

# OPEN WELD HEADS

## OWH



Range from OD 8 mm to 273 mm (0.31" - 10.75")

A unique feature is the ability to upgrade with the wire kit AVC-OSC\*

\*AVC-OSC not available with OWH-40

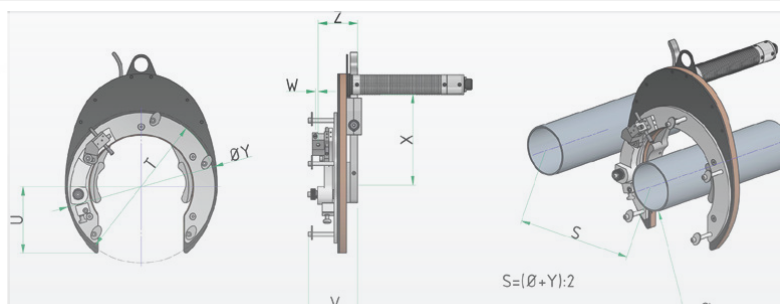


### HIGHLIGHT

- Operation with water- or gas cooled TIG-torches
- Available in tachogenerator-version (AMI, Orbitalum, Magnatech, ESAB, ...)
- Various attachment-possibilities of cold wire-holders
- Accessories: Stabile suitcase with first-class foam material-insert

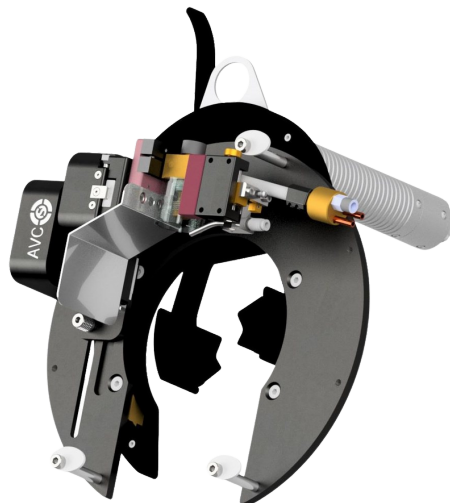
### TECHNICAL DATA

| weld head | range                          | range with screwing clamps    | weight without hose package* | T             | U            | V             | W          | X             | Y max         | Z            |
|-----------|--------------------------------|-------------------------------|------------------------------|---------------|--------------|---------------|------------|---------------|---------------|--------------|
| OWH-40    | 8 - 40 mm<br>0.31" - 1.57"     | 10 - 40 mm<br>0.39" - 1.57"   | 1,7 kg<br>3.75 lbs           | 141<br>5.55"  | 65<br>2.56"  | 98,3<br>3.87" | 7<br>0.28" | 90<br>3.54"   | 235<br>9.25"  | 79<br>3.11"  |
| OWH-76    | 10 - 80 mm<br>0.39" - 3.15"    | 10 - 40 mm<br>0.39" - 1.57"   | 2,5 kg<br>5.51 lbs           | 141<br>5.55"  | 65<br>2.56"  | 98,3<br>3.87" | 7<br>0.28" | 90<br>3.54"   | 235<br>9.25"  | 79<br>3.11"  |
| OWH-114   | 15 - 115 mm<br>0.59" - 4.53"   | 20 - 50 mm<br>0.79" - 1.97"   | 3,8 kg<br>8.38 lbs           | 200<br>7.87"  | 92<br>3.62"  | 99,3<br>3.87" | 7<br>0.28" | 130<br>5.12"  | 322<br>12.68" | 79<br>3.11"  |
| OWH-168   | 25 - 170 mm<br>0.98" - 6.69"   | 25 - 80 mm<br>0.98" - 3.15"   | 6,8 kg<br>14.99 lbs          | 297<br>11.69" | 133<br>5.24" | 99,3<br>3.87" | 7<br>0.28" | 185<br>7.28"  | 476<br>18.74" | 79<br>3.11"  |
| OWH-273   | 101 - 273 mm<br>3.98" - 10.75" | 101 - 170 mm<br>3.98" - 6.69" | 14,2 kg<br>33.1 lbs          | 450<br>17.72" | 220<br>8.66" | 126<br>4.96"  | 7<br>0.28" | 270<br>10.63" | 450<br>17.72" | 100<br>3.94" |



# Wire kit

## AVC-OSC



**Combined with an AVC-OSC  
(Arc Voltage Control-Oscillation) plate enables precise,  
consistent multi-layer passes for high-quality welds**

### SPECIFICATIONS

- Travelling distance (AVC and OSC) -12,5 mm to + 12,5 mm (+/- 0.49")
- Additional equipment necessary:
  - Plate for each weld head
  - Wire holder Version Pro for OSC applications
- Easy and fast assembly and disassembly

### TECHNICAL DATA

| weld head       | range                          | range with<br>screwing clamps | weight without<br>hose package* |
|-----------------|--------------------------------|-------------------------------|---------------------------------|
| OWH-76 AVC-OSC  | 10 - 80 mm<br>0.39" - 3.15"    | 10 - 40 mm<br>0.39" - 1.57"   | 4,6 kg<br>10.14 lbs             |
| OWH-114 AVC-OSC | 20 - 115 mm<br>0.79" - 4.53"   | 20 - 50 mm<br>0.79" - 1.97"   | 5,75 kg<br>12,68 lbs            |
| OWH-168 AVC-OSC | 25 - 170 mm<br>0.98" - 6.69"   | 25 - 80 mm<br>0.98" - 3.15"   | 9 kg<br>19.84 lbs               |
| OWH-273 AVC-OSC | 101 - 273 mm<br>3.98" - 10.75" | 101 - 170 mm<br>3.98" - 6.69" | 16,9 kg<br>37.26 lbs            |

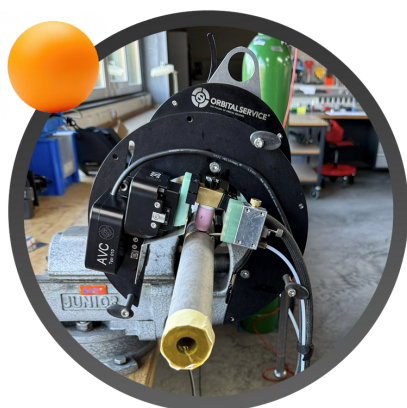
\*hose package depends if the head is used with or without wire feeder and if the torch is gas- or water-cooled.



**MADE IN GERMANY**

## ACCESSORIES

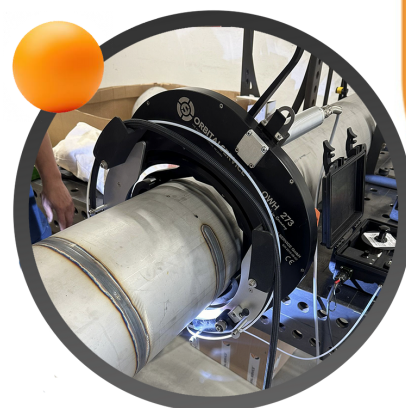
- Gas-cooled hose package, incl. TIG-torch
- Water-cooled hose package, incl. TIG-torch
- Interconnection cable without cold wire feeder plug
- Interconnection cable with cold wire feeder plug
- 16 mm<sup>2</sup> (0.025 in<sup>2</sup>) ground cable with terminal
- Wide torch holder aluminium
- Standard torch holder aluminium
- Matching transport case additionally available
- Several torch wearing parts (also Pyrex-Jumbo nozzles Made in USA)
- Special lengths for hose packages, ground- and interconnection cables on demand



**OWH-76 AVC-OSC**



**OWH-114**



**OWH-273**