

Product Line-Up



M317 Power Supply - Orbital Welding Controller

With 100% Duty cycle the M317 provides the highest power/weight ratio in the industry

Modern Touchscreen improves Performance and efficiency

Advanced orbital welding features include Automated pipe schedule generation



M415 Power Supply – Orbital Welding Controller

Output Capacity: 400 A, 100% duty cycle
Up to 8 servo control capacity for demanding applications

Built-in Water Cooler for torch cooling (w/ Optional 2nd available for system accessories)

System control thru easy-to-use windows based GUI on 12" touch screen or Remote control software



M501 Hot Wire Power Supply

Used to pre-heat filler wire in GTAW applications to increase deposition rates and burn-off residue on wire.

Output capacity: 200 amps, 20 volts AC
Uses AC output to minimize arc interference with DC GTAW

Able to interface to AMI power supplies or controlled thru remote pendant



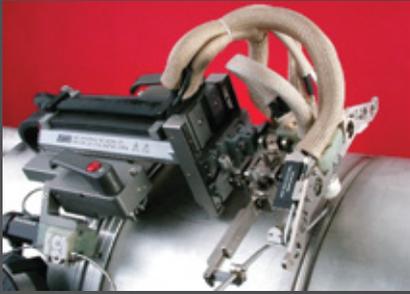
M802-DV Camera Monitor system

Provides compact, portable ability to view up to two AMI digital cameras

Includes "Snap Shot" capability to allow the operator to take live digital images of the weld

Includes several digital image capabilities, such as zoom, rotate and flip to provide the desired image on the screen

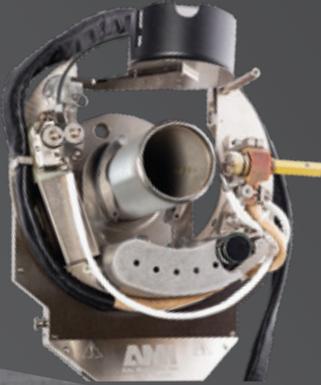
Includes Cross Hair generator to allow the operator to target his desired position on the screen



M52 Heavy-Duty Weld Head

For all pipe 8" (200 mm) to unlimited size, including flat.
Offered with various AVC and Cross-Seam Slide strokes to meet project requires.

Heavy-Duty construction and capacity allows for precise movement of AMI's most advanced torch options.
Available with 1 and 2 wire drive configurations with 8" diameter wire spools.



M79 Weld Heads with Digital Cameras

All AMI M79 welds heads are offered with dual camera configuration, providing leading/trailing view of the welding arc.
Can cover diameter ranges from ½" to 6.625" (12.5 to 168.3 mm)

These weld heads also include improved AVC and OSC slides designs to handle the increased weight capacity from the cameras and motorized wire manipulators



M81 Weld Head with Digital Cameras

Full Function orbital pipe weld head featuring Programmable Arc Voltage Control, Torch Oscillation, onboard Wire Feeder and Travel in A very compact package

With dual cameras to view leading and trailing of the welding arc.
Designed for pipe sizes from 48 mm (1.9 in.)
Up to 142 mm (5.563 in.)
For applications with limited axial and radial clearances



M13 Elbow Welder

Weld head with integrated track designed to mount to elbows.
Dual wire feed allows for welding in either direction

Modular design allows for easy setup/take-down and changing out of modules for minimal down time
225 amp capacity to handle thick wall pipe



M2 Dual Axis Slide Weld Head

Traditional Two or Three axis configurations with various torch options with different slide lengths and weight capacities to meet the project demands

Designed and typically used for non-orbital welding solutions.
Cold and Hot wire configurations available
Ideal for welding and cladding/overlay applications