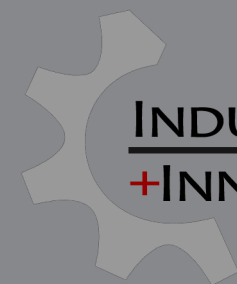


Table of R2W Systems and Options

Function or Option	R2W-1	R2W-2	R2W-3
1,500 lb Capacity / 16" Gripper, 3,000 lb Capacity / 36" Gripper, or 6,000 lb Capacity / 48" Gripper	Specify size		
R2W Column and Boom – 4'x4' or 6'x6'	Specify size		
Head Stock Manual Height Elevation (24"-48")	Standard	Standard	Not Available
Electro-Mechanical Head Stock Height Adjustment (24"-48")	Option	Option	Standard
PLC Controlled Oscillator – R2W-OSC-12 – 12" Stroke	Standard	Standard	Standard
PLC Controlled Vertical Slide – R2W-VERT-12 – 12" Stroke	Not Available	Standard	Standard
MIG / FCAW – Power Supply to be specified by end user	Specify Type	Specify Type	Specify Type
TIG – Hot or Cold Wire— Power Supply to be specified by end user	Specify Type	Specify Type	Specify Type
Multi Pass Programming	Not Available	Standard	Standard
Skid Mounted – with in line pipe supports (2 per 20')	Not Available	Not Available	Standard
Pipe supports – flexible design can be rail mounted or with intelligent casters	Option	Option	Standard
Camera system	Option	Option	Option
Track System for R2W Column and Boom – 10' sections	Option	Option	Standard
Track System for R2W Pipe Supports – 2 supports / 20'	Option	Option	Standard
Weld Data Recording	Not Available	Not Available	Option



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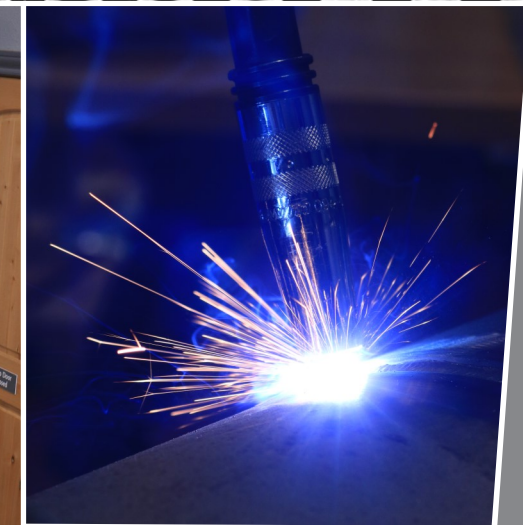
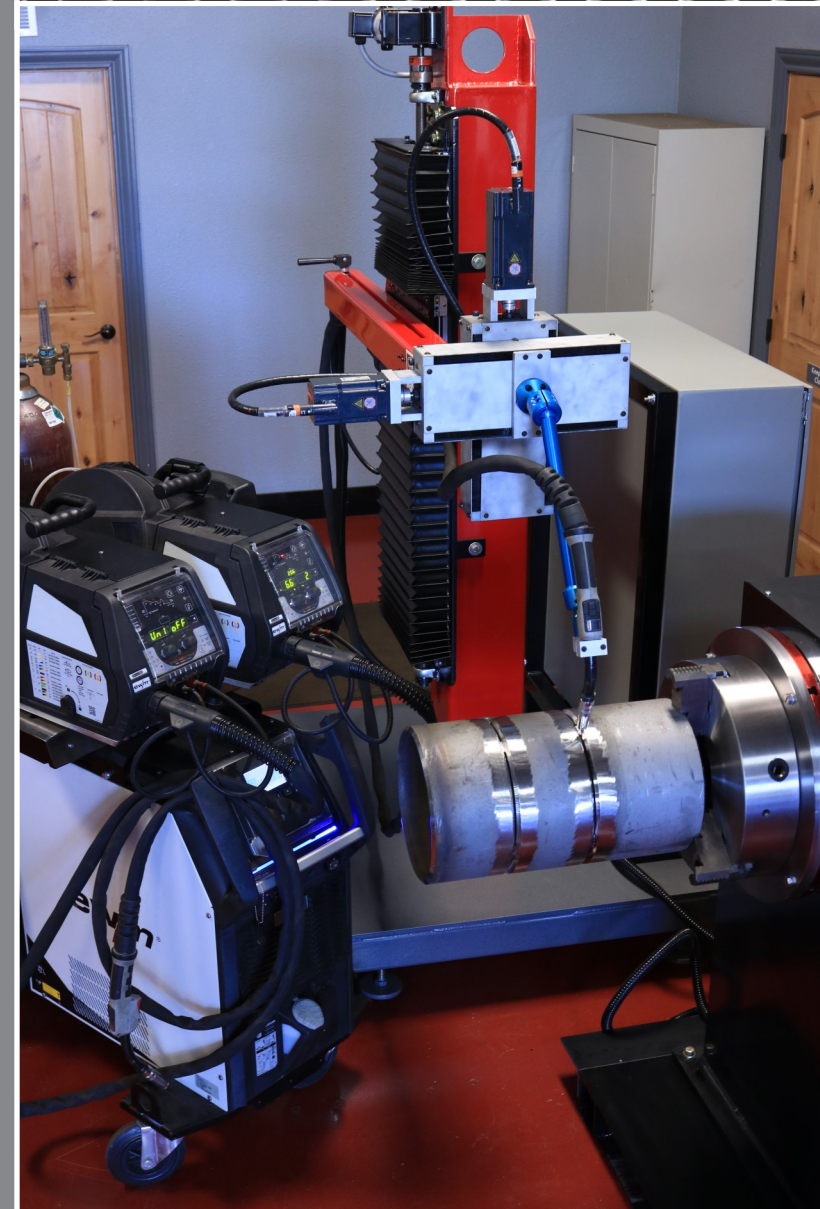
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R2W

