

# **ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEMS**

**Model BRS2, BRS3 and BRS4—(Typically used for heavy equipment bore repair)**



**BOA308i S1  
Borewelder**



**EV2  
Boring bar**



The Bore Repair Systems, Inc. BRS2, BRS3 and BRS4 bore repair packages have been our most popular selling packages. The bore welder and boring bar feature the popular, mount anywhere pass-through drive systems. On bores where there may be restricted access, or bores that are spaced far apart, the pass-through drive design gives you the flexibility to mount where it makes the most sense, such as between the bores. On jobs such as payloaders lift arm bores, the BOA-308i can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center...this is unique to the BOA-308i design. On blind bores, our systems do not require special cumbersome remote mounting kits or various length bars because with our pass-through design the excess bar simply comes out of the back end of the machine. The BRS packages share one mount for boring and welding which allows fast setup and rapid transitions from boring to the welding process.

**BRS2 Bore welding / machining package— for 1.8” to 10.0” dia repairs**

**Package Includes:**

- Bore welding head, 110v or 220v drive with variable feed direction and RPM
- Extendable, reversible welding shaft with 90” total extended reach from bore to bore (expandable)
- 10’ 150amp welding conduit with universal end (hi-amp upgrades are available)
- Aluminum diamond-plate custom storage cases
- Spare nozzle, tip and diffuser assortment
- Arc-resistant heatsink style adjustable welding head which can weld bores from 1.25” to 11.0” dia
- Micro welding head for welding bores down to .8” dia
- Setup manuals & dvd
- Remote weld trigger for partial bore welding or skipping over no-weld areas
- Fully 360 degree adjustable mounting system enabling control placement where it is most convenient
- Boring bar drive, 110v or 220v drive with variable feed direction and RPM
- 72” long x 1.75” dia. Bar with dual 1/2” tool ports— enabling easy bore measurements w/out tool removal
- Centering kit (solid steel cones) with unique one-person centering cone spanner tightening system
- Two auxiliary spherical self-aligning bar support bearings and one primary bar/machine support (adjustable)
- Sharpened 1/2” square high-speed tool (carbide optional)
- Bore welder to boring bar interface package enables bore welder to mount directly to boring bar bearings or support
- Setup sleeve for easy machine support setup
- Tool kit
- Boring bar tool extender for sturdy tool holding when machining larger bores
- Corrosion-resistant materials used throughout both boring and welding system for years of shop and field reliability

**BRS3 Bore welding / machining package—for 1.4” to 10.0” dia repairs**

**Package Includes all items above plus:**

- 72” long x 1.25” dia bar with dual 3/8” tool ports + tooling
- Centering cone & bushing kit for 1.75” to 1.25” conversion



**BRS4 Bore welding / machining package—for 1.0” to 10.0” dia repairs**

**Package Includes all items above plus:**

- 48” long x .875” dia bar with 1/4” tool ports + tooling
- Centering cone & bushing kit for 1.75” to .875” conversion

**ADD: Accessory kit #KBCC to maximize the versatility of these packages. It contains all of the popular BRS options.**



CE approved ✓  
 Pat. 6,137,076 Pat. 6,448,531 Pat. 6,737,608  
 Pat. 6,284,995 Pat. 6,486,438

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