



YORK
PORTABLE MACHINE TOOLS

Smart Weld BW-830 Bore Welder Parts and Accessories Catalog



SPR York Portable Machine Tools
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SUPERIOR

One Company, *Superior* Results.

ABOUT US

Superior (SPR) specializes in portable machining, bore welding, line isolation, and testing solutions, providing equipment and tools manufactured under the highest standards of quality control and engineering expertise along with 24/7 service and support.

Designed with the operator in mind, our tools and equipment deliver dependable and precise performance, providing cost-effective solutions and reduced downtime, making them beneficial resources in the Oil and Gas, Mining, Heavy Construction, Shipbuilding, Aerospace, Defense, and Power Generation industries.

SPR sells and rents equipment and tools; we offer our own line of portable ID/OD flange facers, linear/gantry and rotary mills, end prep bevelers, isolation and test plugs, line boring, and bore welders, as well as custom-designed equipment and tools.

Our team includes machining, test and isolation, and engineering experts, all with a thorough working knowledge of applications to support you with our equipment on any job. We understand the urgency of your projects and are committed to delivering the highest quality equipment and tools to satisfy the requirements of your clients.

SPR delivers outstanding customer service, specialized training by seasoned professionals, and tools as tough as the jobs you need them to do.



FEATURES



Smart Weld Systems Model BW-830 1.5" - 30" (38 mm - 762 mm)

- Standard operating range 1.5-30" (38-762mm)
- Standard extensions 48" (1.2m)
- Weld stroke 8" (203mm) or Optional up to 18" (450mm)
- Standard maximum current 250 amps
- Standard wire size .035-.045 (.89-1.14mm)
- Programs - circular, segment and skip
- Adjustable step (distance between weld passes) 0 -.4" (0-10mm)
- Rotation - clockwise and counter clockwise
- Weight 20lbs (9kg)

Part Number: BW-830-8

Part Number: BW-830-18

PARTS AND OPTIONS

Tripod adjustable base

- Allows for vertical or horizontal setups
- Comes with jig to transfer work piece angle to tripod stand

Part Number: BW-001

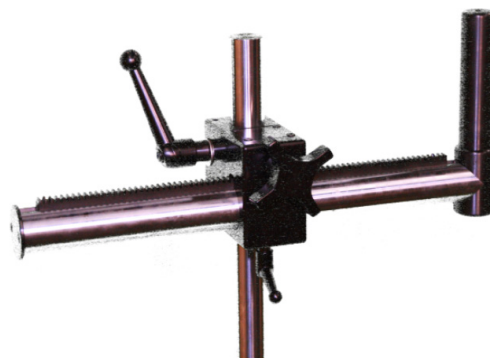


XL Extension Arm

- 12" (305mm) adjustable stroke
- Weight 6.4lbs (2.9kg)

Part Number: BW-002

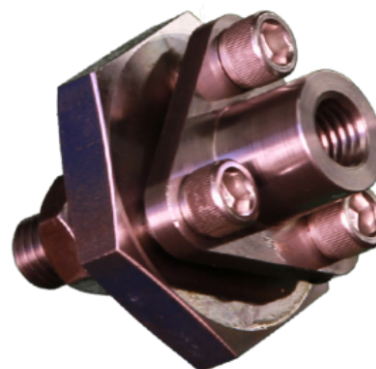
Comes with BW 235 base



Bore welder Centering Adapter

- A tool for fine adjustment of your bore welder for use with the York interface plate. It mounts between the interface plate and the lead support of your bore welder. It is a must when working out of position and reaching out to the furthest bores.

Part Number: 414-305



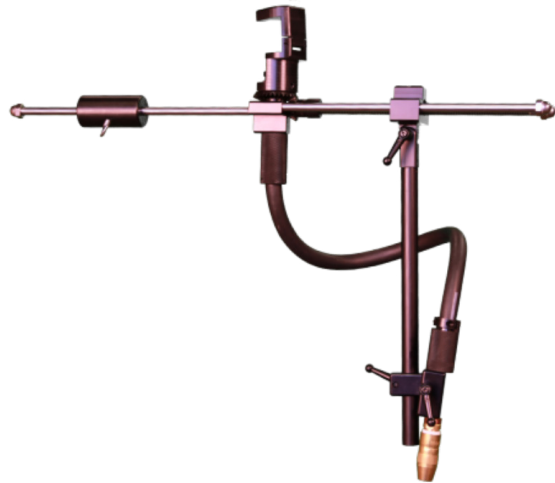
Facing Torch with Counter Balance

- Arc resistant
- 250 amp max
- 8" (203 mm) stroke
- Face welding from 0" to 30"
- Screw .11" per revolution
- Wire size .030" - .045"
- Weight 5lbs (2.26kg)

