

**LEISTER**®

# Roofing

The standard for professionals



[leister.com](http://leister.com)

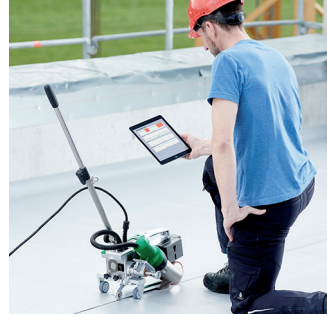
**We know how.**



Adjustable transport axle



Balanced and ergonomic



Quality assurance with LQS



Monitored Welding

Automatic welder

**VARIMAT 700/500/300**



The new VARIMAT offers increased joining pressure for constant process security and an adjustable transport axle for balanced handling, consistent machine tracking, and operational flexibility.

- Monitored Welding and LED work light (700/500)
- Optional weight detection accessory (700/500)
- LQS and Application Protection (700)
- Innovative nozzle engagement mechanism
- Ergonomic rolling transport case

Technical Data		
Voltage	V~	230
Power	W	3680
Temperature	°F	212 - 1148
Speed	ft/min	3.2 - 39.3 (700/500)
Speed	ft/min	3.2 - 32.8 (300)
Size (L x W x H)	inches	23.8 x 13.1 x 14.6
Weight	lbs	82.67
Welding seam width	inches (mm)	1.6 (40)

**Article No.:**

- 174.614** VARIMAT 700, 230V/3680W, 40mm, without plug, US
- 174.615** VARIMAT 500, 230V/3680W, 40mm, without plug, US
- 174.616** VARIMAT 300, 230V/3680W, 40mm, without plug, US
- 174.323** Weight Sensor Kit Accessory, complete
- 171.490** Additional weight, 3kg
- 148.518** Heating element 230V

Automatic welder

**UNIROOF 700/300**



The high-performance UNIROOF 700/300 automatic welders set a new standard in the roofing industry thanks to their exclusive digital features and advanced nozzle design for roof membrane welding.

- Monitored Welding Assistant for process reliability (700)
- Welding quality documented thanks to LQS (700)
- Digital displays with standard closed-loop technology
- Improved nozzle design for optimized performance

Technical Data		
Voltage	V~	120 - 230
Power	W	1800 - 3680
Temperature	°F	212 - 1076 (300)/1148 (700)
Speed	ft/min	3.2 - 32.8
Air flow range	%	45 - 100
Size (L x W x H)	inches	19 x 10 x 10
Weight	lbs	38
Welding seam width	inches (mm)	1.6 (40)

**Article No.:**

- 165.835** UNIROOF 700, 120V/1800W, 1.57" (40 mm) US plug
- 165.836** UNIROOF 700, 230V/3680W, 1.57" (40 mm) US without plug
- 168.635** UNIROOF 300, 120V/1800W, 1.57" (40 mm) US plug
- 168.639** UNIROOF 300, 230V/3450W, 1.57" (40 mm) US without plug
- 152.706** Transport axle for radius welding
- 173.295** Rib Profile Kit for UNIROOF 700/300



Welding modified bitumen



Overlap seam welding



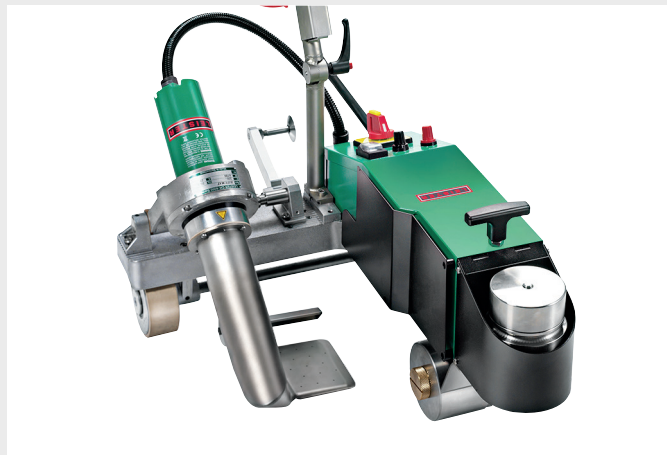
Edge-metal welding



Flashing detail

Automatic welder

**BITUMAT B2**



Our heavy-duty welder for modified bitumen (APP, SPS). Leister automatic welders were designed with the safety of your crew in mind — with flameless operation.

