

ONE-STEP INTEGRATED COMPLETE BORE REPAIR SYSTEM

Model BRS6—(Popular for large diameter heavy equipment bore repair)



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The Bore Repair Systems, Inc. BRS6 bore repair packages are selected by customers who have large diameters to repair, generally from 2.5" up to as large as 24". 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 payloader lift arm bores, the BOA-408i 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-408i 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.

MODEL: BRS6 Bore welding / machining package— for 1.5" to 18.0" dia repairs

#K05.110915 Package (shown above) 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 heads & extensions with quick-connect
- Tool kit for both bore welding system and boring bar
- 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 RPM and variable feed rate (hydraulic or air power options also available)
- 72" long x 2.25" dia. Bar with dual 1/2" tool ports— enabling easy bore measurements w/out tool removal
- Centering kit with unique aluminum split finned feature enabling installation and removal in tight spaces
- Two auxiliary spherical self-aligning bar support bearings each of which can also support the feed unit
- 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
- Modular axial feed box can be mounted independently of the rotational head if desired or required.
- 72" long x 1.25" dia bar with drive reducers & small cones
- Boring bar tool extender kit 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

ADD at any time: Large bore welding heads, high-amp consumables, outside diameter & face welding & machining longer or shorter bars or the snap ring groove cutting option. Other configurations of the BB6 and bore welding system combination package are available. Contact Bore Repair Systems, Inc. or your local distributor for more details or a custom quotation.