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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  
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## HÜRNER WhiteLine SmartLine 2.0

EN

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Stand-alone in Butt-Welding

Technical Specs	500 mm	630mm
P/N with steel reducers	351-500-000	351-630-000
P/N with aluminium reducers <sup>1)</sup>		
Welding range O.D. (mm)	250-500	315-630
Power Supply	230 V 50 Hz	400 V 50 Hz
Rated power (kW)	5,5	10,7
Overall weight with all components (kg)	308	398
Reducer inserts available	250, 280, 315, 355, 400, 450	315, 355, 400, 450, 500, 560
Welding neck support <sup>*)</sup>	■	■
Automatic, "jumping" heating element <sup>*)</sup>	-	-
<b>Included standard delivery</b>		
SmartLine Hydraulic controller	■	■
Basic machine chassis	■	■
Facing tool with micro-switch	■	■
PTFE-coated heating element	■	■
Carrying rack	■	■
HÜRNER transport box for reducers and machine <sup>*)</sup>	-	-
HÜRNER steel reducers	-	-
HÜRNER aluminium reducers <sup>1)</sup>	TBC	TBC

<sup>1)</sup> upon request

<sup>\*)</sup> available as an option

The manually Hydraulic Series of butt-welding machines in the new WhiteLine generation makes a statement by its superior manufacturing quality and its scalability in the form of an easy upgrade to a data logging-enabled machine with the installation of an SPG 2.0 data logger for welding report generation.

- The hydraulic unit also doubles as the central control unit of the machine with which the user performs all relevant settings steps. The front panel features a GT keypad to adjust the temperature of the heating element and the extra-large and conveniently readable pressure gauge.
- All HÜRNER manually Hydraulic butt-welding machines can easily be upgraded with the HÜRNER data logger SPG 2.0 for welding parameter viewing, monitoring, and recording.

As a consequence the model version "Manual + 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 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 PTFE-coated heating element ships with a very rugged 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. 355) 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.



Centralized temperature control



SmartLine 2.0 Hydraulic



Transport box (optional)



Welding neck support (optional)

### HÜRNER SmartLine Hydraulic 2.0 characteristics

Welding monitoring system	Heating element temperature
Display screen	Numeric 7-segment characters, character height 10 mm
Approvals, quality, ingress protection	CE, ISO 9001: 2015, RAEE-compliant, RoHS-compliant
Hydraulic unit	Digital heating element temperature control, adjustable at the hydraulic unit Hydraulic unit fully encased in rugged steel enclosure weighing as little as 26 kg (up to O.D. 355 mm) Max. pressure 150 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 ■ Pressure sensor 160 bar installable to the hydraulic unit ■ Specifically designed support for construction site-suitable installation of the data logger to the edge of the hydraulics ■ Pressure and temperature lines connected directly to the hydraulic unit with very short lengths of hose or cable ■ Power supply to the data logger from the power socket of the hydraulic unit
Manufacturer warranty	12 months