

## TPWH-O SERIES (Open Weld Head for Tube and Pipe)

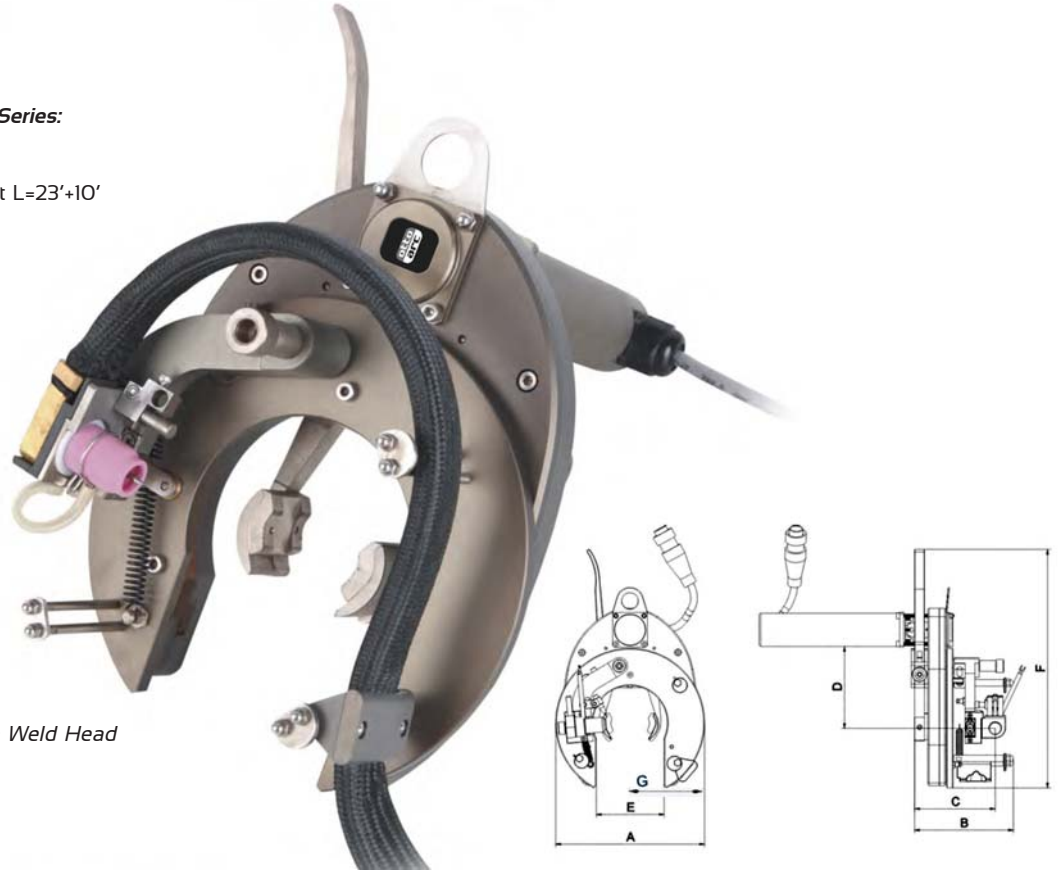
The TPWH-O Series is designed for TIG welding on tube to tube, pipe to pipe and pipe fittings and is suitable for carbon and stainless steel. The TPWH-O Series is used for applications that do not require AVC/OSC. Welds tubing and pipe for industries such as chemical, food, medicine, boilers, military and nuclear industries.

### Cable Details for all O Series:

Rotation L=7m (23')

Water, electric assay

Meters L=7m+3m Feet L=23'+10'



**Pictured:**  
TPWH-O-5 Open Weld Head

## PERFORMANCE

- Suitable for thin wall stainless steel, carbon steel and other common alloys
- Capable of welding 4mm (.158") wall thickness
- Used for tube to tube, tube to flange, tube to elbow and tube to valve etc.
- Automatic all position TIG welding for tube to tube welding with or without wire feed
- Water cooled and highly durable torch design
- Mechanical tracking ensures consistent torch height control
- **Recommended Power Unit = OW-ARC 180**

*Note main dimensions /size chart below.*

TPWH-O Series			
	TPWH-O-1	TPWH-O-3	TPWH-O-5
Tube OD	.625"- 1.625"	.75"- 3"	1.5"- 5"
Tungsten Diameter	2.4mm (3/32")	2.4mm (3/32")	2.4, 3.2mm (3/32", 1/8")
Rotation Speed (rpm)	0.37-7.45	0.19-3.8	0.11-2.2
Protective Gas	Ar / Mixed Gases	Ar / Mixed Gases	Ar / Mixed Gases
Cooling	Water	Water	Water
Cable Length	15m (49')	15m (49')	15m (49')
Cooling Flow (ml/mm)	≥600	≥600	≥600
Weight kg (lbs)	2.5kg (5.5lbs) excludes cable	4kg (9lbs) excludes cable	10.8kg (23lbs) excludes cable
Dimensions (mm)	305 x 128 x 230mm	310 x 180 x 290mm	435 x 300 x 400mm
Dimensions (inches)	12" x 5" x 9"	12" x 7" x 11"	17"x12"x15.5"
<b>Main Dimensions</b>	<b>mm (inches)</b>	<b>mm (inches)</b>	<b>mm (inches)</b>
A	128mm (5.04")	180mm (7.09")	300mm (11.8")
B	115mm (4.5")	120mm (4.75")	235mm (9.25")
C	85.5-92.5mm (3.37"-3.64")	95-101mm (3.75"-4")	132-172mm (5.2-"6.77")
D	165mm (6.5")	92mm (3.62")	165mm (6.5")
E	44mm (1.73")	82mm (3.23")	132mm (5.2")
F	231mm (9.09")	290mm (11")	400mm (15.5")
G	64mm (2.52")	60mm (3.545")	150mm (5.9")