

BB2250 BORE REPAIR PACKAGE

MACTECH PORTABLE MACHINING SOLUTIONS

Weld and Machine Precision Bores in One Set-up

The Mactech BB2250 Bore Repair Package is a complete system for repair of bore diameters of 2.5 inches to 20 inches (63.5mm to 508mm). The Bore Welder and Boring Bar feature a mount anywhere pass-through drive system. On jobs such as payloader lift arm bores, the Bore Welder can be center-mounted and can weld out either end of the machine with one simple operation, without ever losing system center. With our pass-through design the excess bar simply comes out the back end of the machine. The Bore Repair Package shares one mount for boring and welding for fast setup and rapid transitions from boring to the welding process.

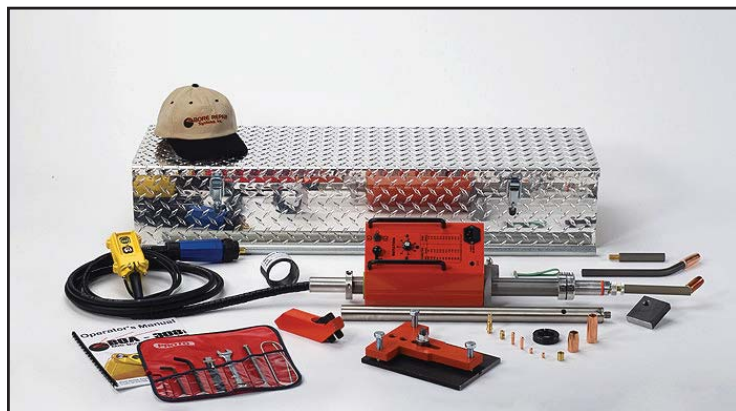
Boring Bar Features

- **Drive:** 110v or 220v, variable feed direction RPM and variable feed rate, hydraulic or pneumatic drive options.
- **Bar:** Chromed, 72 inches long x 2.25 inches diameter (1828.8mm x 57.2mm), dual 1/2 inch (12.7mm) tool ports for easy bore measurements without tool removal.
- **Centering Kit:** Unique aluminum split fin feature for installation and removal in tight spaces.
- **Support Bearings:** Two auxiliary spherical self-aligning bearings supporting the bar and feed unit.
- **Tool:** Sharpened 1/2 inch (12.7mm) square high-speed tool (carbide tool optional).
- **Bore Welder to Boring Bar Interface:** Enables bore welder to mount directly to boring bar bearings or support.
- **Axial Feed Box:** Unit can be independently mounted from the rotational head, if required.
- **Tool Kit:** 2.5 to 14 inch standard (63.5mm to 355.6mm)
- **Tool Extender Kit:** Optional holders to 24 inches (609.6mm)

Selections of various length boring bars are available.



BB2250 Bore Repair Package



BOA Bore Welder

Bore Welder Features

- **Welding Head:** Adjustable, arc-resistant, heatsink style. Extensions for bores 1.25 to 21 inches diameter (31.8mm to 533.4mm). Micro welding head for bores down to .80 inch diameter (20.3mm).
- **Welding Head Drive:** 110v or 220v, variable feed direction and RPM
- **Welding Shaft:** Reversible, 90 inch (2286mm) total extended reach from bore to bore (expandable).
- **Remote Weld Trigger:** For partial bore welding or skipping over no-weld areas.
- **Spare nozzle, tip and diffuser assortment.**
- **Welding Conduit:** 10 feet (3m) 150 amp with universal end (hi-amp upgrades available).
- **360° Adjustable Mounting System:** Allows convenient control placement.

MACTECH
ON-SITE MACHINING SOLUTIONS