Part Number: BW-003

Must be used with XL Extension Arm

Part Number: BW-002



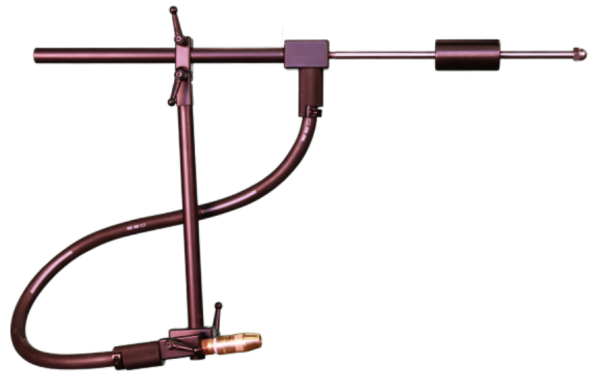
OD Torch with Counter Balance

- OD shaft 0 - 30"
- Arc resistant
- OD diameters from 1.5 - 30"
- Weight 3.35 lbs. (1.5 kg)

Part Number: BW-004

Must be used with XL Extension Arm

Part Number: BW-002



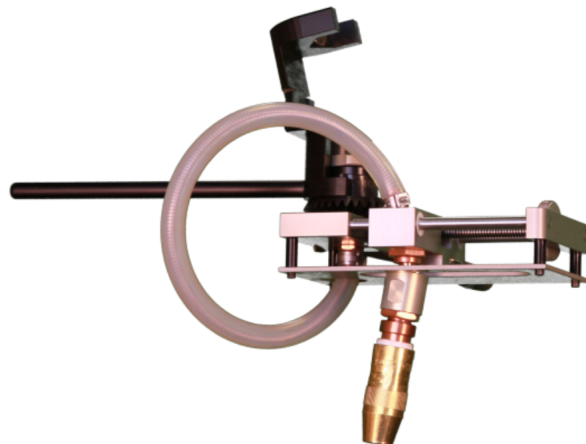
Compact Facing Torch

- Arc resistant
- 200 amp max
- 2.25" stroke
- Facing from 1.5" - 12"
- Screw .12" per revolution
- Operating range 0" to 12"
- Wire size .030" - .035"
- Weight 2lbs

Part Number: BW-005-830

Must be used with XL Extension Arm

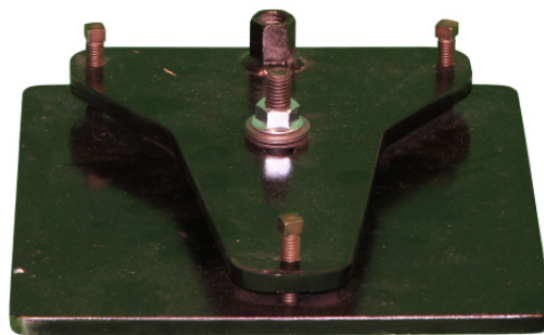
Part Number: BW-002



Adjustable Base

- Allows adjustable stand alone set up

Part Number: BW-AB-000



Double XL Extension Arm Assembly

- 29" vertical stroke (736mm)
- 20" horizontal stroke (57mm)
- Weight is 45 lbs.

Part Number: BW-830-539



PARTS AND OPTIONS

Straight Torch Extension 15"

Part Number: BW-162-15



Straight Torch Extension 12"

Part Number: BW-162-12



Straight Torch Extension 9"

Part Number: BW-162-9



Straight Torch Extension 6"

Part Number: BW-162-6



Straight Torch Extension 3"

Part Number: BW-162-3



Straight Torch Extension 2"

Part Number: BW-162-2



Torch Assembly (1.5—3.5")**Part Number: BW-ASSY-1535****Torch Assembly (3.5—5")****Part Number: BW-ASSY-355****Torch Assembly (5—7")****Part Number: BW-ASSY- 57****Torch Assembly Extension (7" — 30")****Part Number: BW-ASSY-730****Micro Torch Assembly (.625" — 1.5")****Part Number: BW-ASSY-6215**



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