

AUTOMATED WELDING & CUTTING SOLUTIONS



AUTOMATED PIPE WELDING MACHINES



ORBITAL WELDING MACHINES



CNC PIPE & BEAM CUTTING MACHINES



AUTOMATED BEAM WELDING

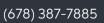
GSI MACHINERY

GSI Machinery is on a mission to "passionately serve those who build America's critical infrastructure". In order to strengthen our critical industry we are here to provide cuttingedge solutions for our customers to stay competitive in today's global market and labor force. Our solutions include:

- Automated Pipe Welding Machines
- Automated Structural Steel Welding Machines
- CNC Plasma Cutting Machines for Pipe, Vessels, Beams, Angle & Square Tube
- Fiber Laser Cutting Machines
- Plate Rolling, Beveling and Welding Solutions
- Orbital Welding, Cutting & Facing Equipment Rentals, Sales & Repairs

67159 Industry Ln, Covington, LA 70433 (678) 387-7885 www.gulfstatesindustrialinc.com



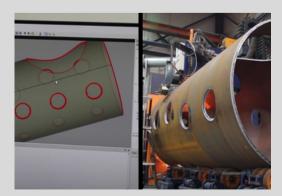




Pipe & Vessel Cutting









Automated Profiling

GSI sells and supports locally the HGG brand of CNC plasma pipe & vessel and beam profiling machines. Designed originally for vessel cutting, the HGG series of pipe cutting machines are super rigid, heavy duty machines. HGG's in-house software engineering allows on-going support for many years with no subscriptions.

Key Features

PC900RB

- 2"- 160"+ Pipe & Vessel OD Working Ranges
- Local Parts & Service in Houston, TX
- Floating Chuck to Compensate for Pipe Ovality
- Independent Lifting Wheels to Compensate for Pipe Bow
- In-House Software with No Subscriptions
- Auto Nesting for Fast, Efficient Cut Measuring
- Heavy Duty Chuck Construction
- Rigid Frame Construction
- Automatic Torch Height Control to Adjust for Pipe Ovality and Bowing
- Optional Pypeserver Software Available
- No On-Going Subscriptions or Fees
- Remote Software Flashing and Support Available 24/7
- Vessel Dome Profiling Capabilities

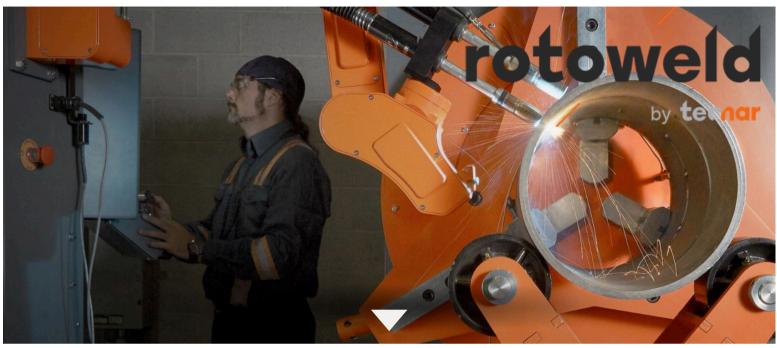
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Automated Pipe Spool Welding Rotoweld 3.0







Twin/Single Bay Setups

The Rotoweld can be setup with a single positioner or dual positioners. The positioners can be facing one direction or opposite facing. Machine lengths from 32ft - 120ft+ for pipe from 3" -48" OD.



Robotic Dual Torches

Dual torches allow for different weld processes for root and filler passes. GMAW, FCAW and SAW. No interpass cooling is required. Robotic arms self align and self distance from the pipe.



Al Software

Rotoweld has developed the industry's first Al-Driven software enabling the machine to make realtime weld adjustments with no operator input to account for fit-up misalignment. No Subscriptions are required.

ABOUT ROTOWELD:

Rotoweld has been developing and manufacturing automated pipe welding systems for over 30 years. Over the past 3 decades, they have fine tuned their machines to be the most durable, reliable and accurate automated welding systems on the market. With the development of **AI software**, the machine can make 100% x-ray quality full penetration welds from root-tocap with no operator manipulation, welding at a rate of **1min per 1in of OD pipe**.



Fast. Repeatable. Reliable.



Structural Steel Cutting



Typical Machine Layout with Material Handling



Full Range of Motion Allows for Intricate Cuts



Automated Nesting

Steel Coping Machines

GSI sells and supports locally the HGG brand of structural steel coping machines for processing beams, angle, box sections, flat plate and even pipe. Not only are these machines very versastile in their cutting operations, HGG's proprietary designs allow our robotic arms to reach and cut angles not previously possible. GSI sells several structural steel coping machine models from HGG and depending on your specific needs we can recommend the right machine for you.

