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 Manual Hydraulic

HÜRNER

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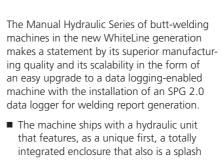
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Manual Hydraulic



- The machine ships with a hydraulic unit that features, as a unique first, a totally integrated enclosure that also is a splash and dirt shield for all components on the inside. The front panel controls, too, are included in the ingress protection according to the IP 54 rating (where IP 64 is possible upon request).
- All connections, including an additional power socket free to use for the operator's convenience, are located at the back of the controller. Both the facing tool and the heating element are also connected at the back panel of the hydraulic controller. Therefore, no additional power distribution unit is needed.
- 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 a GT keypad, the critical process controls, and also the digital temperature control for

the heating element and the extra-large and conveniently readable pressure gauge.

- All HÜRNER Manual 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 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.
- Large, knurled turning knobs mean easy handling for the operator who opens or

- closes the clamps of the machines sized up to O.D. 315. No tools are needed for this.
- 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 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. 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.
- 2) Under development

All components are covered by the HÜRNER warranty.



Centralized temperature control



All connections at the back panel of the hydraulic unit



Transport box



Welding neck support

HÜRNER Manual 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	Only one external power supply needed, all connections and a power socket for the operator's convenience at the back of the enclosure ¹⁾ Digital heating element temperature control, adjustable at the hydraulic unit Hydraulic unit fully encased in rugged steel enclosure weighing as little as 19.5 kg (up to O.D. 335 mm) Max. pressure, up to O.D. 355 mm, 130 bar, O.D. 500 - 630 mm, 150 bar, O.D. 800 - 1600 mm, 220 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

reducers¹⁾

1) Modified design: Screw-Fastened
*) Available as an option

HÜRNER WhiteLine

Manual Hydraulic

Stand-alone in Butt-Welding

160 mm

40 - 160

50 Hz

2.45

66

40, 50, 63, 75, 90, 110, 125, 140 200 mm

63 - 200

50 Hz

3.45

87

63, 75, 90, 110, 125, 140, 160,

180

250 mm

230 V

50 Hz

3.65

109

90, 110, 125, 140, 160, 180, 315 mm

90 - 315

50 Hz

4.65

168

90, 110,

125, 140,

160, 180, 200, 225, 250, 280 90 - 355

230 V

50 Hz

5.25

201

125, 140, 160, 180,

200, 225, 250, 280, 315 - 630

50 Hz, 3 P

11.65

448

315 355

500 - 800

400 V

50 Hz, 3 P

16.8

771

500 560

630 - 1000

400 V

50 Hz, 3 P

21.2

1135

630, 710,

800, 900

630 - 1200

50 Hz, 3 P

23.0

1998

630, 710,

800, 900, 1000

200 - 500

50 Hz, 3 P

6.45

295

200, 225, 250, 280, 315, 355,

400, 450

Technical Specs

P/N 200-704-

Power Supply

Rated power (kW)

components

Reducer inserts

Welding neck support*)

Automatic, "jumping" heating element*)

Hydraulic controller for Manual with centralized controls Basic machine chassis Facing tool with micro-switch PTFE-coated heating

Carrying rack
HÜRNER transport
box for reducers and
machine, optional
HÜRNER aluminium
reducers¹⁾
HÜRNER steel

Overall weight with all

¹⁾ Only if prepared for SPG data logge