



# Leister. We know how.

## Welcome to Leister Technologies

**Plastic Welding**

(/en/plastic-welding)

A close-up photograph showing a person's hands using a green and black Leister plastic welding tool. The tool is being used to weld a red plastic pipe. The background is dark and out of focus.

**Process Heat / Infrared Systems**

(/en/process-heat)

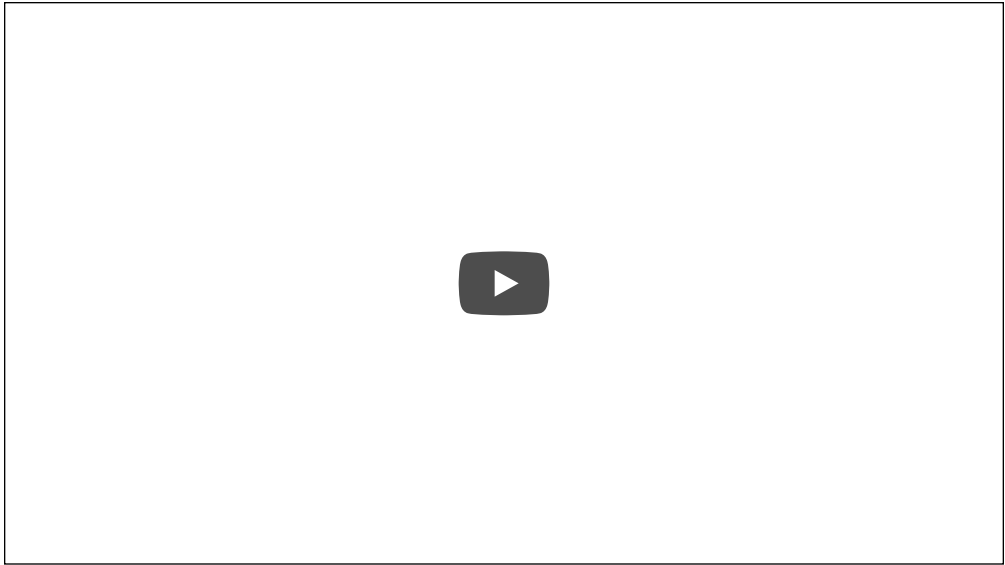
A photograph of an industrial process heat system. It features a large, black, cylindrical infrared heater mounted on a stand. In the foreground, there are several white, cylindrical objects, possibly parts of a manufacturing process, arranged in a row.

**Laser Plastic Welding**

(/en/laser-plastic-welding)

A close-up photograph of a laser plastic welding process. A red laser beam is being directed at a plastic part, creating a bright, glowing orange-red area where the laser meets the plastic.

**Leister International**

A world map showing the global presence of Leister International. Red dots indicate the locations of Leister Companies, Sales Offices, and Distributors across various continents, including North America, Europe, and Asia.

# Leister Technologies AG

## Plastic Welding Products

For nearly 70 years, LEISTER has been the global market leader when it comes to devices for welding thermoplastic polymers in construction, commercial, and industrial environments. The *Plastic Welding Products* business unit comprises the business lines

- Technical Textiles & Industrial Fabrics
- Hand Tools
- Plastic Fabrication, Roofing & Flooring
- Geo

LEISTER and WELDY are brands of Leister Technologies AG and belong to this business unit.

## Industrial Heating & Laser Systems

Since 1967, LEISTER has been the global market leader for hot-air modules and blowers, as well as hot-air blowers for industrial process heat applications. At the start of 2018, LEISTER acquired Krelus AG, thus expanding its product portfolio to include powerful *infrared systems*. LEISTER has provided plastic welding laser systems since 1998 and is also a technological leader when it comes to laser plastic welding processes.

The business unit is separated into the business lines

- Process Heat* (incl. Infrared Systems)
- Laser Plastic Welding*

LEISTER, NOVOLAS and KRELUS are brands of Leister Technologies AG and belong to this business unit.



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**UNIROOF AT/ST**  
**versatile, easy to maintain, efficient**

The UNIROOF AT/ST homogeneously welds single-ply thermoplastic liner, as well as bituminous materials, such as EPDM. But its ultra-thin housing design and movable transport axle are what really makes the machine stand out. It can fit into tight spaces just as easily as on top of a roof parapet. And with its integrated direct-driven, maintenance-free pressure wheel, it rises above competitive products with its higher pressure and noticeably greater welding speed. It is lightweight among other automatic roof welders; at 17.5 kg (39 lbs.), the UNIROOF AT/ST is surprisingly easily portable. Available as a fully-regulated AT version with digital display or as a controlled ST version with potentiometer.