RoboRail

- Designed for Job Shops
- Channel Sizes: 4 x 2 "- 18-6/8 x 5-7/8 "
- Beam Sizes: 4 x 2 "- 48 x 17 "
- Pipe Sizes: 4.5" 18"
- Angle Sizes: 3" 12"
- Box Section Sizes: 4 x 4 "- 24 x 16 "
- Flat Bar Sizes: 3-7/8 x 5/8 "- 16 x 1-5/8 "

Apex

- Beam Sizes: 4"x13" 30"x235"
- Pipe Sizes: 3" 24'
- Angle Sizes: <u>3"x3" 12"x12"</u>
- Box Section Sizes: 3"×3" / 3×1-1/2 16×16 / 24×16
- RPC 1200k3
 - Channel Sizes: 4 x 2 "- 18-6/8 x 5-7/8 "
 - Beam Sizes: 4 x 2 "- 48 x 17 "
 - Pipe Sizes: 4.5" 18"
 - Angle Sizes: 3" 12"
 - Box Section Sizes: 4 x 4 "- 24 x 16 "
 - Flat Bar Sizes: 3-7/8 x 5/8 "- 16 x 1-5/8 "





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ROBOTIC STRUCTURAL MACHINES FROM AGT

GSI Machinery sells and supports locally the AGT line of robotic automated structural steel welding machines. These innovative machines require ZERO programming with AGT's proprietary Cortex software you can import files from your CAD software and Cortex will automatically program and plan out all of your welds. The machine uses a Fanuc robotic arm with Abicor Binzel welding torches and a Lincoln power supply. The machine features AGT's patented SnapCam technology which allows the robotic arm to take a 3D image of each weld joint and make any needed programming adjustments for joint misalgnment, bevel inconsistencies and corrosion on the steel surface that would normally hinder a traditional robotic welding program.

KEY FEATURES

- Proprietary Cortex Software with Automatic Programming
- SnapCam 3D Imaging for Real Time Weld Program Adjustments
- Blok System Custom Fixturing for Different Work Pieces
- Twin Bay Setup to Allow Loading While Welding
- Fanuc Robotic Arms with Readily Available Parts
- Abicor Binzel Welding Torches and Consumables
- Lincoln Electric Welding Power Supplies

SCHEDULE A DEMO

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Orbital Welding

Closed Weld Heads 1/4" - 6.625in"



Touch Screen Wifi Power Supplies



Axxair Fusion Tube & Pipe Orbital Welding Solutions

GSI Machinery sells, rents, services and provides training for Axxair and Magnatech orbital welding products for fusion tube and pipe welding. We are available 24/7 for after sale support and training. Located locally in Houston, GSI is able to quickly source parts for servicing your equipment and providing rock-solid rental machines for your ciritcal projects.

Located in Houston, TX:







Service & Parts

Training

678-387-7885

Rentals & Sales



Orbital Welding

D-Head 1" - 14"



Power Supplies with Automatic Schedule Generation



MAGNATECH Orbital Pipe Welding Solutions

GSI Machinery sells, rents, services and provides training for the Magnatech and Axxair brands of orbital welding products for wire-fed tube and pipe welding. We are available 24/7 for after sale support and training. Located locally in Houston, GSI is able to quickly source parts for servicing your equipment and providing rock-solid rental machines for your critical projects.

Located in Houston, TX:







Service & Parts

Training

Rentals & Sales



678-387-7885

Orbital Cutting & Facing



Tube Facing Tools



Orbital Cutting, Facing & Beveling

AXXAI

GSI rents, sells, repairs and provides training for a variety of orbital cutting, facing and beveling tools. Pipe or tube weld preparation is absolutely vital in achieving consistent, high-quality orbital welds. Since the orbital welding machine is executing the same welding schedule repeatedly, the pipe or tube weld preparation and fit-up must be consistent in order to avoid introducing variables into the welding process that could negatively affect weld quality and consistency. These tools and machines are specifically designed to enable fitters to consistently achieve a precise fit-up.

