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our product range is also available on-line at  
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HÜRNER WhiteLine  
HWT 250 MI / 315 MI

**KVG**

Kunststoff-Vertriebs KG

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HÜRNER HWT 315 MI und HWT 250 MI depicted

P/N	HWT 250 MI	HWT 315 MI
230 V	408-000-000	435-000-000
110 V	408-000-001	435-000-001
Reducer set, aluminium incl. pipe supports	408-401-SET	435-401-SET
Reducer set, steel incl. pipe supports	408-402-SET	435-402-SET
Reducer set, IPS incl. pipe supports	408-403-SET	435-403-SET
<b>Technical specs</b>		
Input voltage	230 V AC / 110 V AC	230 V AC / 110 V AC
Frequency	50/60 Hz	50/60 Hz
Overall rated power	3,2 kW	3,6 kW
<b>Dimensions, weights</b>		
Dimensions (W x D x H)	approx. 880 x 740 x 585 mm	approx. 950 x 750 x 650 mm
Reducer inserts	50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225 mm   1½", 2", 2½", 3", 3½", 4", 5", 6", 8" IPS	90, 110, 125, 140, 160, 180, 200, 225, 250, 280 mm   3", 3½", 4", 5", 6", 8", 10" IPS
Weight inclusive of clamps	approx. 83 kg	approx. 121 kg
Accessories	Wooden transport box, user's manual, tools	Wooden transport box, user's manual, tools
<b>Operating characteristics</b>		
Heating element temperature range	max. 280°C   max. 536°F	max. 280°C   max. 536°F
Force rating	max. 1700 N	max. 2700 N
Ambient temperature (operation)	±0°C thru +60°C   32°F thru 140°F	±0°C thru +60°C   32°F thru 140°F
Ambient temperature (storage)	-10°C thru +70°C   15°F thru 160°F	-10°C thru +70°C   15°F thru 160°F
Operating range w/ straight pipe, segments	50–250 mm, SDR 11   1½"–8" IPS	90–315 mm, SDR 11   3"–12" IPS
<b>Optional components</b>		
Welding neck support	P/N 408-250-000	P/N 435-250-000
Replacement blade	P/N 351-315-010	P/N 350-500-011
Flight case with reducer compartments	P/N 408-700-000	P/N 435-700-000

<sup>1)</sup> upon request

<sup>2)</sup> 250 MI: PP 250 SDR 11, PE 250 SDR 17  
315 MI: PP 315 SDR 11, PE 315 SDR 17

**HÜRNER HWT 250 MI und 315 MI for manufacturing PE, PE 100 RC, PP, and PVDF<sup>1)</sup> pipes, segmented bends, and fittings.**

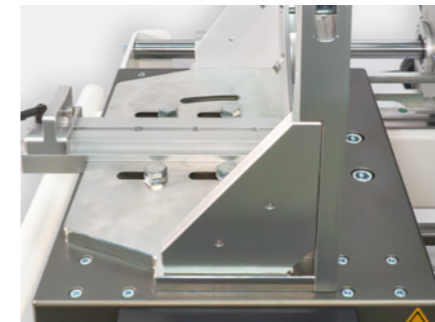
The design of the machine is such that pipes, segments O.D. 50–250 mm / 1½"–8" or O.D. 90–315 mm / 3"–12" with any SDR ratio up to SDR 11<sup>2)</sup> can be processed. The design of the reducers is such that parts with short radius and short mounting stub can also be welded.

- The system was developed under the machinery directive 2006/42/EC as amended, as far as applicable, 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 shafts and trapeze-shaped guides constructed with smoothly travelling runner blocks.

- Inserting the PTFE-coated heating element and the facing tool manually is as convenient as it is effortless.
- The swiveling master clamps on both sides can be rotated by up to 2 x 15 deg. (±30 deg.) and also feature horizontal adjustability, to allow for compensating any misalignments.
- Heating element temperature control and facing tool operation are comfortably managed on the front panel.

- For storing and transporting the HÜRNER HWT 250 MI and 315 MI, a high-spec wooden transport box specifically designed for the welding system with drawerlike inlays for reductions and accessories is included.



**Straight slots for adjusting the clamps**

Both clamps can be repositioned longitudinally in the straight fastening slots, allowing flexible adjustment of the distance, e.g. when welding stub flanges.



**Force indicator**

The force indicator is easy to read from above, with HWT 250 MI up to 1700 N and HWT 315 MI up to 2700 N.



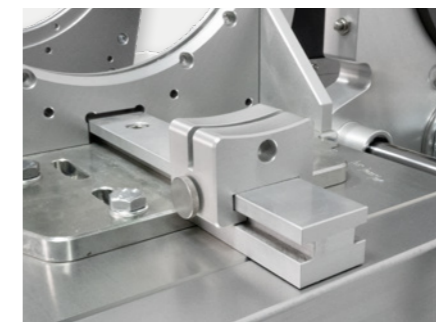
**Digital temperature gauge**

for precise control of the heating element temperature.



**Horizontal adjustability**

The right-hand carriage of the HWT 250 MI and 315 MI chassis is included in a design that allows the adjustment in the horizontal dimensions, ensuring easy and professional alignment of pipes and fittings.



**Pipe supports**

The pipe supports ensure maximum precision during welding – even with bends and fittings with an extremely short joining stub.



**Wooden transport box**

This high-quality and heavy-duty transport box with reduction compartments ensures safe storage of the machine for transport or shipping.