



Model Sample

# OMISA WhiteLine HWT 400 Manual

This member of the **OMISA** workshop technology series is used for the manufacture of segments made of PE, PP, PVDF and ships **fitted with narrow aluminium clamping jaws**.

The design of the machine is such that segments up to O.D. 400 mm with any SDR ratio can be processed.

The system was developed under the machinery directive 2006/42/EC as amended and is set on a welded and bolted, totally heavy-duty support frame resistant to warping by design. Both the movable carriage of the system and the console carrying the

heating element and the facing tool travel on precision-engineered, heavy load-bearing trapeze-shaped guides constructed with precision-matched runner blocks. The PTFE-coated heating element managed by a microcontroller turns conveniently and effortlessly around its axis for insertion and removal. The two clamping jaws can be swiveled by up to 2 x 22.5 deg. on both sides and feature horizontal adjustability, to allow for compensating any misalignments. The facing tool has a rugged chain drive mechanism and can be inserted and fastened between the component butts easy as ABC using a gas-pressurized cylinder.

## OMISA HWT 400 Manual characteristics

P/N	HWT400-M-S
<b>Technical specs</b>	
<b>Voltage</b>	3 ph., N, PE, 400 V AC $\pm$ 10 %
<b>Frequency</b>	50/60 Hz
<b>Overall rated power</b>	9 kW
<b>Heating el. rated power</b>	5 kW
<b>Facing tool rated power</b>	1.85 kW
<b>Hydr. unit rated power</b>	1.5 kW
<b>Dimensions, weights</b>	
<b>Dimensions (W x D x H)</b>	approx. 1100 x 1500 x 1600 mm
<b>Weight, incl. clamping jaws</b>	557 kg
<b>Operating specs</b>	
<b>Heating element temperature range</b>	max. 290 °C   max. 555 °F
<b>Hydr. pressure range</b>	max. 120 bar   max. 1740 psi
<b>Ambient temperature (operating)</b>	$\pm$ 0 °C thru + 60 °C   32 °F thru 140 °F
<b>Ambient temperature (stored)</b>	- 10 °C thru + 70 °C   15 °F thru 160 °F

Operating range		
Straight pipe Segments	90 - 400 mm	
Approvals, quality, ingress protection	CE, ISO 9001 : 2015, IP20, WEEE reg. no. DE 74849106, RoHS-compliant	
Accessories	User's manual DE, EN, FR, ES, RU, operator ID card, tools	
Optional components		
Replacement blade	P/N	315-109-026
Additional cylinder	P/N	200-260-410
Welding neck support	P/N	200-604-355
Add-in reducers 90 mm for short radius 22.5 deg.	P/N	406-146-000
Add-in reducers 90 mm for short radius 30 deg.	P/N	406-147-000
Add-in reducers 110 mm for short radius 22.5 deg.	P/N	406-148-000
Add-in reducers 110 mm for short radius 30 deg.	P/N	406-149-000
Angle support bracket	P/N	406-155-000

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