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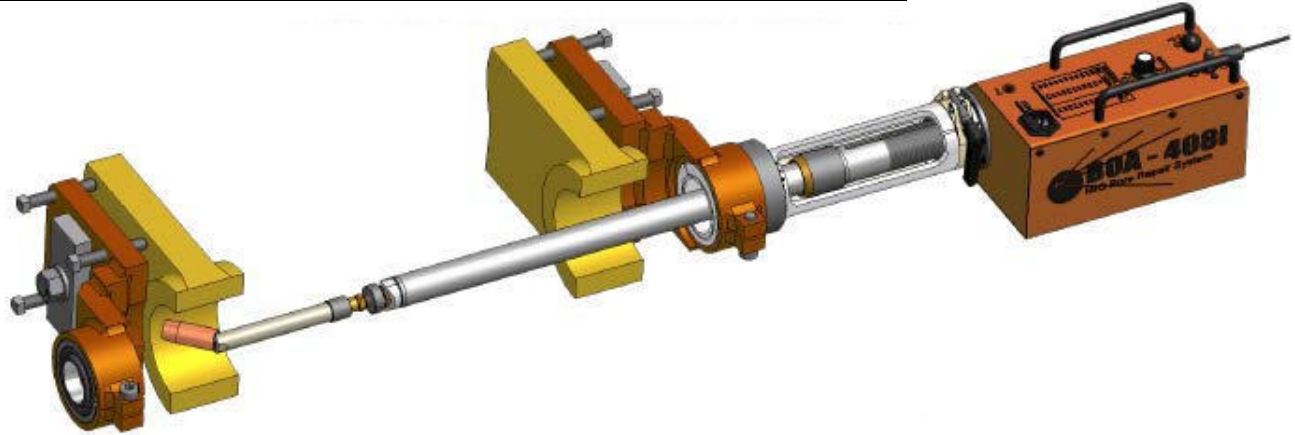
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*We deliver on time ... EVERYTIME*

We are an Australian locally owned family business



## **BOA-408 BORE WELDING SYSTEM**



The BOA-408 Bore Welding System is the easiest to use & setup bore welding unit on the market. It will enable you to accurately & quickly weld bores and faces on any equipment in all axis.

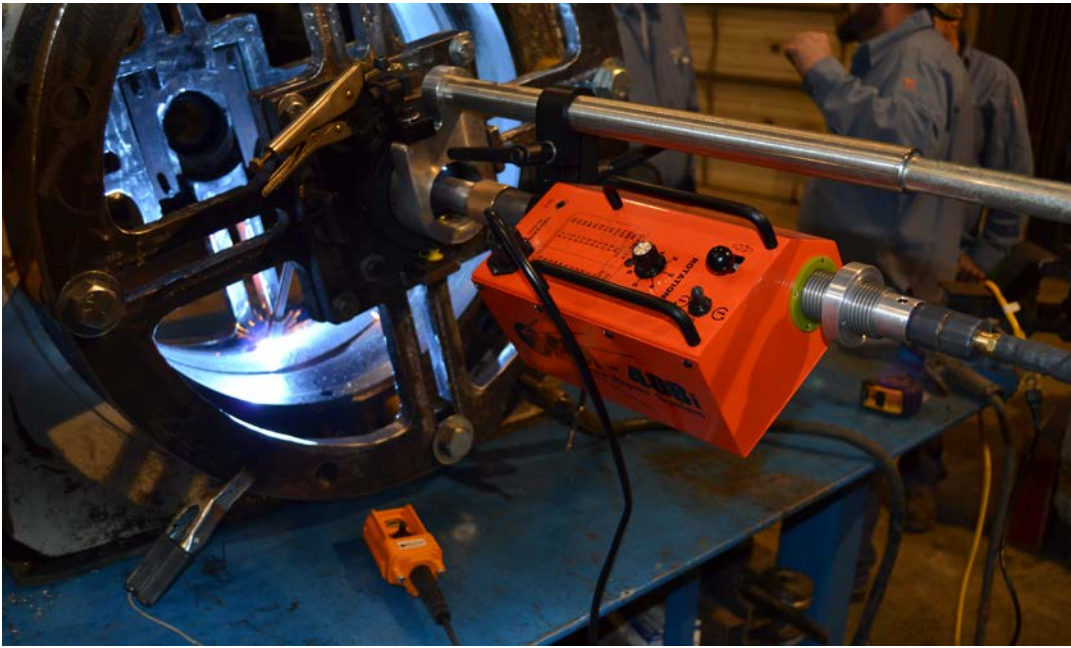
The BOA- 408's patented quick release clutch makes positioning the torch extremely easy.

