



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  $2 \times 22.5$  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
<b>Technical specs</b>	
Voltage	3 ph., N, PE, 400 V AC $\pm$ 10%
Frequency	50/60 Hz
Overall rated power	9 kW
Heating element rated power	5 kW
Facing tool rated power	1.85 kW
Hydraulic unit rated power	1.5 kW
<b>Dimensions, weights</b>	
Dimensions (W x D x H)	approx. 1100 x 1500 x 1600 mm
Weight inclusive of clamping jaws	557 kg
Approvals, quality, ingress protection	CE, ISO 9001:2015, IP 20, WEEE reg. no. DE 74849106, RoHS-compliant
Accessories	User's manual DE, EN, FR, ES, RU, tools

Operating specs		
Heating element temperature range	max. 290°C   max. 555° F	
Hydraulic pressure range	max. 120 bar   max. 1740 psi	
Ambient temperature (operating)	±0°C thru +60°C   32°F thru 140°F	
Ambient temperature (stored)	−10°C thru +70°C   15°F thru 160°F	
Operating range w/ straight pipe, segments	90–400 mm 3" – 16" IPS	
Operating range w/ Tees, crosspieces, Ys <sup>1)</sup>	90–315 mm 3" – 12" IPS	
Optional components		
Replacement blade	P/N	200-600-035
Additional cylinder	P/N	406-130-000
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

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

Also available as an option



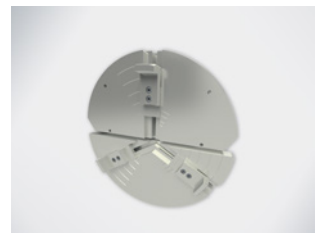
Cast-aluminum clamping jaws



Clamps for Tees / crosspieces



Clamps for Ys (60 deg.)



Welding neck support (two-piece)

10.2025



#### You want to learn more about us?

Feel free to ask for a meeting on our premises. Detailed information on the company and on our product range is also available on-line at [www.huerner.de](http://www.huerner.de)

# HÜRNER

SCHWEISSTECHNIK

#### HÜRNER Schweisstechnik GmbH

Technologie Straße  
35325 Mücke  
GERMANY

Ph +49 6401 9127 0

E-Mail: [op@huerner.de](mailto:op@huerner.de)

Internet: [www.huerner.de](http://www.huerner.de)

Your partner for HÜRNER Schweisstechnik:

# KVG

Kunststoff-Vertriebs KG

#### KVG Kunststoff-Vertriebs KG

Feincheswiese 5  
56424 Staudt  
GERMANY

Ph +49 2602 68050

E-Mail: [info@kvg-staudt.de](mailto:info@kvg-staudt.de)

Internet: [www.kvg-staudt.de](http://www.kvg-staudt.de)