

CLOSED CHAMBER WELDING HEAD 1/4 - 1 1/2 in.

BH40

Model	BH40
Power Source	P200
Weldable Material	CS, SS, Ti alloy
Tube OD	Φ6.35-Φ38.1mm
Inch	1/4 - 1 1/2 in.
Max. Wall Thickness	3mm
Standard Collet Size	1/4 , 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2 in.
Weld Preparation	Square butt joint
Cooling	Water
Rotation Speed	0.3-6rpm
Tungsten Electrode Dia.	2.4mm
Shielding Gas	Argon
Cable Assembly Length	9.5M
Head Code	28
Weight	3.5 kg (W/o Cable)
Shipping Weight	16.5 kgs
Package	Hard-sided case
Package Size	750*410*290mm



Standard Supply

BH40 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.
6.35	1/4	AS40-6.35
9.53	3/8	AS40-9.53
12.7	1/2	AS40-12.7
19.05	3/4	AS40-19.05
25.4	1	AS40-25.4
31.8	1 1/4	AS40-31.8
38.1	1 1/2	AS40-38.1



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 1/4 to 1 1/2 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

