

Civil Engineering and Tunnel Construction

Wedge welder, combiwedge machines and hand tools from LEISTER for welding and prefabrication of geomembrane liners for civil engineering and tunnel construction.

Materials: PE-HD, PE-LD, PE-C, PVC-P, PP, PFA, ECB, EVA, TPO

Wedge Welding Machines

COMET



COMET wedge welding machine used for welding geomembrane liners in a landfill.



- Worldwide the smallest and lightest compact machine without control box
- High welding capacity thanks to special wedge with optimum heat transfer
- Fully developed drive technology for heavy loading
- Digital display of temperature, pressure and speed
- Optional memory card for data recording

Technical Data

Type	COMET	
Voltage	V~	120, 230
Frequency	Hz	50 / 60
Temperature	°C	max. 420 steplessly controlled
Welding pressure	N	max. 1000 steplessly adjustable
Drive	m/min.	0.8 – 3.2 steplessly controlled
Memory card		optional
Size L×W×H	mm	285 × 230 × 230
Weight	kg	7.5

Approval mark:



Wedge	Type of Material	Thickness Recommended
70 mm	PE-HD, PE-C, PP	1.5 – 2.0 mm
Copper	PE-LD	2.0 – 3.0 mm
70 mm	PVC-P	2.0 – 3.0 mm
Steel		
Power consumption 1500W		

Wedge	Type of Material	Thickness Recommended
50 mm	PE-HD, PE-C, PP	0.5 – 1.5 mm
Copper	PE-LD	1.0 – 2.0 mm
50 mm	PVC-P	1.0 – 2.0 mm
Steel		
Power consumption 1200W		

Wedge	Type of Material	Thickness Recommended
20 mm	PE-HD, PVC-P	0.5 – 1.0 mm
Steel	PE-LD	
Power consumption 700W		

