



UNIFLOOR 500 Automatic Welder

The new UNIFLOOR 500 automatic floor welder is designed for welding resilient floor coverings made of thermoplastic (PVC-P, PE, etc.) and antistatic ESD floors, as well as natural coverings made of linoleum and rubber. Thanks to the innovative Automatic Nozzle Positioning (ANP) developed by Leister, the UNIFLOOR 500 starts welding with just the touch of a button and stops automatically when it reaches the wall on the other side.

- Drive speed of up to 7.5 m/min (24.6 ft/min)
- Large, easy to use display shows setpoint and actual values for speed, temperature, and air flow
- Brushless drive and blower motors reduce maintenance
- Automatic nozzle positioning (ANP) system lowers nozzle when drive is started and raises it when tool reaches wall
- De-reeler included and redesigned for smoother unrolling
- Adjustable PTFE coated pressure roller adapts to your material, can be locked in the up position to aide set up
- Optimized flap for linoleum integrated into machine
- Auto cool down mode helps prolong life of the element
- Eco mode reduces heat and airflow when idling to reduce wear on tool

Technical Data

Voltage	V	120	230
Power consumption	W	1800	2300
Temperature	°C	100 - 560	100 - 560
Speed	m/min.	0.7 - 7.5	0.7 - 7.5
Air Flow Range	%	45 - 100	45 - 100
Size (L x W x H)	mm	562 x 289 x 440	562 x 289 x 440
Weight	kg	15.5	15.5
Approval markings		CE, QPS	CE, QPS
Electrical protection		Class I	Class I

Article No.:

169.615 UNIFLOOR 500 120V / 1.8kW
 169.612 UNIFLOOR 500 230V / 2.3kW

Included in delivery: UNIFLOOR 500, guide bar, de-reeler, nozzle positioning guide, hex/torx key, storage case



Automatic Nozzle Positioning (ANP) from Leister

Thanks to Automatic Nozzle Positioning (ANP), the hot air blower can be rotated in and out by pressing the start button; the hot air blower rotates out automatically on contact with any wall.



Pressure roller can be raised and locked

Thanks to the fold-up pressure roller, the welding rod can be inserted easily and without tilting the UNIFLOOR 500.



Integrated flap for linoleum

Built-in flap for linoleum and rubber floors reduces the amount of preheating air for better results.



Easy transport from seam to seam

Durable, smooth transportation wheels and a tall guide bar make it easy to move the UNIFLOOR 500 from seam to seam even on large projects.



Adjustable welding rod de-reeler

All common welding rod spools fit on the newly designed de-reeler.

UNIFLOOR 500 Accessories



170.556: Nozzle adjustment gauge



169.412: Plastic case



117.000: Trimming knife



106.969: Quarter moon knife



122.541: Trimming guide



137.855: Leister knife



116.798: Brass brush