BW-1200 Bore Welder

ADVANTAGES

• Automated
• Programmable
• Water cooled
• Works with most wire feeders
• Customizable – Can be configured to any application from 1 to 10-plus ft
• Can be mounted on optional stand or fastened to job

APPLICATIONS

• Logging
• Mining
• Construction
• Marine
• Pulp and Paper
• Manufacturing Industries
• Custom designed applications

PRODUCT DESCRIPTION

This 500 amp machine is SPR York’s largest and most powerful welder, with a range of 12 to 120-in (304.8 – 3048 mm) and optional weld strokes of 24, 36, and 48-in (609, 914, and 1219 mm). Torch lengths are available from 12-in to 10 or more ft (304.8 – 3048 mm). The welder has many programmable operation modes, a maximum current of 500-amps and uses wire sizes .045 to .062-in (1.14 – 1.57 mm). The water cooled torch length will be configured to meet specific applications.
## Welding Process
MIG/GMAW

## Bore Range
12 - 120 in (304.8 – 3048 mm)

## Optional Weld Stroke
24, 36, and 48 in (609, 914, and 1219 mm)

## Max. Weld Current
500 amps

## Step Size
0 - .4 in (0 - 10.16 mm)

## Welding Wire Size
.045 - .062 in (1.14 – 1.57 mm)

## Optional Torch Lengths
Adjustable from 12 in - 10 + ft (304.8 – 3048 mm)
*Torches lengths need to be selected based on application*

## Operation Modes
Precision Step Process - circular OD/ID, segment, skip, unidirectional / bidirectional, depth of hole, pause and resume.

## Liquid Cooled Housing & Torch
Modular

## Multi Skip Welding
1 - 99

## Programmable Torch Positioning
Standard

## Control Box
Hand Held

## Welding Power Recommended
CV type

## Wire Feeder Required
Burn back control

## Recommended
4 Drive Rolls

## Power Supply Requirements
- 120 V, 50/60 Hz
- 230 V, 50/60 Hz

## Dimensions
65.5 X 10.5 X 15 in (1663.7 X 266.7 X 381 mm)

## Welder Weight
Approx. 140 lbs (63.5 kg) (weight does not include torch)