

PTW160™ Daytona | Automatic Welding Systems



Weld Quality Starts in the Arc

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Weld Quality Starts in the Arc

'L' SERIES Weld Heads: Closed chamber autogenous, infinite rotation • low profile • contamination-free weld heads • ergonomic - quick clamping and release • built-in pendant for basic controls • built-in work/ground - no need for separate cable • high purity, high welding throughput with minimal delay • Perfect for stainless steel, titanium, chrome moly, carbon steel and zirconium. *Quick-change collets available in standard tube and pipe sizes, customization allows for unique applications.

L250, L500 & L750



Best For

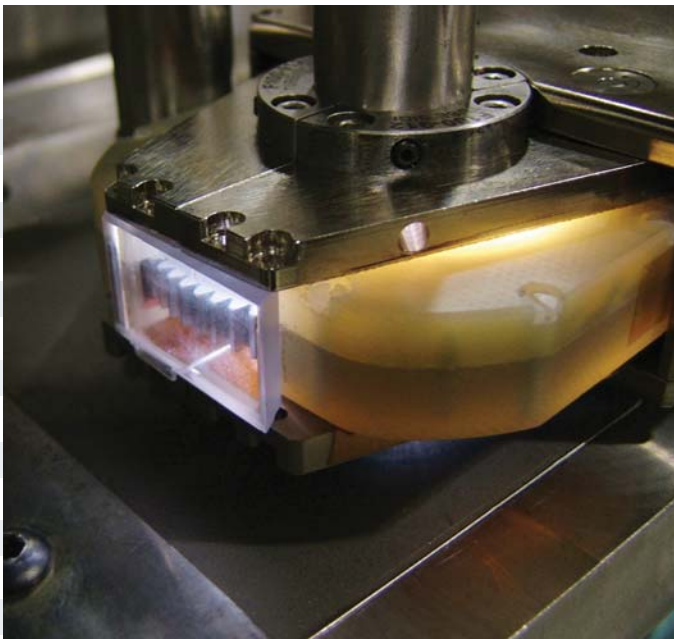
- Semiconductor High purity gas cabinets, panels process equipment, and plant distribution
- Swagelok®, Parker® weld fittings
- Aerospace fuel distribution systems
- Spacecraft fluid management assemblies
- Hydraulic aerospace tubing distribution
- Medical and dental instruments
- Fluid/slurry monitoring instrumentation

L2000 & L4000



Best For

- Solar thermo-collector fluid piping and distribution
- Bio-fuel process piping and distribution
- Nuclear instrumentation
- Pharmaceutical high purity process piping and skid assemblies
- Food, beverage, dairy process piping and distribution
- Aerospace and industrial ducting
- Aircraft fuel distribution and management



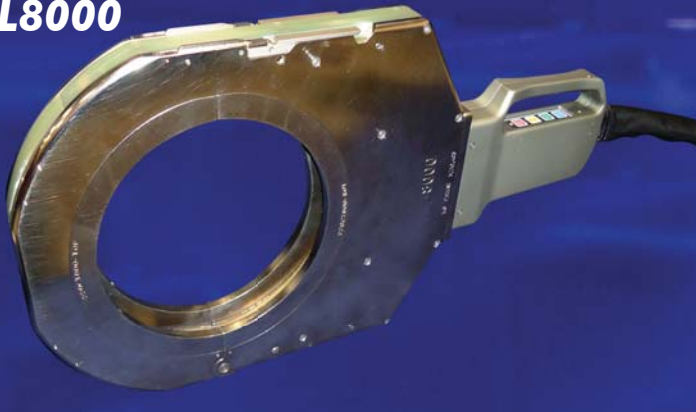
PTW160™ Power Source

Featuring

- High Frequency Start
- Portability
- Reliability
- Rugged design
- 160 amps (peak)/105 amps (continuous duty) GTAW.
- Quick disconnect features for gas, water and electrical connection.
- Welding status monitoring.
- Included LRD (Liburdi Real Time Data Logging) and critical function monitoring.
- Auto schedule program generation for rapid weld development.
- Self contained controller, power source and water cooler designed for mobility in challenging environments.

*The M series clamp on - in place welding heads provides quick clamping directly to the pipe • On-board or floor mounted wire spool • *Optional auto full function AVC /OSC.*

L8000



- Launch vehicle cryogenic tank and regenerative cooling fluid piping
- Fossil fuel boiler tubes
- Sanitary piping and valves
- Fluid/slurry monitoring instrumentation
- Hydraulic application tubing
- Pulled-T applications

'M' Weld Head



Best For

- Boiler tubes and return bends
- Nuclear instrumentation
- Marine and naval piping
- Bio-process and chemical manufacturing piping
- Solar thermo-fluid distribution
- Small bore pipe requiring filler wire
- Earth moving vehicle
- Open pit mining dredges, shovel, crane hydraulics
- Drilling platform hydraulic piping
- Deep sea vehicle piping and control hydraulics
- Aerospace Ground Equipment (AGE) hydraulics

P300™ Power Source

Featuring

- High Frequency or Touch Start
- Portability
- Reliability
- Rugged design
- 300 amps (peak)/250 amps (continuous duty) GTAW.
- Override capabilities for all welding parameters.
- Quick disconnect features for gas, water and electrical connection.
- Welding status monitoring.
- Included LRD (Liburdi Real Time Data Logging) and critical function monitoring.
- Self contained controller and power source designed for mobility in challenging environments.



P300™ Power Source



PTW160™ Power Source

Models	OD Range		Amps	Duty Cycle (%)	Pulsed		AVC	Wire Feed	Coolant	Clamp or Track Mount	Multipass Capability for Groove Welds
	Inches	Millimeters			Pulsed	Osc					
L250	0.062 – 0.250	∅1.587 - 06.35	50	25	•				Recirculating	Clamp	Infinite
L500	0.125 – 0.500	∅3.175 - 12.70	75	25	•				Recirculating	Clamp	Infinite
L750	0.125 – 0.750	∅3.175 - 19.05	100	25	•				Recirculating	Clamp	Infinite
L2000	0.250 – 2.500	∅06.35 - 63.50	200	25	•				Recirculating	Clamp	Infinite
L4000	0.500 – 4.500	∅12.70 - 114.30	200	25	•				Recirculating	Clamp	Infinite
L8000	1.000 – 8.625	∅25.40 - 219.07	300	25	•				Recirculating	Clamp	Infinite
M250	0.840 – 2.875	∅21.3 - 73.03	300	50	•	•	•	•	Recirculating	Clamp	4 revs with prewind
M400	1.315 – 4.500	∅33.4 - 114.30	300	50	•	•	•	•	Recirculating	Clamp	4 revs with prewind
M600	2.785 – 6.625	∅73.03 - 168.28	300	50	•	•	•	•	Recirculating	Clamp	4 revs with prewind



CE, CSA, UL, CCC** Compliant Versions Available.
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 Specs subject to change.



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