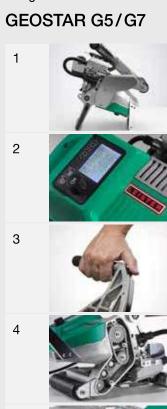
GEOSTAR G5 and GEOSTAR G7 – Faster, lighter, smarter

Wedge welding redefined: Leister's new GEOSTAR welders change the civil engineering landscape. This mid-size, lightweight welder boasts a robust, cast aluminum frame for quality welding of geomembranes. The GEOSTAR also features a unique digital display with all key weld parameters: heat, speed, pressure and supply voltage. The new design makes field servicing a cinch—wedge can be removed and replaced in under a minute. Additional features

Wedge welders



Maintenance friendly:

The well-thought-out construction enables easy access to mechanical parts for cleaning or service.

eDrive: Integrated display of weld pressure, travel speed, wedge temperature and supply voltage enables constant monitoring of key weld parameters during the work process.



The newly developed clamping mechanism enables simple, onehand operation to engage rollers and begin welding.



The GEOSTAR is equipped with a two-gear transmission that can be modified in accordance with work conditions in just a few steps.

Weld pressure measurement: Constant measurement and display

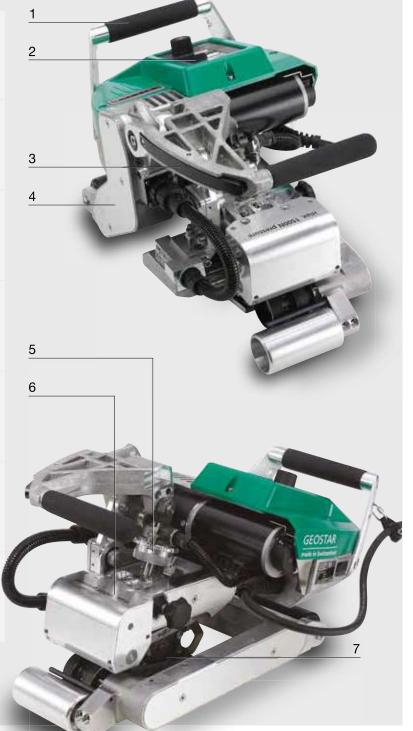
of weld pressure.

loading of material into the machine

The new wedge geometry: The new geometry supports the natural flow of geomembranes over the wedge. An intelligent interface makes it possible to replace the wedge







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include: easy loading of material, natural flow of material through the machine and innovative handle ergonomics for easy carry and rest positions. The GEOSTAR is available in two performance classes: the standard GEOSTAR G5 and extended-wedge GEOSTAR G7.



The GEOSTAR welds nearly 240 m without difficulty in a single pass during a field test (South Africa)...

Wedge welders

GEOSTAR G5/G7

- Welding speed up to 12 m/min
- At 16.4 kg (G5) and 17.7 kg (G7) ~20-50% lighter than comparable machines
- High heating capacity / heating power
- Digital display of weld pressure
- Wedge replacement in less than one minute
- Integrated voltage display
- Adjustable chassis height

Technical data				
		GEOSTAR	G5	GEOSTAR G7
Voltage	٧~	120	220-240	220-240
Frequency	Hz	50/60		50/60
Power	W	1800	2800	2800
Max. heating temperature	°C	460°		460°
Welding wedge	mm	90×50		130×50
Max. overlap	mm	150		150
Max. welding force	N	1500		1500
Weld width with test channel	mm	$2 \times 15 \text{ mm}$		$2 \times 15 \text{ mm}$
Drive speed*1	m/min	0.8 - 12		0.8 - 12
		Level 1: 0.8-6		Level 1: 0.8-7
		Level 2: 1.5	5-12	Level 2: 1.5-12
Dimensions (L \times W \times H)	mm	$482\times278\times269$		$482\times278\times269$
Weight	kg	16.4		17.7
Materials		HD-PE 0.8	- 3.0 mm,	HD-PE 1.0-3.0 mm
		PP, LD-PE, TPO, FPO		PP, LD-PE,TPO, FPO
		PVC-P*2, CSPE*2,		
		EIA*2		
		additional materials up		on request
Mark of conformity		CE		
Protection Class I		(

^{*1:} Conversion of Level 1-2 using position change of sprocket wheels

Scope of delivery: Automatic welder, transport box, $3\ pcs$. hexagon socket wrenches, cleaning brush, Operating Instructions

Article No.

151.035	GEOSTAR G7, 230V/2800W, Roller width 50 mm, copper wedge with
	test channel, with Euro plug
151.683	GEOSTAR G5, 230V/2800W, Roller width 50 mm, copper wedge with
	test channel, with Euro plug
151.618	GEOSTAR G5, 120V/1800W, Roller width 50 mm, copper wedge with
	test channel, without plug

Accessories GEOSTAR G5/G7





www.leister.com

^{*2:} Requires steel wedge PE