

## CLOSED CHAMBER WELDING HEAD 3/4 - 3 in.

### BH80

Model	BH80
Power Source	P200
Weldable Material	CS, SS, Ti alloy
Tube OD	Φ19.05-Φ76.2mm
Inch	3/4 - 3 in.
Max. Wall Thickness	3mm
Standard Collet Size	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 in.
Weld Preparation	Square butt joint
Cooling	Water
Rotation Speed	0.2657-5.31rpm
Tungsten Electrode Dia.	2.4mm
Shielding Gas	Argon
Cable Assembly Length	9.5M
Head Code	46
Weight	5 kg (W/o Cable)
Shipping Weight	17.8 kgs
Package	Hard-sided case
Package Size	750*410*290mm



### Standard Supply

BH80 Welding Head - 1 unit
Collets - 1 set
Tungsten Electrode Grinder - 1 unit
Allen key -1 set
Tungsten Electrode 2.4mm - 2 pcs
Air hose adapter(ø10mm→ø6mm) - 1 pce
5M Fluorine gas hose(ø 6mm) -1 pce
9.5M Cable assembly - 1 pce



### Collets size (Alu.)

mm	Inch	Order No.
19.05	3/4	AS80-19.05
25.4	1	AS80-25.4
31.8	1 1/4	AS80-31.8
38.1	1 1/2	AS80-38.1
50.8	2	AS80-50.8
63.5	2 1/2	AS80-63.5
76.2	3	AS80-76.2



### Cable Assembly

- Positive cable
- Negative cable
- 7 pins AMP aviation plug
- 14 pins AMP aviation plug
- Water hose - 2 pcs
- Air hose

### Welding head button

- Clockwise rotation
- Anticlockwise rotation
- Emergency STOP
- Gas testing
- Start



### Features

- Available for outside diameters ranging from 3/4 to 3 in.
- Self fusion welding method
- Adopts sealed design, and the protection effect is more sufficient
- Flexible automatic centering fixture, precise positioning
- Suitable for tube welding of thin-walled carbon steel, stainless steel, titanium and titanium alloys
- Operation buttons on the welding head makes it is easy to use and suitable for on-site installation.

### Dimension Figure

