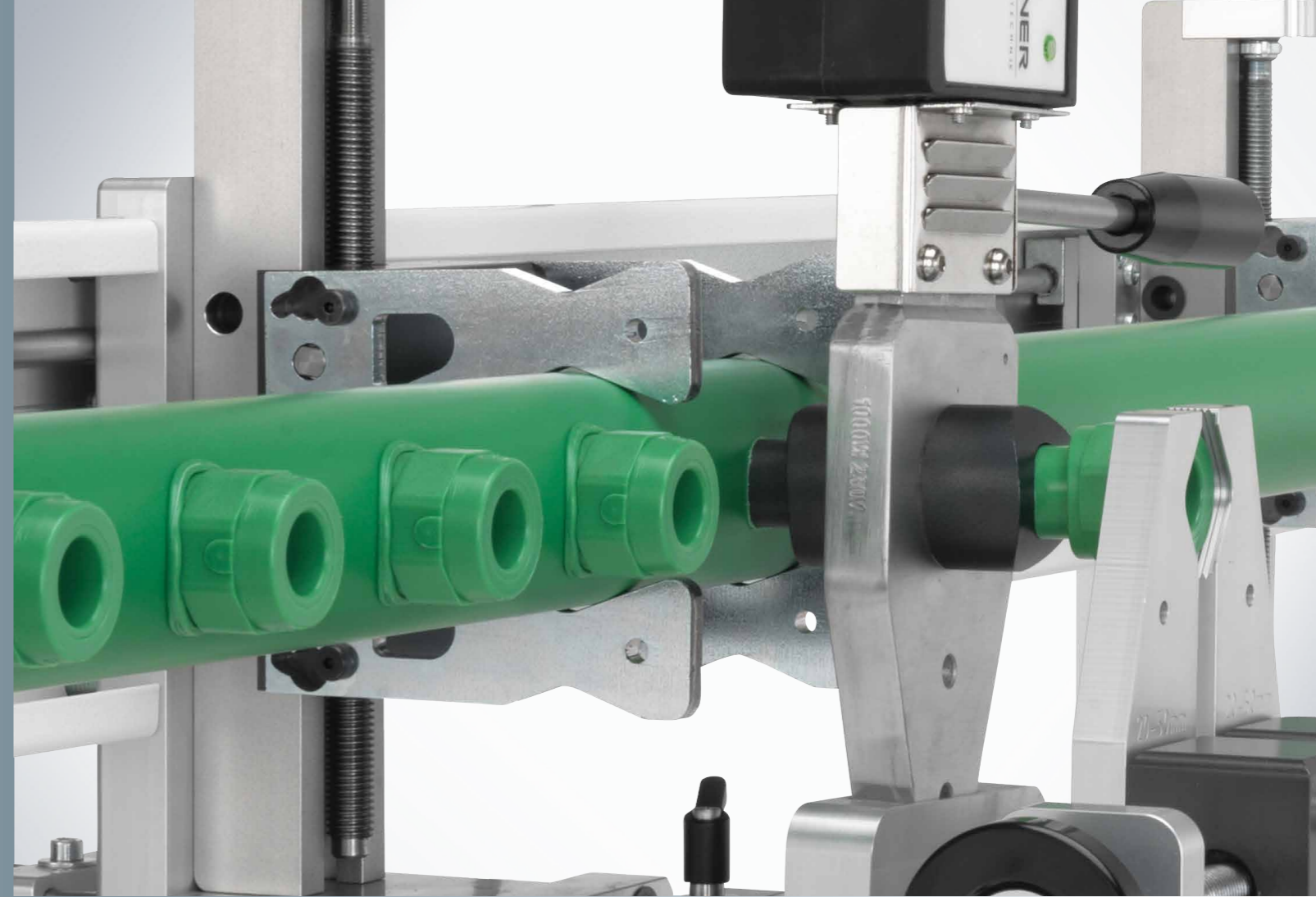


You want to learn more about us?

