

Process Piping Setup



Orbifeed 5 and 15



External Wire Feed Unit

For use with OSW Weld Heads or turn 300 system

TECHNICAL DATA	ORBIFEED 5	ORBIFEED 15
MOTOR VOLTAGE & POWER	24 V DC, 6 W	24 V DC, 6 W
WEIGHT	Approx. 7 kg	Approx. 7 kg
DIMENSIONS (L x W x H)	406 mm x 330 mm x 174 mm	525 mm x 436 mm x 217 mm
WIRE SPOOLS	Standard spools, 5 kg	Standard spools, 5 kg & 15 kg
WIRE OUTSIDE DIAMETER	0.8 mm/1.0 mm	0.8 mm/1.0 mm

OSW Open-Frame Weld Heads

The open-frame weld head is located on one side of the joint. During welding, a gas- or water-cooled torch and cable assembly rotates around the tube or pipe.



Four weld heads cover the range from 8 mm to 168.3 mm OD

WELD HEAD	TUBE SIZE RANGE		WEIGHT kg / lbs.
	OD (mm)	OD (in.)	
OSW 40	8 – 40	0.394 – 1.575	2 / 4.40
OSW 80	10 – 76.2	0.394 – 3.000	3 / 6.61387
OSW 115	20 – 114.3	0.787 – 4.500	4.5 / 9.9208
OSW 170	OD 40 – 168.3	1.575 – 6.626	6.5 / 14.33



PACKAGE INCLUDES:

- Weld head
- Handle start/stop-button
- Clamp 'shoes'
- Torch bracket
- Arc gap adjusting screw
- Optional:
Angular gear complete

- Robust construction
- Ease of handling
- No size-specific collets needed
- Option to add wire feed

Enclosed Micro Weld Head

The OSK 13S micro weld head is used for applications with extreme narrow space requirements, as in the semiconductor industry. Gas cooled and specially designed to weld micro-fittings.

OD 3.17 mm - 12.7 mm (0.125 in. – 0.500 in.) 2.4 kg (1.1 lbs.)



**COMPACT SIZE FITS
RESTRICTED SPACES**

Reduce Repair Cost

Add a durable Orbitec weld head to your existing orbital controller. Adapter handles are available for most major brands.