**MINIFLOOR Drive Unit**  
**handy, economical, versatile**

The MINIFLOOR Drive Unit turns the TRIAC hot air hand tool into a hot air welder in just a few seconds with undeniable flexibility. That significantly increases welding quality as well as reliability and makes work easier. Among MINIFLOOR's special features: it can weld wall to wall so that welding the ends afterwards is not necessary. Seamlessly welds short joints and small surfaces almost twice as fast as by hand. Its dual axis drive ensures that it stays perfectly true to the groove. At just 5.3 kg it can be easily transported.

**New GEOSTAR**

**faster, lighter, smarter**



(/en/microsite/geostar)

**GEOSTAR hot-wedge welder**

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 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.

[MORE INFORMATION \(/EN/MICROSITE/GEOSTAR\)](/EN/MICROSITE/GEOSTAR)



**GROOVY**  
**Gouging tool**

The new “GROOVY” gouging tool is the lightweight, handy tool for the experienced resilient flooring installer. Its ergonomic shape makes it possible to achieve the desired groove width and depth up to the connecting walls, defined and clean-cut, with little pressure.

[GROOVY \(/EN/PLASTIC-WELDING/PRODUCTS/GROOVING-DEVICES/GROOVY/GROOVY\)](/EN/PLASTIC-WELDING/PRODUCTS/GROOVING-DEVICES/GROOVY/GROOVY)



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## Distributors

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[MORE \(/EN/DISTRIBUTOREN-LTAG/CH\\_F\\_JANNONE-AG\)](/EN/DISTRIBUTOREN-LTAG/CH_F_JANNONE-AG)

## Trade Shows

[SEE ALL \(/EN/MESSEN-LTAG\)](/EN/MESSEN-LTAG)



18/09/2018 - 21/09/2018  
**Big 5 Show Egypt 2018**

([https://www.leister.com/en/messen-ltag/18\\_ltag\\_big-5-show-2018](https://www.leister.com/en/messen-ltag/18_ltag_big-5-show-2018))



19/09/2018 - 23/09/2018  
**Industrial Automation Show 2018**

([https://www.leister.com/en/messen-ltag/18\\_ltag\\_industrial-automation-show-2018](https://www.leister.com/en/messen-ltag/18_ltag_industrial-automation-show-2018))



20/09/2018 - 23/09/2018  
**Tigax 2018**

([https://www.leister.com/en/messen-ltag/18\\_ltag\\_tigax-2018](https://www.leister.com/en/messen-ltag/18_ltag_tigax-2018))

## myLeister-App



[MYLEISTER-APP \(/EN/MYLEISTER-APP\)](/EN/MYLEISTER-APP)

## Leister's new construction



(<https://www.leister-group.com/en#xyz>)

**New products and topics**

# Focus Sites



(/en/microsite/fusion-1)

**FUSION 1**



(/en/microsite/hemtek)

**HEMTEK ST**



(/en/microsite/uniroof)

**UNIROOF AT/ST**



(/en/microsite/seamtek\_900at)

**SEAMTEK 900 AT**



(/en/microsite/geostar)

**GEOSTAR G5/G7**





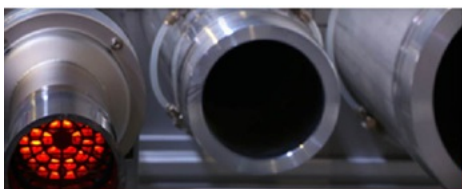
[\(/en/microsite/minifloor\)](/en/microsite/minifloor)

## MINIFLOOR Drive Unit



[\(/en/microsite/ph\\_food\\_beverages\)](/en/microsite/ph_food_beverages)

## FOOD & BEVERAGE



[\(/en/microsite/characteristics\)](/en/microsite/characteristics)

## MEASUREMENTS



[\(/en/microsite/ph\\_rbr\\_hot-air-recycling\)](/en/microsite/ph_rbr_hot-air-recycling)

## HOT AIR RECIRCULATION

### Plastic Welding

#### Applications

Website [\(/en/plastic-welding\)](/en/plastic-welding)

Roofing [\(/en/plastic-welding/roofing\)](/en/plastic-welding/roofing)

Technical Textiles & Industrial Fabrics [\(/en/plastic-welding/technical-textiles-and-industrial-fabrics\)](/en/plastic-welding/technical-textiles-and-industrial-fabrics)

