

BW-830 Bore Welder

ADVANTAGES

- Programmable circular, segment, skip.
- Sets up on boring bar alignment plates
- Works with most competitors boring bar set ups
- Available attachment to perform facing and outside diameters
- All electrical connections made through one cable
- Welds bores too small for hand welding
- Easily weld bores difficult to reach
- 250 amp continuous duty
- Consumables available from local welding suppliers

APPLICATIONS

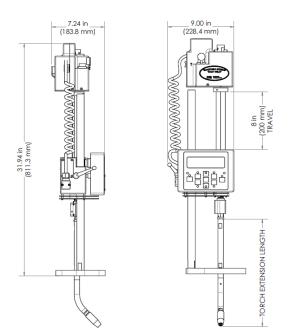
- Logging
- Mining
- Construction
- Marine
- Pulp and Paper
- Manufacturing Industries
- Crushers
- Excavators stick, boom mount, lift cylinder mount

PRODUCT DESCRIPTION

The SPR York BW-830 is a fully programmable bore welder capable of auto-skip and segment welding. It is compatible with most wire feeder/power supply combinations and is made from highly conductive, corrosion & arc resistant alloys. Compared to hand welding the BW-830 can weld up to 75% faster, create a consistent weld with less distortion and expose the user to less fumes and smoke.



- Gears and gear boxes
- Loaders, buckets
- Motor housings and shafts
- Pumps
- Turbines
- Custom designed applications



Optional Weld Stroke12 and 18 in (304 and 457 mm)Max. Weld Current250 amp continuousPrecision Step Process0 to .4 in (0 – 10 mm)Welding Wire Size.030 to .045 in (.9 – 1.2 mm)		
Optional Diameter Range.5 to 45 in (16 – 999 mm)Standard Weld Stroke8 in (203 mm)Optional Weld Stroke12 and 18 in (304 and 457 mm)Max. Weld Current250 amp continuousPrecision Step Process0 to .4 in (0 – 10 mm)Welding Wire Size.030 to .045 in (.9 – 1.2 mm)Standard Extensions48 in (1219 mm)Optional Extensions180 in (4572 mm)Operation ModesCircular ID, Segment, Skip, Unidirectional / Bidirectional, Weld Depth, Repeat Depth, Resume Depth, Conical welding, Facing mode, OD with attachments.Multi-Skip WeldingStandard 1 – 9Programmable Torch PositioningStandardControl BoxHand Held or Machine MountedWire Feeder RequiredBurn back controlRecommended20 V 50/60 Hz 230 V 50/60 HzPower Supply Requirements120 V 50/60 Hz 230 V 50/60 Hz 230 V 50/60 HzComponent WeightsStandard kit 85 lbs (38.6 kg) Bore welder 20 lbs (9.0 kg) Power supply 3 lbs (1.4 kg)	Welding Process	MIG/GMAW
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Bore welder 20 lbs (9.0 kg) Power supply 3 lbs (1.4 kg)	Power Supply Requirements	
Pelican Case Included	Component Weights	Bore welder 20 lbs (9.0 kg)
	Pelican Case	Included







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