- Weld up to 16.4 feet per minute
- Three-inch nozzle for wider, stronger seams
- Automatically-controlled temperature and drive output

Technical Data		
Voltage	V~	230
Power	W	6700
Temperature	°F	68 - 1148
Speed	ft/min	2.6 - 39.4
Air flow range	%	85 - 100
Size (L x W x H)	inches	17 x 11 x 8
Weight	lbs	89 (with 10ft cord)
Welding seam width	inches (mm)	3 (76)

- Article No.:**  
**140.441** BITUMAT B2, 230 V/6700 W, 3.0" (76 mm) nozzle, without plug  
**140.439** BITUMAT B2, 230 V/6700 W, 4.0" (101.6 mm) nozzle, without plug  
**138.047** 4" Bitumen nozzle  
**126.386** Heating Element

Semi-automatic welder

**UNIDRIVE 500**



Hand welding redefined - the compact, lightweight and powerful tool for reliable, high quality wall, edge-metal and parapet detail welding.

- Rotating nozzle and reverseable drive for dual-direction welding
- Weld speeds up to three times faster than traditional hand welding methods
- Suitable for all roofing applications

Technical Data		
Voltage	V~	120 - 230
Power	W	1800 - 2300
Temperature	°F	212 - 1040
Speed	ft/min	2.2 - 14.7
Air flow range	%	45 - 100
Size (L x W x H)	inches	11 x 7 x 12
Weight	lbs.	10
Protection class I		⊕

- Article No.:**  
**163.147** UNIDRIVE 500, 120V/1800W 1.57" (40 mm) US Plug Silicone Rollers  
**163.144** UNIDRIVE 500, 230V/2300W 1.57" (40 mm) Euro Plug Silicone Rollers  
**169.780** Intermediate Pressure Wheel







“Although roofers may try tools from other manufacturers, they always end up with Leister because of the quality.”







FOREMAN  
SNYDER ROOFING



Hot-air hand tools and popular accessories

## TRIAC / HOT JET / ELECTRON ST

					
Type	TRIAC ST	TRIAC AT	HOT JET S	ELECTRON ST	
Voltage V~	120	120	120	120	230
Max. power W	1600	1600	460	2400	3400
Temperature °F	104 – 1292	113 – 1148	68 – 1112	104 - 1202	104 -1202
Size inch (L x Ø)	13.3 x 3.5	13 x 3.5	9.2 x 2.7	13 x 4	13 x 4
Handle (Ø)	2.2	2.2	1.6	2.2	2.2
Weight lbs	2.18	2.2	0.9	2.4	2.4
Conformity mark					
Approval mark					
Article #	<b>141.228</b>	<b>141.316</b>	<b>100.859</b>	<b>145.562</b>	<b>145.574</b>
Accessories:					
20 mm (0.8 in) nozzle	107.123	107.123	107.142		
40 mm (1.6 in) nozzle	107.132	107.132			
75 mm (2.9 in) nozzle				107.653	107.653
Heating element	142.718	142.718	103.607	145.604	145.606

	40 mm (silicone) with ball bearing <b>140.160</b>
	28 mm (silicone) with ball bearing <b>140.161</b>
	Leister Universal scissors 260 mm <b>157.544</b>
	Soldering iron kit for TRIAC AT <b>169.010</b>
	Seam weld tester multitool <b>172.483</b>
	Seam weld tester <b>174.048</b>

Hot-Air Hand Tools



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