

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

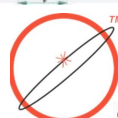
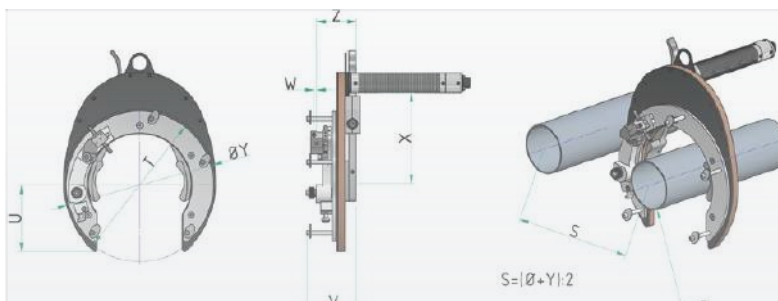


HIGHLIGHT

- 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 0.31" - 1.57"	10 - 40 mm 0.39" - 1.57"	1,7 kg 3.75 lbs	141 5.55"	65 2.56"	98,3 3.87"	7 0.28"	90 3.54"	235 9.25"	79 3.11"
OWH-76	10 - 80 mm 0.39" - 3.15"	10 - 40 mm 0.39" - 1.57"	2,5 kg 5.51 lbs	141 5.55"	65 2.56"	98,3 3.87"	7 0.28"	90 3.54"	235 9.25"	79 3.11"
OWH-114	15 - 115 mm 0.59" - 4.53"	20 - 50 mm 0.79" - 1.97"	3,8 kg 8.38 lbs	200 7.87"	92 3.62"	99,3 3.87"	7 0.28"	130 5.12"	322 12.68"	79 3.11"
OWH-168	25 - 170 mm 0.98" - 6.69"	25 - 80 mm 0.98" - 3.15"	6,8 kg 14.99 lbs	297 11.69"	133 5.24"	99,3 3.87"	7 0.28"	185 7.28"	476 18.74"	79 3.11"
OWH-273	101 - 273 mm 3.98" - 10.75"	101 - 170 mm 3.98" - 6.69"	14,2 kg 33.1 lbs	450 17.72"	220 8.66"	126 4.96"	7 0.28"	270 10.63"	450 17.72"	100 3.94"



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Making The Weld Go Round™

ORBITAL WELDING EQUIPMENT - SYSTEMS & PROCESS TOOLS

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Wire kit

AVC-OSC



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

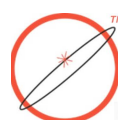
SPECIFICATIONS

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



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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 mm² (0.025 in²) 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



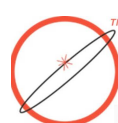
OWH-76 AVC-OSC



OWH-114



OWH-273



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