

## Heavy Duty PLS 10 Foot Longitudinal Seam Welder



- Plasma
- Tig
- Laser
- Mig
- Sub-Arc

**Weldlogic PLS Weld Seamers** are designed for straight line welding of all weldable metals in thicknesses from .005" to 1/2" and lengths up to 15 feet.

The precision components and standard features of the PLS seamers provide a highly engineered complete platform for longitudinal welding. Optional features and available programmable welding controls provide unmatched capability for automating the welding process.

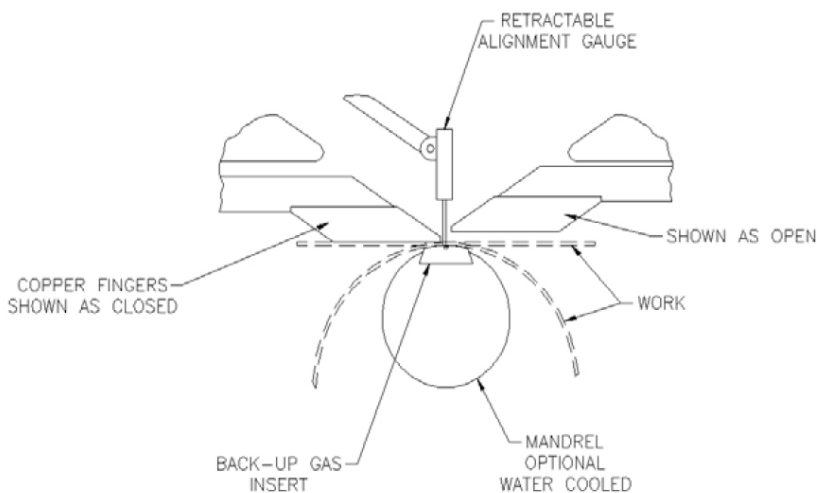
Contact our engineers to receive free weld process evaluation and sample welds.

### PARTIAL APPLICATIONS LIST

- |                        |                   |                       |                   |                       |
|------------------------|-------------------|-----------------------|-------------------|-----------------------|
| • Electric motor cases | • Filter elements | • Automotive exhaust  | • Nuclear vessels | • Vacuum components   |
| • Cryogenic vessels    | • Water tanks     | • Aircraft components | • Coring drills   | • Flexible metal hose |



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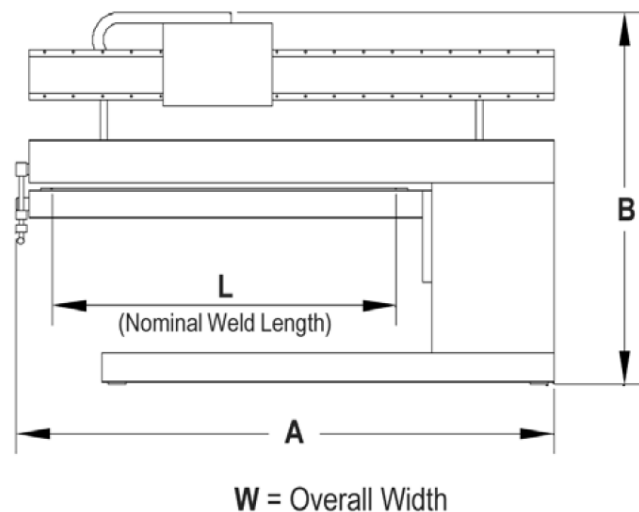


## STANDARD FEATURES INCLUDE:

- Suitable for TIG, Plasma, MIG, Sub-Arc and Laser welding
- Fully welded fabrication
- Mandrel has vertical adjustment for various thicknesses
- Adjustable mandrel latch with unique safety control
- Independent left and right finger clamping
- Precision ball bearing, linear track for smooth travel
- Standard flexible track to support hoses and cables
- Unique, easy-to-use, precision alignment gauges
- Advanced carriage controls with automatic sequencing
- Pneumatic torch retraction
- Weld process development & support
- Dual pressure control

Model	Min Dia.	L	A	B	W	Ship Wt (lbs)
PLS-24	2 5/8"	24"	57"	65"	32"	1,975
PLS-36	3 1/2"	36"	69"	65"	32"	2,200
PLS-48	4 1/4"	48"	81"	65"	32"	3,525
PLS-72	5 1/4"	72"	107"	68"	36"	4,625
PLS-84	6 7/8"	84"	126"	68"	36"	4,950
PLS-96	7 1/4"	96"	145"	68"	36"	5,300
PLS-120	9 1/2"	120"	161"	77"	41"	8,800

Contact Weldlogic for your special requirements



## OPTIONS

- Water-cooled Mandrel
- Insert gas back-up
- Automatic gas purging
- Automatic finger release
- Heavy-duty flexible cable track
- P.L.C. Automation
- Loading cart
- Arc distance control
- Cold wire feed
- Video Monitoring
- Laser seam tracking

## SPECIFICATIONS

Thickness capacity:	0.005" - 1/2"
Maximum diameter:	42"
Torch parallelism:	± .003"
Speed ranges:	1.5 to 60 IPM/3.0 to 120 IPM
Speed holding accuracy:	± 0.1%
Input power requirements:	110/220 V 1-ph, 50/60 Hz
Compressed air:	80 psi

## WELDLOGIC, INC.