



## 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

## Design Solutions

We provide custom fabrication, welding and material handling Design Solutions. From turn-key plant projects to bottlenecks in the production line. IRCO delivers practical and dependable systems that increase operational efficiencies.

## Programs and Services

### Refurbishments, Maintenance, Parts & Repairs

Increase the performance and extend the life of your existing equipment.

### Used Equipment

A convenient and affordable selection of standard products.

### Rentals

Equipment for those one off projects that demand the highest quality.



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### Family of Companies



## Positioning Equipment for

## Industrial Welding and Fabricating



## KEY FACTS

- » **Almost 50 years of weld positioning history.**
- » **Part of the RoMan Family of Companies.**
- » **Customized turn-key Design Solutions.**
- » **300 Standard Products.**
- » **Located in Burlington, ON, Canada.**

### 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.



### 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.

### Innovative IRCO Products

#### Bridge Gantry

The Bridge Gantry can reduce the 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 outfitted 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.

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



#### Beam Positioners

Unique to IRCO, the Beam Positioner can lift, rotate and tilt; tanks, trucks, trains, buckets etc., to allow optimal weld positioning. IRCO Beam Positioners can be found in almost every industrial sector and it's wide range of motion makes it extremely versatile.

The main beam has three distinct movements; elevation, tilt and rotation. The optional roto-table provides a fourth axis, allowing the table to rotate 360°. The Beam Positioner is available in load capacities ranging from 1,500 to 120,000 lbs.



#### Porta-Welder

Designed to bring the weld to the joint, the Porta-Welder is a self contained welding station and a convenient option for pipe and small tank manufacturers. Ideally suited for smaller facilities or as a supporting option for larger dedicated welding systems.

The telescoping boom provides a small footprint when the machine is not in use. Wheels and forklift pockets allow for ease of movement. The Porta-Welder can be equipped with a variety of welding heads and outfitted with a number of different accessories and options.

