



Model Sample

HÜRNER WhiteLine HWT 400 Manual

This member of the **HÜRNER** workshop technology series is used for the manufacture of segments made of PE, PP, PVDF and ships **fitted with narrow aluminum 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 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 2×22.5 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.

HÜRNER HWT 400 Manual characteristics

P/N	406-000-008	Operating specs	
Technical specs			
Voltage	3 ph., N, PE, 400 V AC ± 10%	Heating element temperature range	max. 290°C max. 555° F
Frequency	50/60 Hz	Hydraulic pressure range	max. 120 bar max. 1740 psi
Overall rated power	9 kW	Ambient temperature (operating)	±0°C thru +60°C 32°F thru 140°F
Heating element rated power	5 kW	Ambient temperature (stored)	-10°C thru +70°C 15°F thru 160°F
Facing tool rated power	1.85 kW	Operating range w/ straight pipe, segments	90-400 mm 3"-16" IPS
Hydraulic unit rated power	1.5 kW	Operating range w/ Tees, crosspieces, Ys¹⁾	90-315 mm 3"-12" IPS
Dimensions, weights			
Dimensions (W x D x H)	approx. 1100 x 1500 x 1600 mm	Optional components	
Weight inclusive of clamping jaws	557 kg	Replacement blade	P/N 200-600-035
Approvals, quality, ingress protection			
	CE, ISO 9001:2015, IP 20, WEEE reg. no. DE 74849106, RoHS-compliant	Additional cylinder	P/N 406-130-000
Accessories			
	User's manual DE, EN, FR, ES, RU, tools	Welding neck support	P/N 406-414-000
		Angle support bracket	P/N 406-155-000
		4 heavy-duty rollers for easy moving of the machine	P/N 406-820-011

¹⁾ requires optional clamps for Tees / crosspieces and/or clamps for Ys (60 deg.)

Also available as an option



Cast-aluminum clamping jaws



Clamps for Tees / crosspieces



Clamps for Ys (60 deg.)



Welding neck support (two-piece)

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Your partner for HÜRNER Schweißtechnik:

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