

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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HÜRNER WhiteLine SmartLine Hydraulic

EN

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Stand-alone in Butt-Welding

The series of butt-welding machines of the new SmartLine Hydraulic generation makes a statement by its superior manufacturing quality as well as by utmost suitability for the construction site.

- The machine ships with a hydraulic unit which is absolutely compact and easy to operate. The controls and all electronic components are constructed with standard-compliant ingress protection rated IP 54. The hydraulic unit also doubles as the central control panel of the machine with which the user performs all relevant settings and process steps. The front panel features the critical process controls, and also the digital temperature control for the heating element and the extra-large and conveniently readable pressure gauge.
- The heating element is connected directly to the hydraulic controller. Therefore, no additional control box is needed.
- All HÜRNER SmartLine Hydraulic butt-welding machines can easily be upgraded with the HÜRNER data logger SPG 2.0 for welding parameter viewing, monitor-

ing, and recording. As a consequence the model version "SmartLine + SPG" of the butt-welding machine complies with mains gas distributors' specification requirements, which state that data recording and report generation is mandatory, but do not require automatic welding processes.

- The 4th clamp of the machine chassis can be easily removed by loosening 3 bolts, for welding operations at locations where positioning the machine is a challenge and for joints with tees or other fitting elements. This turns the machine into a fully functional "short" chassis with only three clamps.
- The machine chassis is set on a specifically developed support frame exhibiting a warp resistance that manages with ease even the most extreme pipe parameters. Operators can be sure that the machine chassis does not tilt or twist even when very long lengths of pipe with very thick walls are processed.
- The facing tool with integrated micro-safety switch is driven by a high-quality power drive engaged by a transmission chain. The precision heating element ships with a very

ugged anti-stick coating.

- A carrying rack is provided for the heating element and the facing tool, to store them with no worries about the heat.
- Maximum protection of the machine, while it is stowed away, is provided (up to O.D. 315) by an optionally available, high-quality transport box that has been specifically designed for the entire machine assembly, with drawer-style storage compartments for the reducer inserts.
- For all machines a welding neck support is of course available, too.

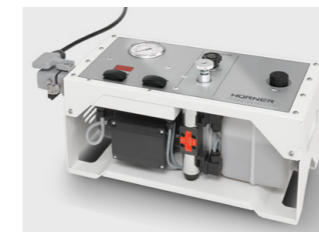
All components are covered by the HÜRNER warranty!

Technical Specs	160 mm	200 mm	250 mm	315 mm	355 mm
P/N	350-000-500	350-000-501	350-000-502	350-000-503	350-000-504
Welding range O.D. (mm)	40 - 160	63 - 200	(63) 75 - 250	90 - 315	90 - 355
Power Supply	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
Rated power (kW)	2.45	3.45	3.65	4.65	5.25
Overall weight with all components (kg), w/o reducers	76	95	123	173	229
Reducer inserts	40, 50, 63, 75, 90, 110, 125, 140	63, 75, 90, 110, 125, 140, 160, 180	(63)*, 75, 90, 110, 125, 140, 160, 180, 200, 225	90, 110, 125, 140, 160, 180, 200, 225, 250, 280	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315
Welding neck support*)	-	-	■	■	■
Automatic, "jumping" heating element*)	■	-	■	■	-
Included standard delivery:					
Hydraulic controller for SmartLine with centralized controls	■	■	■	■	■
Basic machine chassis	■	■	■	■	■
Facing tool with micro-switch	■	■	■	■	■
PTFE-coated heating element	■	■	■	■	■
Carrying rack	■	■	■	■	■
HÜRNER transport box for reducers and machine*)	■	■	■	■	-
HÜRNER steel reducers, screw-fastened	■	■	-	-	-

*) Available as an option



Centralized temperature control



All connections at the back panel of the hydraulic unit



Steel reducers, screw-fastened



Welding neck support (as an option)

HÜRNER SmartLine Hydraulic characteristics

Welding monitoring system	Heating element temperature
Display screen	Numeric 7-segment characters, character height 10 mm
Approvals, quality, ingress protection	CE, ISO 9001: 2008, IP 54 (IP 64 optional), WEEE Reg. No. DE 74849106, RoHS-compliant
Hydraulic unit	Direct connection of heating element to hydraulic controller Digital heating element temperature control, adjustable at the hydraulic unit Hydraulic unit fully encased in rugged steel enclosure weighing as little as 22.5 kg (up to O.D. 355 mm) Max. pressure, up to O.D. 355 mm, 130 bar Accurate and maintenance-free gauge showing the welding pressures Easy upgrade of the hydraulic and control unit with a SPG 2.0 data logger for report generation
Manufacturer warranty	12 months