With a pass through main shaft and many different extensions & options you can use the modular BOA-408 to weld almost any size bore in any position.

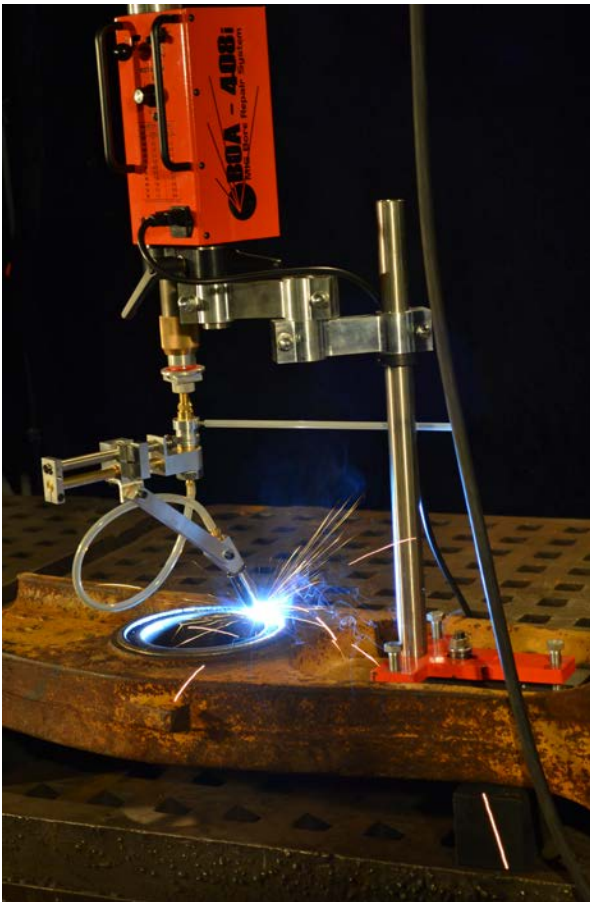
You can use the same mounting fixture as the boring system if used in conjunction with a BRS EV series boring bar package.



