

**Model 830 Bore Welder Specifications**

	<b>Imperial</b>	<b>Metric</b>
<b>Welding Process</b>	Mig/Gmaw	
<b>Standard Bore Range</b>	1 ½" to 30"	38mm – 762mm
<b>Optional Diameter Range</b>	5/8" to 45"	99.9 cm
<b>Standard Weld Stroke</b>	8"	203mm
<b>Optional Weld Stroke</b>	18"	203mm – 914.4mm
<b>Max. Weld Current</b>	250 Amp continuous	
<b>Step Size</b>	0 to .4"	0 – 10mm
<b>Welding Wire Size</b>	.035" to .045"	.9mm – 1.2mm
<b>Standard Extensions</b>	48"	1.2m
<b>Optional Extensions</b>	180"	4.572m
<b>Operation Modes</b>	Precision Step Process - circular OD/ID, segment, skip, unidirectional / bidirectional, depth of hole, conical welding, facing mode.	
<b>Multi Skip Welding</b>	Standard 1 – 9	
<b>Programmable Torch Positioning</b>	Standard	
<b>Control Box</b>	Hand Held or Machine Mounted	
<b>Welding Power Recommended</b>	CV type	
<b>Wire Feeder Required</b>	Burn back control	
<b>Recommended</b>	4 Drive Rolls	
<b>Power Supply Requirements</b>	120 volt, 50/60 HZ 230 volt, 50/60 HZ	
<b>Component Weights</b>	Standard kit 85 lbs. Bore welder 20lbs. Power supply 3 lbs.	38.6 kg 9.0 kg 1.4 kg
<b>Pelican Case</b>	Included	



**APPLICATIONS:**

Commonly used in Logging, mining, construction, marine, pulp and paper, and manufacturing industries.

Some applications include:

- Crushers
- Excavators – stick, boom mount, lift cylinder mount
- Gears and gear boxes
- Loaders, buckets
- Motor housings and shafts
- Pumps
- Turbines
- Custom designed applications