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EASY TO USE**

AUTOMATED WELDING SYSTEMS



R2W

- Ease of use—do more with a lower skilled welder / operator
- Increased productivity
(i.e. 6" sch 80 CS weld in 10 minutes of arc time)
- Consistent quality with optional data tracking capacity
- Flexibility in design—MIG, FCAW, TIG and Hot Wire TIG

R2W Head Stocks

- Adjustable centerline height of gripper from 24"-48" (additional ranges are available upon request)
- High-quality zero backlash gearbox and digital servo motor specifically mated together to both meet the torque requirements and give long life and durable consistent rotation speed and performance
- Vertical adjustment via crane assisted manual adjustment (6" increments for height adjustment) or an optional electro-mechanical solution for height adjustment

R2W Column and Boom

- 4'x4' or 6'x6' height and reach fixed to a 48" square base
- Optional wheel kits: track mount or free rolling
- Vertical adjustment controlled by a joystick
- Supplied with face plate mount for torch, slide(s), and optional welding camera(s)
- Horizontal adjustment via manually operated slide on hardened machine rails
- Slides have easily accessible grease points for ease of maintenance

R2W Horizontal and Vertical Machine Slides

- Horizontal and vertical slides driven by encoded motor on hardened machine rails with a precision ball screw drive
- **R2W Oscillator Slide (R2W-OSC-12)** has 11.5" of travel
- Oscillator functions include: oscillation width, in-dwell, excursion, and out-dwell
- Adjustments are made while welding on the **R2W Digital Interface** with the press of a button
- **R2W Vertical Slide (R2W-VERT-12)** has 11.5" of travel

R2W Digital Controller

- Controller is user friendly with a short learning curve
- Functions are easily programmed and stored for future use
- Controls can be set up to restrict modification of welding programs

R2W Power Supply Options

- R2W-1, R2W-2 and R2W-3 systems can be paired with virtually any power source
- ISI recommends EWM power sources

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