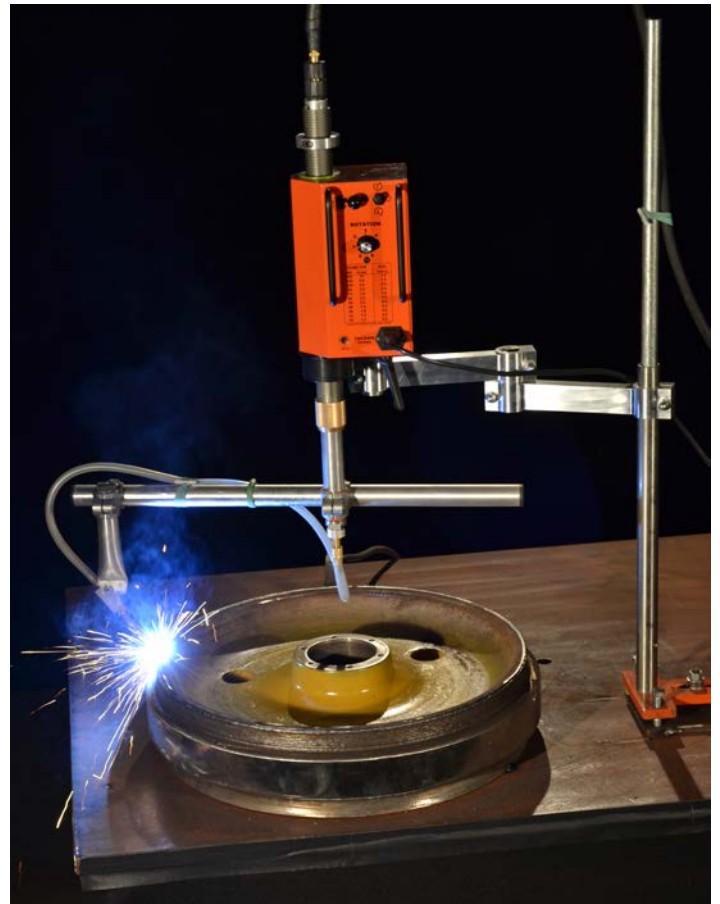
welding - wear solutions - automation



**BOA-408 welding a  
Ø600mm bore with  
large diameter gun &  
gun Ø extensions.**



**Face welding torch kit**



**Beam gun welding kit**



# **BOA-408 S1 BORE WELDING SYSTEM**



## **BOA-408 S1 Specifications**

**I.D. Weld Range** - Ø20mm to Ø360mm (up to max Ø1220mm with options)

**Welding Current** - 125 amp (165 amp & 200 amp options available)

**Weight** - 11.4 Kg

**Feeding travel** - 178mm

**Wire Ø** - 0.8 to 1.2mm (.03 to .045")

## **BOA-408 S1 System Includes**

- Main drive unit 240 volt
- Standard telescopic spindle with extension tube
- Standard conduit 3m (125 amp)
- Standard welding gun assembly (quick-connect) with spare nozzle and tip
- Micro welding gun assembly (quick-connect) for bores down to Ø20mm
- Axial torch extension 150mm (6")
- 32mm (1.25") stainless steel support tube with re-position groove
- Standard wear parts kit
- Arc start / stop / interrupt switch
- Tool kit & Operators manual
- Custom heavy duty aluminum carrying/storage case

## **Options**

- Large diameter gun for inside diameters
- Outside diameter welding gun
- Extra large diameter beam gun welding kit for inside and outside diameters up to Ø1220mm
- Face welding torch kit that automatically feeds inwards or outwards up to Ø24"
- Axial torch extensions 150mm (6") & 254mm (10")
- Gun diameter extension adds 127mm (5") to max diameter
- Adjustable "T" base for easy universal bore welder mounting and setup
- Heavy duty (165 amp) & extra heavy duty conduit (200 amp) for higher amperage welding
- Centering tube and cone kit for aligning unit to bore
- Auto skip upgrade & Boring Bar system
- Adaptor for mounting to EV boring bar bearing housing

# **BOA-408 S2 BORE WELDING SYSTEM**



## **BOA-408 S2 Specifications**

**I.D. Weld Range** - Ø20mm to Ø533mm (up to max Ø1220mm with options)

**Welding Current** - 125 amp (165 amp & 200 amp options available)

**Weight** - 11.4 Kg

**Feeding travel** - 178mm

**Wire Ø** - 0.8 to 1.2mm (.03 to .045")

## **BOA-408 S2 System Includes**

- Main drive unit 240 volt
- Standard telescopic spindle with extension tube
- Standard conduit 3m (125 amp) with arc start / stop / interrupt switch
- Standard welding gun assembly (quick-connect) with spare nozzle and tip
- Large diameter gun (quick-connect)
- Micro welding gun assembly (quick-connect) for bores down to Ø20mm
- Axial torch extension 254mm (10")
- 32mm (1.25") stainless steel support tube with re-position groove
- Adjustable "T" base
- Standard wear parts kit
- Radial extension arm for large diameter reach
- Tool kit & Operators manual
- Custom heavy duty aluminum carrying/storage case

## **Options**

- Outside diameter welding gun
- Extra large diameter beam gun welding kit for inside and outside diameters up to Ø1220mm
- Face welding torch kit that automatically feeds inwards or outwards up to Ø24"
- Axial torch extensions 150mm (6") & 254mm (10")
- Gun diameter extension adds 127mm (5") to max diameter
- Heavy duty (165 amp) & extra heavy duty conduit (200 amp) for higher amperage welding
- Centering tube and cone kit for aligning unit to bore
- Auto skip upgrade & Boring Bar system
- Adaptor for mounting to EV boring bar bearing housing

