COMET 500 Wedge Welder

The COMET 500 hot-wedge welding machine from Leister offers practical convenience to reliably weld thick and thin geomembranes made of thermoplastics such as PE, HDPE and LDPE. It reaches speeds up to 8 m/min - without the need for a gearbox conversion. The required welding pressure is set on the COMET 500 via a force module with an adjustment screw, depending on the application and/or material. The hot wedge is automatically positioned at the correct point in the overlap thanks to Leister innovative new design. Extremely efficient heat transfer thanks to the optimized wedge shape. In general, the COMET 500 is characterized by a slim design and is ideally suited for hot-wedge welding geomembranes up to 125 mm overlap.

- Speeds up to 8 m/min without gearbox conversion
- Optimized wedge with automatic positioning
- 60 mm wedge length
- High power-reserves
- Large variety of pressure rollers and wedges
- Force module to easily adjust the welding pressure

Technical Data

Voltage	V	230
Power consumption	W	2300
Temperature	°C	80 - 460
Speed	m/min.	0.8 - 8.0
Wedge length	mm	60
Max. overlap	mm	125
Max. welding pressure	N	1000
LQS		No
Size (L x W x H)	mm	325 x 245 x 260
Weight	kg	9.2
Approval markings		CE, QPS
Electrical protection		Class I

Article No.:
Many versions of this tool are available from the manufacturer. Please contact your technical sales representative to discuss which model is right for your application.

Included in delivery: COMET 500, storage case

EFFICIENT

Optimized hot wedge shape

The optimized hot wedge shape on the COMET 500 automatic geo-welding machine from Leister enables particularly efficient heat transfer when overlap welding plastic geomembranes.

PRACTICAL

Well-positioned handles

Thanks to the well thought-out positioning of its three handles, the COMET 500 from Leister is easy to handle and facilitates flawless overlap welding.

COMFORTABLE

Plastic case for safe storage

The COMET 500 is delivered in a practical plastic case. This makes the hot-wedge welding machine easy to carry and at the same time well protected.

COMET 500 Accessories

100.327: Steel roller 50 mm, sharp edge knurled, w/ test channel

100.329: Steel roller 50 mm, blunt edge knurled, w/ test channel

100.331: Silicone roller 50 mm, w/ test channel

100.328: Steel roller 50mm, sharp edge knurled

100.330: Steel roller 50 mm, blunt edge knurled

100.332: Silicone roller 50 mm

159.135: Guide bar

164.642: Prefabrication wagon

162.760: Plastic case

137.855: Leister knife

138.314: Seam probe tester for overlap seams

163.140: Membrane puller

116.798: Brass brush

151.847 Brass brush Ø15 mm