greater versatility in a machine currently operating well

The word "RETROFIT" is written in a bold, stylized font. The letters "R", "E", "T", "R", "O", and "F" are black, while "I", "T", and "I" are red. The logo is enclosed in a double-line border, with the inner line being red and the outer line being black.

Revitalize | Robotics | Reliability

Retrofit options include

- Operating system upgrades
- Operator assisted devices (backgauges, controllers, sheet followers, safety lasers, light curtains, conveyors)
- Fully automated robots

Upgrades are available for 24+ brands of metal fabrication equipment.

Contact your Sales Engineer to discuss available options for your machine. We can help identify challenges and recommend systems to meet your needs now and into the future.

Service & Support

Installs, Maintenance, Repairs, Upgrades

**Contact the
Atlantic Machinery
Service Department
at 603.382.1476**

We understand how vital your machine's up time is to your company's success. Atlantic Machinery Associates works tirelessly to ensure your satisfaction with every machine you purchase. Our goal is to provide the highest quality service to you and your machine. We offers honest, competitive rates with a goal to quickly evaluate, diagnose, and repair your machinery. Our technicians are factory-trained to provide timely and quality repairs.

- **New machine installations**
- **Preventative maintenance plans**
- **Control upgrades**
- **Spare parts inventory on all service vans**
- **Proficient with many makes & models**
- **Experience with obsolete machines**
- **On-site operator & machine training**
- **Demos with the latest fabricating technology**
- **Technology seminars to improve your workflow**

*We are always looking for ways
to better serve our customers.*

One way is to have more Qualified
Service Techs available to make sure
that you get the service you need as
soon as possible. If you or anyone you
know is interested in a career in service,
please contact our headquarters at 610.275.4700.
Mechanical, Hydraulic, and Electrical experience
preferred. *Your referrals are greatly appreciated!*

Hydraulic & Electric Press Brakes

Shears

DDL, Fiber, & CO2 Lasers

Plasma & Oxyfuel Cutting Systems

Waterjets

Sawing

Finishing Machinery

Plate & Angle Rolls

Pipe / Tube Cutting & Bending

Ironworkers

CNC Punching

Structural Equipment

Folding Systems

Filtration

Tooling

Controls, Software, & Safety

Robotics & Automation

and more!

Atlantic Machinery Associates

PO Box 533 • Plaistow, NH 03865

603.382.1476

AtlanticMachineryAssoc.com



©2021 Atlantic Machinery Associates