

**LEISTER**

PLASTIC WELDING

# UNIROOF AT UNIROOF ST

versatile  
easy to maintain  
efficient



#uniroof

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**We know how.**

# UNIROOF AT/ST: Welding close to the edge made easy.

The new UNIROOF AT/ST roof welder is your flexible partner for welding thermoplastic roofing membranes on flat or pitched roofs (up to 30°). Thanks to its slim design and construction, as well as the movable transport axle, converting of the machine is no longer needed. Now, you can effortlessly weld close to the edge (to 100 mm) at the parapet or on the parapet and as easily in narrow circumstances.

Hot-air welder

## UNIROOF AT/ST



**No more time consuming converting:** The ultra slim roof welding machine with its movable transport axle masters welding close to the edge (up to 100 mm) at or on the parapet, and wherever it gets narrow.



**UNIROOF provides elaborate ergonomic handling thanks to steering bar and handle:** Roll or carry the UNIROOF whenever, wherever you want to, it's so handy!



**UNIROOF AT:** The **closed-loop technology** for drive motor, temperature and air blower keeps the welding parameters at a constant level and thus delivers reliably leak proof results – a clear asset when it comes to process reliability and investment safety.



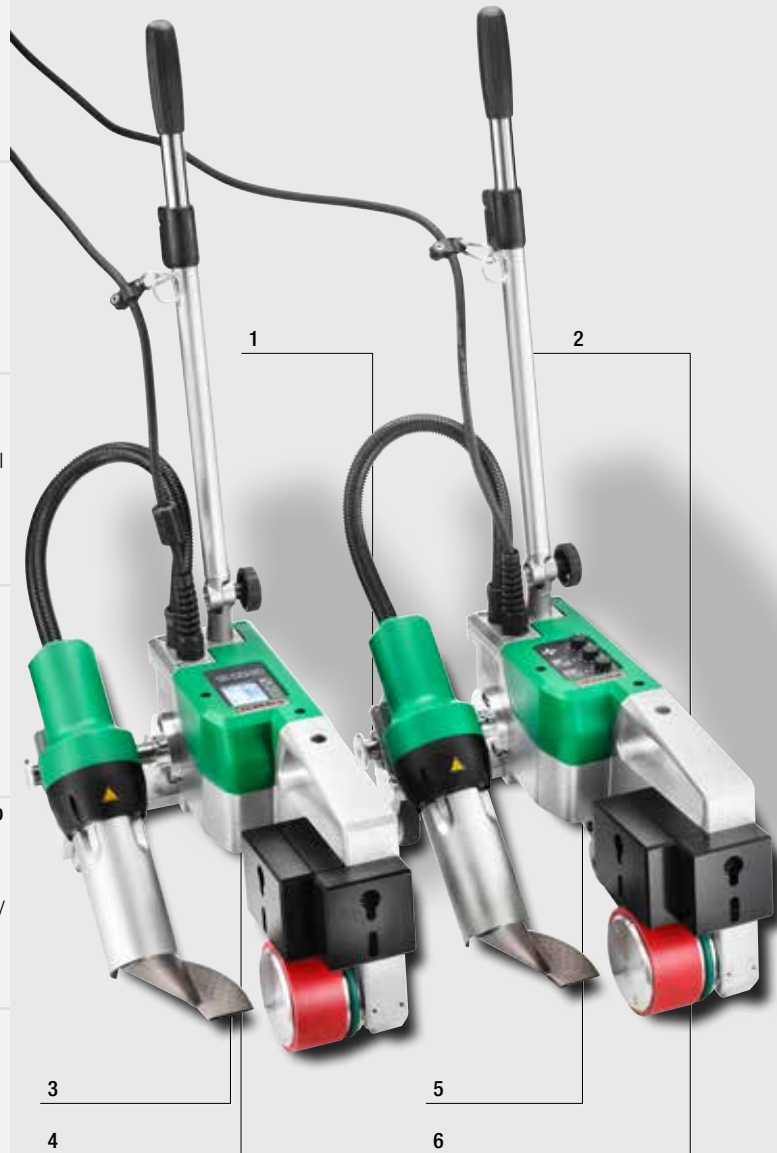
**UNIROOF AT:** Functional **control panel with display** for welding parameters (set point and actual figures during runtime) as well as voltage for better control. Save time with programmable welding profiles for common roof membranes.



