

WeldMaster® Light



LOGSTOR are proud to present the new and improved version of our WeldMaster: LOGSTOR WeldMaster Light. This lightweight machine has the same properties as the original WeldMaster, but with added advantages.

Like the LOGSTOR WeldMaster, the WeldMaster Light welding machine uses the best technology with PDA, GPS, 3G and 2D barcodes in order to make future pipe systems faster and safer to install.

The weakest link of a construction, including preinsulated pipe systems, is always the joints. We therefore ensure that the joint couplings are carried out correctly and that the welds performed can be located and documented.

WeldMaster Light can install LOGSTOR weld joints up to the dimension $\varnothing 560$.

WELDMASTER LIGHT HAS THE FOLLOWING ADVANTAGES:

- Weighing just 25 kg, the machine is easy to transport to any job site
- Requires a smaller generator – the welding machine needs a power supply of at least 8 KVA
- The welding machine can weld all LOGSTOR weld joints
- Using PDA, the 2D casing joint barcode is scanned, thus ensuring correct setting for the welding process
- The GPS module registers the geographical location of the casing joint
- The PDA monitors the welding process and registers all welding data, which are uploaded directly to a web server
- The welding process can be remotely supported
- Automatic update is possible
- The quality of the welding process helps to ensure the value of your investment in the district heating system
- Can be upgraded to cover the entire range of weld joint dimensions

Weldmaster Light Features and Specifications

TECHNICAL DATA

WELDING MACHINE

Dimensions	L 740 x W 380 x H 340
Weight	
Weldmaster	25 kg
Cables	1 set of 14 kg
Cable length	16 m
Supply	Mains connector or generator with a minimum of 8 KVA
Supply voltage	3 x 230/400 V AC +/- 4% 50 Hz WeldMaster Super Light is also available with 230 V supply voltage. Maximum casing joint dimension is ø400 mm
Mains connection	5-pole 16A CEE connector (3 phases, neutral, ground)
Control unit	2A slow fuses
Supply voltage	16A fuses
Output voltage	Maximum 40 V DC
Output current	Maximum 250 A DC
Power outlet for PDA	1 x 230 V, 10A
Power requirement	Maximum 10 kW
Working temperature	-20°C to 45°C
Storage	-30°C to 70°C
Splash proof for class	IP 23

PDA

IP class	IP64 (dust- and splashproof)
MIL standard	810 G (mechanical resistance and drop test)
Working temperature	-10°C to 50°C
Storage	-40°C to 70°C
Dimensions	L 162 x W 77 x H 34
Weight	360 g
Range	At least 30 m
Data storage	256 MB
Storage capacity	Data from minimum 500 welds
Battery life	8 hours
Charging	Via 230 V mains plug (standard) or car charger (optional)
GPS accuracy	SIRF Star 3 technology

JOINT TYPES AND -DIMENSIONS

Straight joints	
EWJoint	From ø90 to ø560 mm (single welding)
BandJoint	From ø90 to ø560 mm
Branches	
BandJoint branch joint	Branch pipes from ø90 to 225 mm, main pipes from ø90 to ø560 mm

LOGSTOR

ABOUT LOGSTOR

LOGSTOR is a global supplier of complete preinsulated pipe systems aimed at giving our customers greater energy efficiency. Our business is based on many years of experience and insulation expertise as a way of improving energy efficiency.

COMPANY FACTS

- Headquartered in Denmark
- 50+ years of experience
- Has supplied approximately 200,000 km of preinsulated pipes
- Complete end-to-end solutions

ADVANTAGES

Low weight, making it easier to transport

- Power supply of 8 KVA
- 2D barcode makes the casing joint unique and safeguards the process
- Control the welding unit directly from the pipe trench via PDA
- Simple errors such as typos are eliminated from the process
- Integrated automatic control routines prevent errors
- All data are uploaded to a web server, which the customer can access via username and password in a fully processed and easily understandable form.
- The GPS position is displayed via Google Maps