GEO & Civil Engineering [\(/en/plastic-welding/civil-engineering\)](/en/plastic-welding/civil-engineering)

Plastic Fabrication [\(/en/plastic-welding/plastic-fabrication\)](/en/plastic-welding/plastic-fabrication)

Flooring & Interior Decoration [\(/en/plastic-welding/flooring\)](/en/plastic-welding/flooring)

#### Products

Hot Air Hand Tools [\(/en/plastic-welding/products/hot-air-hand-tools\)](/en/plastic-welding/products/hot-air-hand-tools)

Extrusion Welders [\(/en/plastic-welding/products/extrusion-welders\)](/en/plastic-welding/products/extrusion-welders)

Automatic Welders [\(/en/plastic-welding/products/automatic-welders\)](/en/plastic-welding/products/automatic-welders)

Welding Machines [\(/en/plastic-welding/products/welding-machines\)](/en/plastic-welding/products/welding-machines)

Grooving Devices [\(/en/plastic-welding/products/grooving-devices\)](/en/plastic-welding/products/grooving-devices)

Testing instruments [\(/en/plastic-welding/products/testing-instruments\)](/en/plastic-welding/products/testing-instruments)

Nozzles Accessories [\(/en/plastic-welding/accessories\)](/en/plastic-welding/accessories)

#### Sales & Service Centers

Plastic Welding [\(/en/plastic-welding/distributors\)](/en/plastic-welding/distributors)

#### Laser Plastic Welding

#### Applications

Website [\(/en/laser-plastic-welding\)](/en/laser-plastic-welding)

Automotive [\(/en/laser-plastic-welding/automotive\)](/en/laser-plastic-welding/automotive)

Medical [\(/en/laser-plastic-welding/medical\)](/en/laser-plastic-welding/medical)

### Process Heat

#### Applications

Website [\(/en/process-heat\)](/en/process-heat)

Automotive [\(/en/process-heat/industries/automotive\)](/en/process-heat/industries/automotive)

Food & Beverage [\(/en/process-heat/industries/food-beverage\)](/en/process-heat/industries/food-beverage)

Packaging Industry [\(/en/process-heat/industries/packaging\)](/en/process-heat/industries/packaging)

Mechanical Engineering [\(/en/process-heat/industries/mechanical-engineering\)](/en/process-heat/industries/mechanical-engineering)

Metal Processing [\(/en/process-heat/industries/metal-processing\)](/en/process-heat/industries/metal-processing)

#### Products

LHS Air Heater [\(/en/process-heat/products/lhs-air-heater\)](/en/process-heat/products/lhs-air-heater)

LE Air Heater [\(/en/process-heat/products/le-air-heater\)](/en/process-heat/products/le-air-heater)

Hot-Air Blower [\(/en/process-heat/products/hot-air-blower\)](/en/process-heat/products/hot-air-blower)

Ignition Blower [\(/en/process-heat/products/ignition-blower\)](/en/process-heat/products/ignition-blower)

Blowers [\(/en/process-heat/products/blowers\)](/en/process-heat/products/blowers)

Control Components [\(/en/process-heat/products/control-components\)](/en/process-heat/products/control-components)

Nozzles & Accessories [\(/en/process-heat/products/nozzles-accessories\)](/en/process-heat/products/nozzles-accessories)

#### Sales & Service Centers

Process Heat [\(/en/process-heat/vertriebszentren\)](/en/process-heat/vertriebszentren)

#### About us

#### Leister Technologies AG

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Electronics (/en/laser-plastic-welding/elektronik-industrie)  
Textile Industry (/en/laser-plastic-welding/textiles)  
Other Industries (/en/laser-plastic-welding/others)

#### Products

Turnkey Systems (/en/laser-plastic-welding/products/turnkey-systems)  
Integration Systems (/en/laser-plastic-welding/products/integration-systems)  
Laser Optics AT BT (/en/laser-plastic-welding/products/optics-at-bt)  
Special Laser Optics (/en/laser-plastic-welding/products/special-laser-optics)  
Misc (/en/laser-plastic-welding/products/misc)

#### Sales & Service Centers

Laser Plastic Welding (/en/laser-plastic-welding/vertriebsnetz-ltag-lpw)

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#### Other

Leister Corporate Website (https://www.leister.com)  
Axetris AG Website (https://www.axetris.com)  
Weldy Website (https://www.weldy.com/en)  
Job Openings (/en/offene-stellen-ltag)  
News (/en/news-ltag)  
Downloads (/en/downloads)

#### Company

Organization (/en/ueber-uns/unternehmen)

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