GULLCO

**WORLD LEADERS IN THE DESIGN,
MANUFACTURE & DISTRIBUTION OF AUTOMATED
WELDING SYSTEMS AND ACCESSORIES**

CUT COSTS, IMPROVE QUALITY, AND INCREASE EFFICIENCY ...WITH THESE PROVEN GULLCO PRODUCTS

KAT® SYSTEMS

- Oscillators
- Torch indexers
- Flex & Rigid KAT® Programmable Travel Carriages
- Seam Trackers
- Bridge Units
- Circle Cutting System

MOGGY®

- Trackless Fillet & Butt Welding, Stitch Welding control
- Radial Oscillation Control
- 6” V-groove Track Available

WELD PREP

- Bevellers
- Positioners
- Grippers
- Kamel Pipe
- Turning Rolls

OVENS

- Flux Rebake
- Flux Holding
- Flux Hoppers
- Electrode Stabilizing

CERAMIC BACKINGS

- KATBAK® Ceramic Weld Backing
- Impart Uniform X-Ray Quality Back Beads
- Eliminate Costly Grinding & Re-welds
- Knuckle Joints for Use On Flat or Curved Surfaces

CONTACT GULLCO OR YOUR GULLCO DISTRIBUTOR TODAY FOR INFORMATION ON ANY OF THESE PRODUCTS

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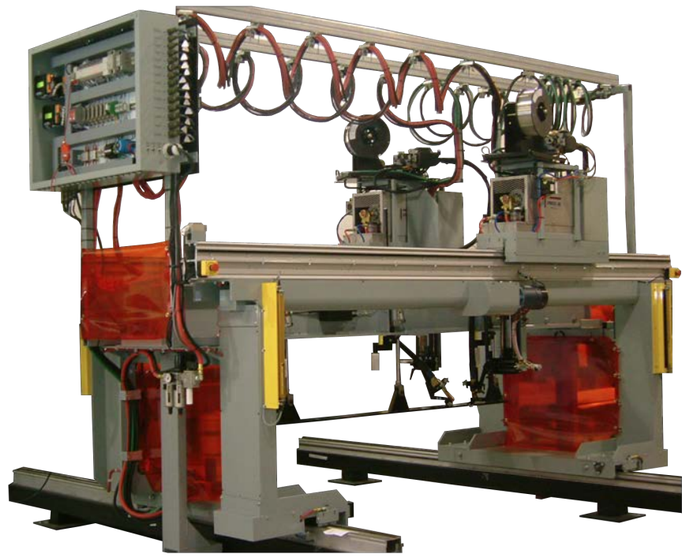
WELDING AND CUTTING AUTOMATION

GULLCO

CUSTOM GANTRY AND BRIDGE SYSTEMS

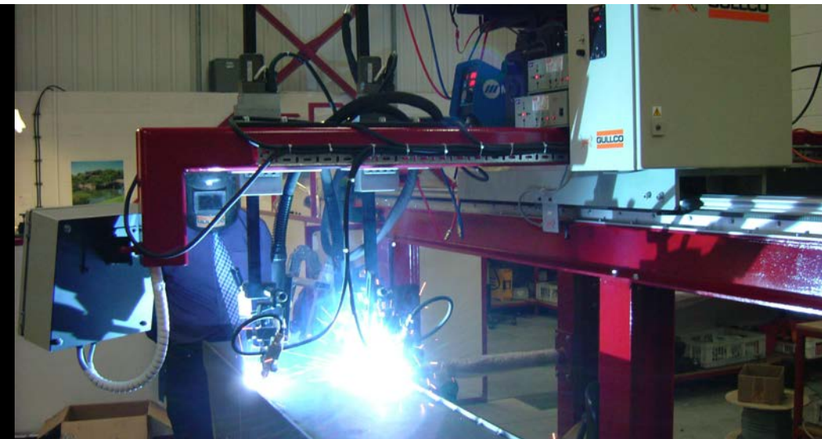


Gullco Gantry Units are custom designed assemblies that are used in a variety of applications such as automated seam welding, fabricated assemblies, stiffener seams and automated cutting operations such as stripping and edge preparation. **Gullco will custom design a gantry or bridge unit to meet your specific requirements.** A wide variety of custom design features and efficient, high end Gullco systems and components provide cost effective, reliable solutions for your welding and cutting automation needs.