Feel free to ask for a meeting on our premises.
Detailed information on our company and on
our product range is also available on-line at
www.huerner.de



12.2021

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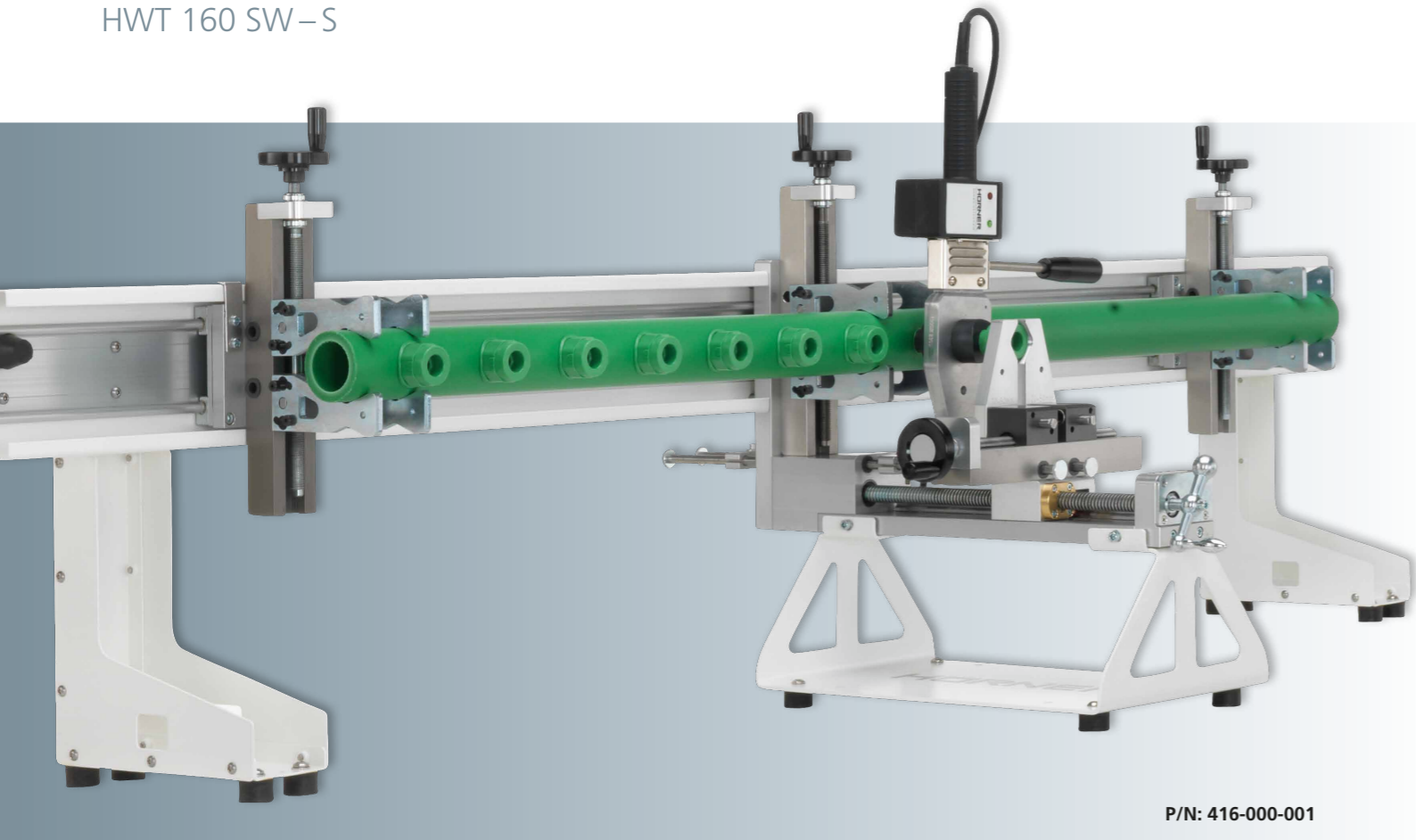
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HÜRNER HWT 160 SW – S

EN

HÜRNER

SCHWEISSTECHNIK



P/N: 416-000-001

Technical Specifications	
Operating range	Straight pipeline O.D. 40 - 160 mm Branch-off fitting O.D. 20 - 90 mm
Materials	PP, PP-R, PEHD, others upon request
Heating element temperature range	260 °C 500 °F (200 °C à 270 °C 392 °F à 518 °F)
Included accessories	All-purpose pipe aligners for straight pipeline sized O.D. 40 - 160 mm Bracket for a cordless drill/screwdriver Ø 43 mm driving the drilling head (cordless power tool not available) Clamps for branch-off fittings in saddle position sized up to O.D. 63 mm, for precision positioning of cylindrical and octagonal components 2 adjustable insertion depth setpoints User's manual DE, EN, FR, RU, ES (PT), DA
HWT 160 SW-S	
HWT 160 SW-S	P/N: 416-000-000
Dimension of basic clamping chassis (W x H x D)	360 x 650 x 610 mm
Weight of machine	21 kg
HWT 160 SW-S incl. movable LH and RH pipe supports	P/N: 416-000-001
Footprint of machine (W x H x D)	2000 x 650 x 610 mm
Weight of machine	43 kg
Required accessories	
Heating element w/ electronic temperature control for socket and spigot for saddle branch-off fittings 20 - 63 mm, 230 V/50 Hz, 1.0 kW	P/N: 416-074-000
Heating element w/ electronic temperature control for socket and spigot for saddle branch-off fittings 63 - 90 mm, 230 V/50 Hz, 1.5 kW	P/N: 416-074-001
Heating element w/ electronic temperature control for socket and spigot for saddle branch-off fittings 20 - 63 mm, 110 V/50 Hz, 0.9 kW	P/N: 416-074-002
Heating element w/ electronic temperature control for socket and spigot for saddle branch-off fittings 63 - 90 mm, 110 V/50 Hz, 1.4 kW	P/N: 416-074-003

