



Design Solutions: Custom Bridge Gantry



The Bridge Gantry can reduce welding time by more than 50% on beams, girders, structural supports and other long welding applications.* Gantry's are custom sized and can be designed for weldments hundreds of feet long.

The weld carriage travels along the main frame of the gantry providing full access to the weldment. The Gantry can be out-fitted with different welding heads, seam trackers and flux recovery systems. An HMI interfaces allows the operator to control the entire machine from one (or multiple) locations. This system can work with both cambered or swept beam designs.

If you would like more information about this Custom Bridge Gantry, please contact IRCO Automation at 1-800-742-1175 or info@ircoautomation.com.



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* Based on a comparison of the welding time required to hand weld a piece of material

About IRCO: Company Profile

IRCO Automation Inc. designs and manufactures positioning equipment for industrial welding and fabricating. IRCO machines can be found all over the world operating in the toughest environments. Our machines are used in; oil & gas, manufacturing; shipbuilding, rail & transportation, fabricated metal products, mining and energy.

IRCO is part of the RoMan Family of Companies, including RoMan Engineering Services and their welding engineering team. This combined expertise allows IRCO to provide the most practical and effective welding solutions for our clients.

Equipment Offerings

We offer a wide range of equipment in various sizes and load capacities. Our catalogue includes:

- Welding Positioners
- Turning Rolls
- Manipulators
- Gantrys
- Weld Lathes
- Three O'Clock Welders
- Longitudinal Seam Welders
- Head and Tailstocks
- Turntables
- Beam Positioners

The Advantages of Positioning Equipment

Positioning equipment allows for the optimal placement of work pieces to ensure the quickest and most efficient welding process. Properly installed positioning equipment can speed up production / fabrication, increase safety and save money.

What We Deliver

IRCO provides rugged positioning and productivity solutions for welding applications. Some of our machines are still in use almost 50 years after they were first sold. We offer a huge selection of standard products as well as customized design solutions. In addition to new equipment sales, we supply refurbishment services, rentals and used equipment.

Family of Companies

