



Open weld heads are clamped on one side of the weld joint. During welding, the gas- or water-cooled torch with hose package rotates around the tube.

Advantages of open weld heads:

- Robust design
- Extremely easy to use
- Option of using additional wire
- Stepless tube size range
- Torch bracket has 90° tilting function

### OSW WELD HEADS

Five weld heads for the OD 8 – 273 mm tube size range

Weld head:	Tube size range mm	inch	Weight
<b>OSW 40</b>	OD 8 – 40 mm	0.394" – 1.575"	2 kg
<b>OSW 80</b>	OD 10 – 76.2 mm	0.394" – 3.000"	3 kg
<b>OSW 115</b>	OD 20 – 114.3 mm	0.787" – 4.500"	4.5 kg
<b>OSW 170</b>	OD 40 – 168.3 mm	1.575" – 6.626"	6.5 kg
<b>OSW 275</b>	OD 88.9 – 273 mm	3.500" – 610.748"	16 kg

In the case of the OSW 275, the rotor can be decoupled and the tongs can be rotated manually.

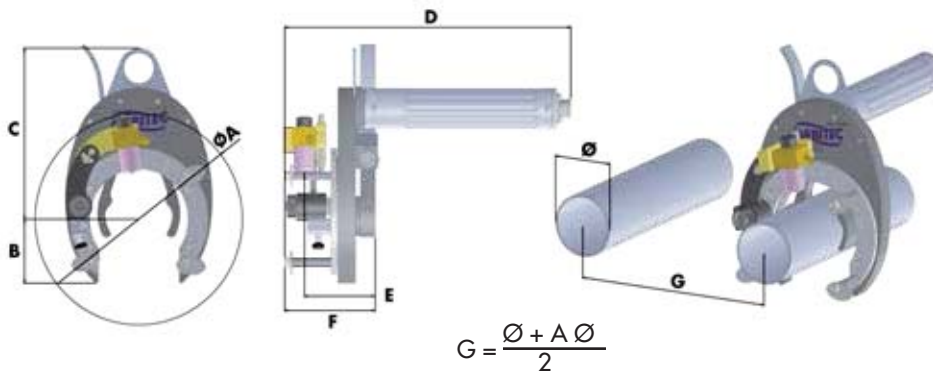
### Package includes:

- Weld head
- Integrated start/stop button on the handle
- Top jaw
- OSW torch bracket (with roll scanning in the case of OSW 275)
- Mechanical headway control

### Optional:

- OSW 40 WITH ANGULAR GEARBOX
- OSW 80 WITH ANGULAR GEARBOX
- OSW 115 WITH ANGULAR GEARBOX
- OSW 170 WITH ANGULAR GEARBOX

### Dimensions table for OSW open orbital weld heads



Weld head	Ø A		B		C		D		E		F	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
OSW 40	120	4.724	40	1.575	145	5.709	310	12.205	81	3.189	91	3.583
OSW 80	210	8.268	64	2.520	171	6.732	290	11.417	69	2.717	91	3.583
OSW 115	243	9.567	90	3.543	210	8.268	290	11.417	69	2.717	91	3.583
OSW 170	310	12.205	134	5.276	266	10.472	290	11.417	69	2.717	91	3.583
OSW 275	465	18.307	180	7.086	410	16.141	310	12.204	105	4.133	125	4.921



Orbital welding systems

Welding tools

Welding accessories

Joint preparation

Purging accessories

Measuring devices

Service / general

1.3.1001  
1.3.1101  
1.3.1201  
1.3.1301  
1.3.1401

1.0.1001  
1.0.1101  
1.0.1201  
1.0.1301