The **HÜRNER HWT 160 SW-S** is a professional socket welder for saddle-style fittings designed for all-purpose welding applications in PP, PP-R, and PEHD pipeline grids, to make branch-offs of O.D. 20 - 90 mm to straight pipelines of O.D. 40 - 160 mm. It is the ideal choice for making lines branching off from the pipe in a saddle position in tight corners, but also for workshop applications meant for the serial manufacture by a reliable process of distribution/manifold lines with the help of a movable right-hand and left-hand pipe clamp.

The standard delivery includes the all-purpose pipe aligners for straight pipelines sized O.D. 40 - 160 mm, a bracket compatible with various cordless drills/screwdrivers driving the drilling head, and clamps for branch-offs in the saddle position up to

O.D. 63 mm allowing precision alignment of cylindrical and octagonal fittings.

With the **HÜRNER** quick mounting system, the clamps can be replaced as easy as ABC.

The chassis/carriage, without the RH and LH pipe-aligning clamps, can be removed from its steel frame by simply loosening 4 mounting screws and can then be used in areas that are hard to reach or overhead.

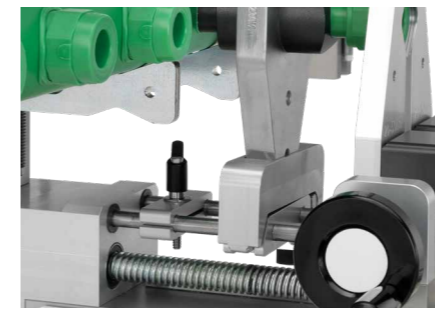
The movement of both the clamps for the straight pipe and the clamping chassis for the saddle fitting are implemented as using ergonomically designed handwheels. Additionally, the handwheel for the moving carriage/chassis can be removed very easily, to move the clamping chassis/carriage with a common power tool (cordless drill/screwdriver) as its drive.

A special mention deserve the heating element seat next to the chassis for clamping the saddle fitting, on which to place the heating element, and the two freely adjustable depth setpoints. The easy insertion and safe and swift removal of the heating element, including centering and an auto-detaching step in the change-over stage, bring a use as convenient as to be considered unique.

The two insertion depth setpoints provide, on the one hand, consistent fusion depth and welding position and, on the other, shorter length of movements, thus faster change-over.

Special octagonal clamps for branch-off fittings, of various wrench sizes, are also available.

All components are covered by HÜRNER's manufacturer warranty!



Heating element seat and freely adjustable insertion depth setpoints



RH and LH pipe clamp/aligner with measuring tape



Bracket for cordless drill/screwdriver



Basic clamping chassis incl. optional accessories - P/N 416-000-000



Precision manufacture of individual parts up to 160/90 mm



Octagonal clamps

Optional accessories		
Extension kit RH pipe clamp/aligner, incl. measuring tape	P/N:	416-132-000
Extension kit LH pipe clamp/aligner, incl. measuring tape	P/N:	416-131-000
Clamp kit: 2 clamps for on-saddle fittings O.D. 75 - 90 mm	P/N:	416-125-000
Clamp kit: 2 octagonal clamps wrench size 51*)	P/N:	416-126-000
Clamp kit: 2 octagonal clamps wrench size 38*)	P/N:	416-127-000
Bracket for a cordless drill/screwdriver Ø 62 mm	P/N:	416-128-000
Stopwatch timer for managing welding times	P/N:	219-000-029
Drilling heads for opening in pipe saddle	O.D. 20 - 90 mm (sizes upon request)	
Heating sockets and spigots for on-saddle fittings	O.D. 20 - 90 mm (sizes upon request)	

*) other sizes upon request