Generate Accurate and Repeatable High Quality Weld Results

CUSTOM ENGINEERED TO AUTOMATE WELDING AND CUTTING OPERATIONS WITH PRECISION

GULLCO
WELDING AND CUTTING



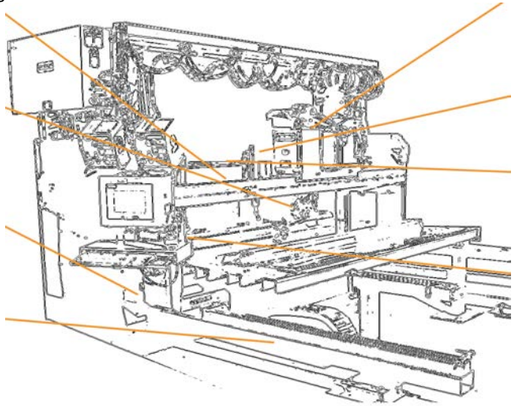
GULLCO GANTRY AND BRIDGE SYSTEMS

GANTRY BEAM - made from heavy duty track sections. spans range up to 18 ft.

WELDING GUN/CUTTING TORCH OR TOOL MOUNTING SYSTEMS - tailored to suit application requirements including mounting Seam Trackers, etc.

GANTRY SUPPORT CARRIAGES- Equipped with heavy duty cam type roller bearing assemblies.

LONGITUDINAL TRACK SECTIONS- interlocking design allows unlimited longitudinal travel.



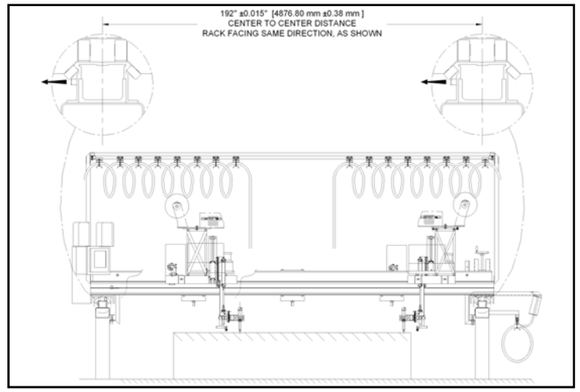
X-AXIS TRAVERSE CARRIAGE powered by Gullco KAT® 24volt gear motors.

Y-AXIS LONGITUDINAL DRIVE powered by Gullco low voltage, heavy duty drive systems.

CROSS DRIVE SHAFT- direct gear drive to each longitudinal track ensures accurate tracking of gantry.

CONTROL STATION- incorporates a touch screen 9460 industrial flat panel PC utilizing Citect HMI software to control functions such as automatic forward/reverse travel, variable speeds, automatic seam location/ tracking and automatic operation of weld guns.

TYPICAL GANTRY AND BRIDGE SYSTEM DESIGN



WELDING

This diagram shows a typical welding Gantry/Bridge unit design. The long tracks are located underneath the table providing protection. This also allows the work piece to be easily loaded at any point on the table as it is clear and easily accessible. The bridge unit can be equipped to automatically position and clamp the parts to be welded. It can also be supplied with mechanical, electronic or laser seam tracking equipment. Gullco can custom design a Gantry/Bridge system to meet your specific requirements.

LET GULLCO ENGINEER AND BUILD A GANTRY/BRIDGE SYSTEM FOR YOU

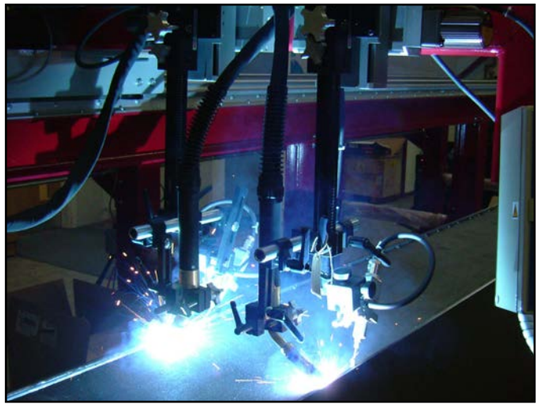
Seam Tracking is provided by Gullco designed vertical and horizontal tracking device.

GANTRY AND BRIDGE SYSTEM FEATURES

Touch screen industrial PC utilizing Citect HMI software.

Longitudinal track and cables are located underneath the table in protection.

Gullco Gantry system is equipped with dual torches enabling simultaneous welds on both sides of aluminium trailer sidewall stiffeners in one pass.



Seam tracking is provided by a Gullco designed vertical and horizontal tracking device.