**UNIROOF ST** for purists: **Closed-loop** controlled drive motor with **open-loop technology** for the control of temperature and air blower. Simple control (regulation) with potentiometer/rotary knobs.



**Optimum overall performance and easy-to-operate:** The direct-driven, maintenance-free pressure wheel [brushless drive motor integrated in pressure wheel] leads to higher contact pressure, welding speed and thus causes zero chain wear.



With 3450 W performance, 230 V and 15 Amps in the box, the UNIROOF AT/ST offers speedy top performance on any roof.



Thanks to its ultra slim design, the UNIROOF welds effortlessly even in areas which are narrow and difficult to access.

**Hot-air welder**

**UNIROOF AT/ST**

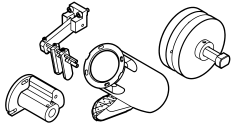

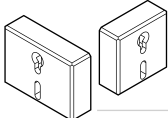
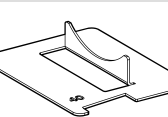
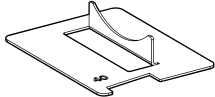

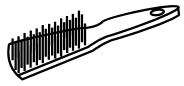
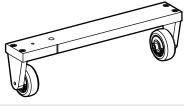


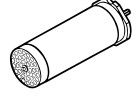
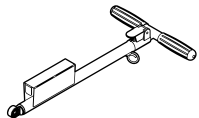
- No converting: Thanks to the movable transport axle the UNIROOF masters welding close to edge at or on top of the parapet.
- Swiss Quality you can rely on.
- The direct-driven, maintenance-free pressure wheel [drive motor integrated in pressure wheel] leads to clearly optimized overall performance and is easy to service.
- Field tested design for ergonomic handling, flexible relocating and optimal machine guiding.
- Greater efficiency at construction sites: The new UNIROOF class brings an additional 38% (ST) to 66% (AT) higher welding performance compared to similar machines.
- Welding roof structure profiles with special profile kit. (Not available in the U.S.)

Technical Data		UNIROOF AT	UNIROOF ST
Voltage	V~	100 / 120 / 220 – 240	
Frequenz	Hz	50/60	
Power	W	1500 / 1800 / 3450	
Temperature, stepless	°C	100 – 620	
Air flow range	%	45 – 100	
Drive speed, stepless	m/min	1.0 – 10.0	
Size (L × B × H)	mm	475 × 244 × 260	
Weight	kg	17.5 (incl. 3 additional weights)	
Materials		PP, PVC, TPO, ECB, EPDM, EVA, FPO, PO, PIB (other materials upon request)	
Conformity mark		CE	
Protection class I		⊕	
Fan		maintenance-free	brush motor
Operation		Digital with display	Potentiometer
Temperature control		Closed-loop System	Open-loop System

**Article No.:**

153.598	UNIROOF AT, 220 – 240 V/3450 W, 40 mm, with Euro-plug
154.453	UNIROOF AT, 220 – 240 V/3450 W, 40 mm, US without plug
153.599	UNIROOF AT, 120 V/1800 W, 40 mm, with US-plug
154.260	UNIROOF AT, 100 V/1500 W, 40 mm, with JP-plug
153.600	UNIROOF ST, 220 – 240 V/3450 W, 40 mm, with Euro-plug
154.454	UNIROOF ST, 220 – 240 V/3450 W, 40 mm, US without plug
153.601	UNIROOF ST, 120 V/1800 W, 40 mm, with US-plug
154.261	UNIROOF ST, 100 V/1500 W, 40 mm, with JP-plug

**Accessories UNIROOF AT/ST**

	<b>155.414</b>	Roof structure profile kit
	<b>155.325</b>	Grip-nozzle 40 mm
	<b>152.742</b>	Additional weight, front
	<b>152.741</b>	Additional weight, lateral
	<b>154.462</b>	Nozzle calibration device
	<b>132.429</b>	2 welding plates for optimum welding start
	<b>138.817</b>	Steelbrush to clean nozzle
	<b>154.522</b>	Transportation axle 300 mm
	<b>154.827</b>	Storage case UNI
	<b>155.577</b>	Locking plate for additional weights
	<b>155.473</b>	Heating element 230 V / 3300 W
	<b>153.947</b>	Heating element 120 V / 1800 W
	<b>154.231</b>	Heating element 100 V / 1500 W
	<b>137.843</b>	T-shape guide bar



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