Key Features

- Orbital Cutting & Beveling Saws up to 40" OD
- Orbital Saws Feature Concentric Clamping to Avoid Tube
 Deformation
- Orbital Saws Feature Interchangeable Beveling Module
- Tube Facing Tools for Tubing up to 8in OD
- Tube Beveling and Facing Tools for Pipe Up to 36" OD
- Esco Millhog brand of Pipe J-Beveling & Squaring Machines
- GSI Stocks and Sells Consumables for Orbital Saws and Facing Tools with 24-hour Availability

ID Beveling Tools

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Pipe Beveling & Flange Facing







Beveling & Facing

GSI sells, rents and provides training for several pipe beveling solutions from ID-Mounted portable machines to CNC pipe beveling lathes, we have solutions to fit your production needs and budget. We represent the Esco Millhog brand of ID and OD mounted portable pipe beveling, facing and counterboring machines which we offer as rentals as well. Our innovative flange facing tool allows pipe fitters to machine flanges back to spec in-place in minutes.

Key Features

- Esco Tool line of Portable Pipe Beveling, Squaring and Counterboring Machines for Pipe from 1/2" - 36" OD
- Pneumatic, Electric and Hydraulic Drives Available
- Simple User Friendly Machines Built to Last for Decades of Service
- Simple Easy to Learn Flange Facing Tool for 1" -10.39" ID Flanges with a 14" Overall Swing Radius
- Machine Flanges Back to ASME Spec in Minutes
- CNC Pipe Beveling Lathe for Fast Programmable
 Beveling
- Local Rental Inventory and 24-Hr Support

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SHEET METAL CUTTING





 Integrated De-Coiler

 Katto-Nesting

 Katto-Nesting

 Software

FIBER LASER CUTTING MACHINES FROM HSG

GSI Machinery sells and supports locally the HSG line of fiber laser cutting machines for processing sheet metal and plate. With new industry-leading cutting edge technologies like the integrated de-coiler, shear and flattening machine, HSG leads the industry in innovation within fiber laser cutting. HSG features inhouse designed and supported user-friendly software with easy to use design and nesting features. A multitude of cutting heads for sheet metal, plate cutting and tube cutting, light sources up to 40KW and table sizes ranging up to 120ft this is the industry's most versatile machine lineup.

KEY FEATURES

- New Proprietary Integrated De-Coiler, Shear and Flattener
- User Friendly Software with Auto Nesting Capability
- Automatic Nozzle Replacement
- Visual Edge Finding
- High Load Double Rails for Rigid Stable Cutting
- Optional Dual Cutting Heads for Increased Production
- Optional Material Handling Towers and Shuttle Tables
- Optional Robotic Material Handling Arms for Loading/UnLoading

SCHEDULE A DEMO

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Tank & Large OD Fitup & Welding

\$7







Growing Line Systems

GSI Machinery sells and supports locally automated pipe, tank and large OD fit-up systems referred to as "growing line" systems form LJ Welding as well as large column and boom welding manipulators to offer a complete large OD fitting and welding solution. These systems can save hundreds of man hours and produce a much more consistent fit-up and welding process.

WELDING AUTOMATION

Key Features

- Accommodates workpieces with diameters ranging from 24" to 240", offering flexibility for a wide range of cylindrical components
- Supports large cylindrical objects, offering reliable fit-up and alignment for vessels weighing up to 100 tons
- Minimizes crane usage, enhancing safety and efficiency during the fit-up and welding process for large cylindrical components
- Provides full-length support for tanks and vessels where regular turning rolls are insufficient, maintaining the structural integrity of cylindrical workpieces
- Column and boom welding manipulators for tanks and large OD welding with GMAW, FCAW and SAW processes. Up to 16ft x 16ft available with seam tracking and automation

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GSI Machinery LLC 67159 Industry Ln, Unit I Covignton, LA 70433

Bringing You the Best Machines in the World with Local Service & Support

GSI Machinery's Mission

GSI Machinery is on a mission to "passionately serve the people who build and maintain America's critical infrastructure". We do this by providing cutting edge innovations to help our critical fabrication shops and field crews get their work done faster and more effectively in the hopes that despite a dwindling labor force American businesses can remain competitive in a global market that seeks to outsource our most critical industries. GSI Machinery was founded on the principles of Honest, Integrity and Grit. Honest means we will never misrepresent our products to you. Integrity means we will do the right thing for the customer even if it does not directly benefit ourselves and Grit means we will be relentless in our efforts to service you, our valued customers who keep our critical infastructure online.



Welding Automation

Automated machines for pipe, tube and structural steel welding applications.



Cutting Automation

Automated machines for cutting, beveling and coping pipe, tube, beams, angle, box section and more.



Rentals, Training & Service

GSI stocks a rental fleet for orbital welding, portable machining and pipe beveling, facing and counterboring equipment. We offer services and training for all the equipment that we sell.







