

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



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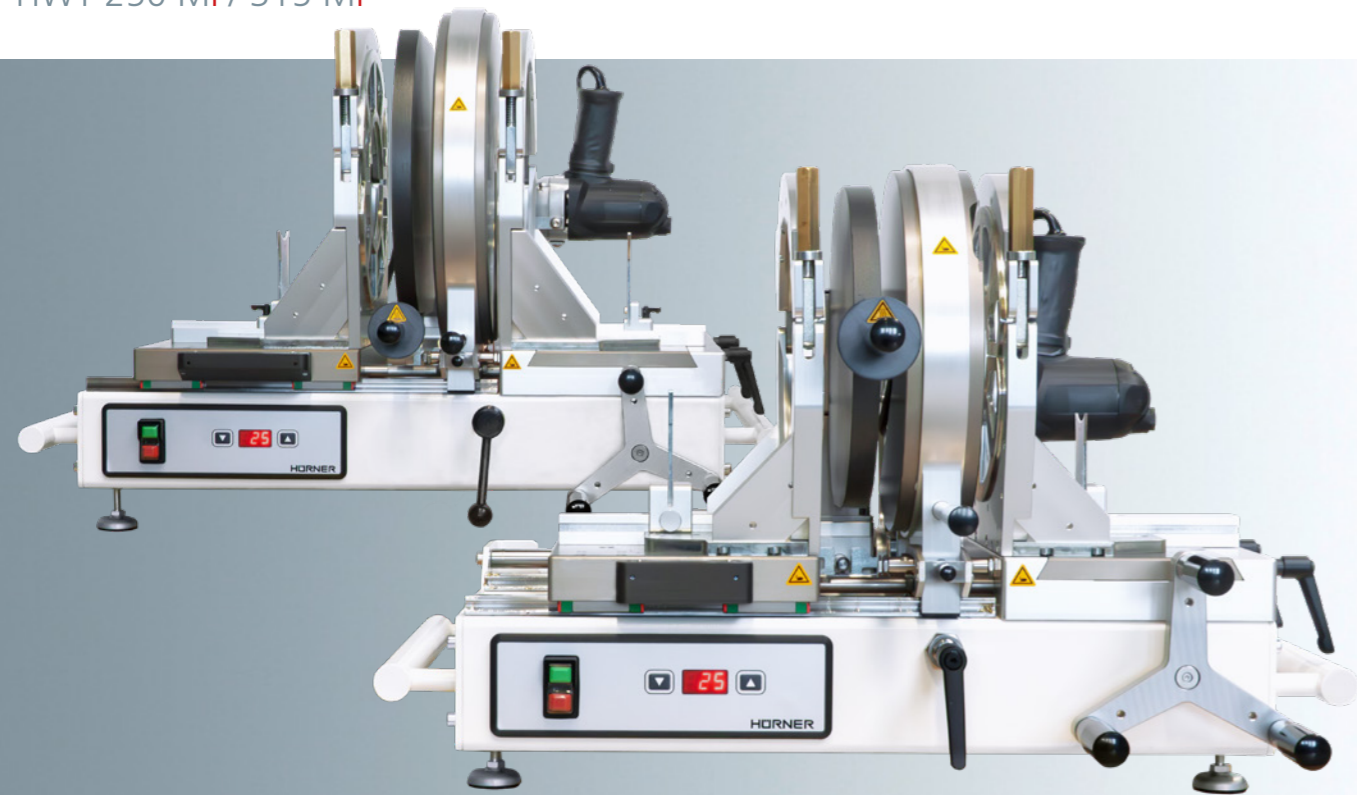
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HÜRNER WhiteLine HWT 250 MI / 315 MI

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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
Technical specs		
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
Dimensions, weights		
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
Operating characteristics		
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
Optional components		
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

¹⁾ upon request

²⁾ 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 PVDF¹⁾ pipes, segmented bends, and fittings.

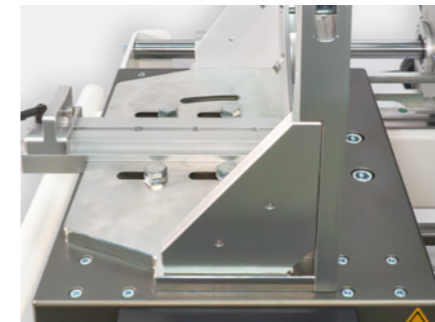
The design of the machine is such that pipes, segments O.D. 50–250 mm / 1½"–8" or O.D. 90–315 mm / 3"–12" with any SDR ratio up to SDR 11²⁾ can be processed. The design of the reducers is such that parts with short radius and short mounting stub can also be welded.

- 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.



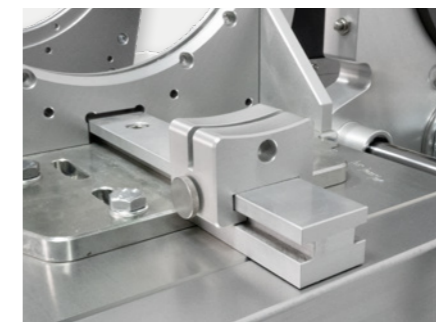
Digital temperature gauge

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.