# **BOA-408 S3 BORE WELDING SYSTEM**



## **BOA-408 S3 Specifications**

**I.D. Weld Range** - Ø20mm to Ø914mm (up to max Ø1220mm with options)

**O.D. Weld Range** - Ø20mm to Ø305mm

**Face Welding Range** - Ø20mm to Ø610mm

**Welding Current** - 125 amp (165 amp & 200 amp options available)

**Weight** - 11.4 Kg

**Feeding travel** - 318mm

**Wire Ø** - 0.8 to 1.2mm (.03 to .045")

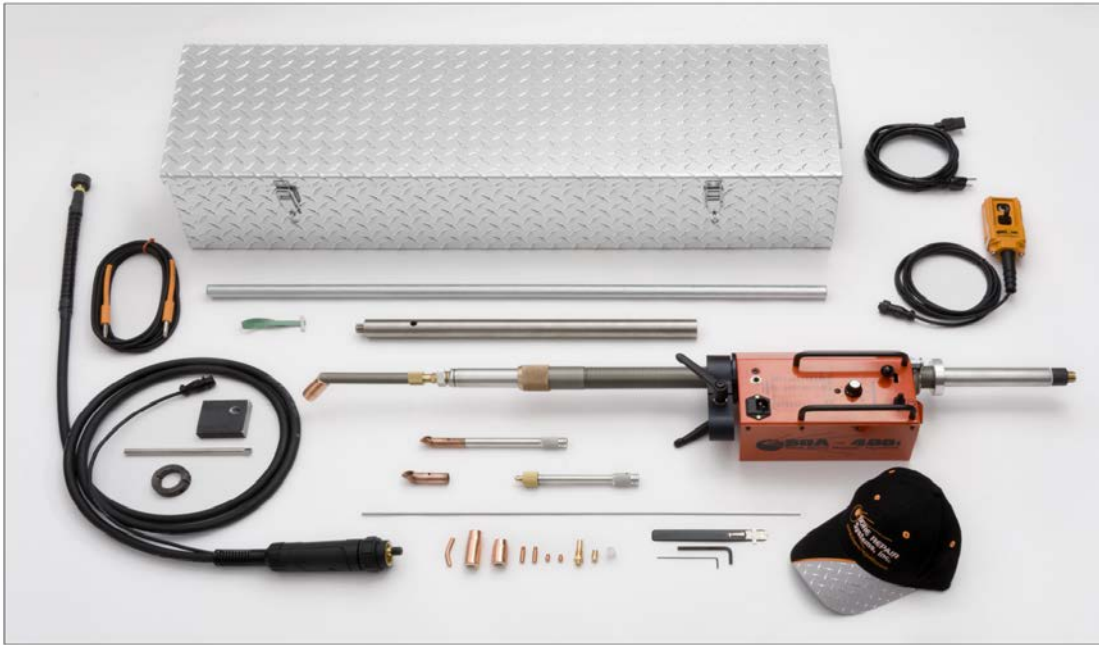
## **BOA-408 S3 System Includes**

- Main drive unit 240 volt
- Long stroke telescopic spindle with extension tube
- Standard conduit 3m (125 amp) with arc start / stop / interrupt switch
- Standard welding gun assembly (quick-connect) with spare nozzle and tip
- Large diameter gun (quick-connect)
- Micro welding gun assembly (quick-connect) for bores down to Ø20mm
- Outside diameter welding gun
- Face welding torch kit that automatically feeds inwards or outwards up to Ø24"
- 2 off gun diameter extensions, each adds 127mm (5") to max diameter
- Axial torch extensions 150mm (6") and 254mm (10")
- 32mm (1.25") stainless steel support tube with re-position groove
- Adjustable "T" base
- Standard wear parts kit
- 2 off radial extension arms 102mm (4") & 203mm (8") for large diameter reach
- Tool kit & Operators manual
- Custom heavy duty aluminum carrying/storage case

## **Options**

- Extra large diameter beam gun welding kit for inside and outside diameters up to Ø1220mm
- Heavy duty (165 amp) & extra heavy duty conduit (200 amp) for higher amperage welding
- Centering tube and cone kit for aligning unit to bore
- Auto skip upgrade & Boring Bar system
- Adaptor for mounting to EV boring bar bearing housing

# **BOA-408 S4 BORE WELDING SYSTEM**



## **BOA-408 S4 Specifications**

**I.D. Weld Range** - Ø20mm to Ø1220mm    **O.D. Weld Range** - Ø20mm to Ø1220mm

**Face Welding Range** - Ø20mm to Ø610mm

**Welding Current** - 165 amp (200 amp option available)

**Weight** - 11.4 Kg

**Feeding travel** - 318mm

**Wire Ø** - 0.8 to 1.2mm (.03 to .045")

## **BOA-408 S4 System Includes**

- Main drive unit 240 volt
- Long stroke telescopic spindle with extension tube
- Heavy duty conduit 3m (165 amp) with arc start / stop / interrupt switch
- Standard welding gun assembly (quick-connect) with spare nozzle and tip
- Large diameter gun (quick-connect)
- Micro welding gun assembly (quick-connect) for bores down to Ø20mm
- Outside diameter welding gun
- Face welding torch kit that automatically feeds inwards or outwards up to Ø24"
- Extra large diameter beam gun welding kit for inside and outside diameters up to Ø1220mm
- Low speed kit for precision speed control when welding large diameters
- 2 off gun diameter extensions, each adds 127mm (5") to max diameter
- Axial torch extensions 150mm (6") and 254mm (10")
- 32mm (1.25") stainless steel support tube with re-position groove
- Adjustable "T" base
- Deluxe wear parts kit
- 2 off radial extension arms 102mm (4") & 203mm (8") for large diameter reach
- Tool kit & Operators manual
- Custom heavy duty aluminum carrying/storage case

## **Options**

- Extra heavy duty conduit (200 amp) for higher amperage welding
- Centering tube and cone kit for aligning unit to bore
- Auto skip upgrade & Boring Bar system
- Adaptor for mounting to EV boring bar bearing housing