PLASTI-WELD

Plastic Welding Technology & Hot Air Tools

a member of the Hudaco group

FLOORING SOLUTIONS

CATALOGUE

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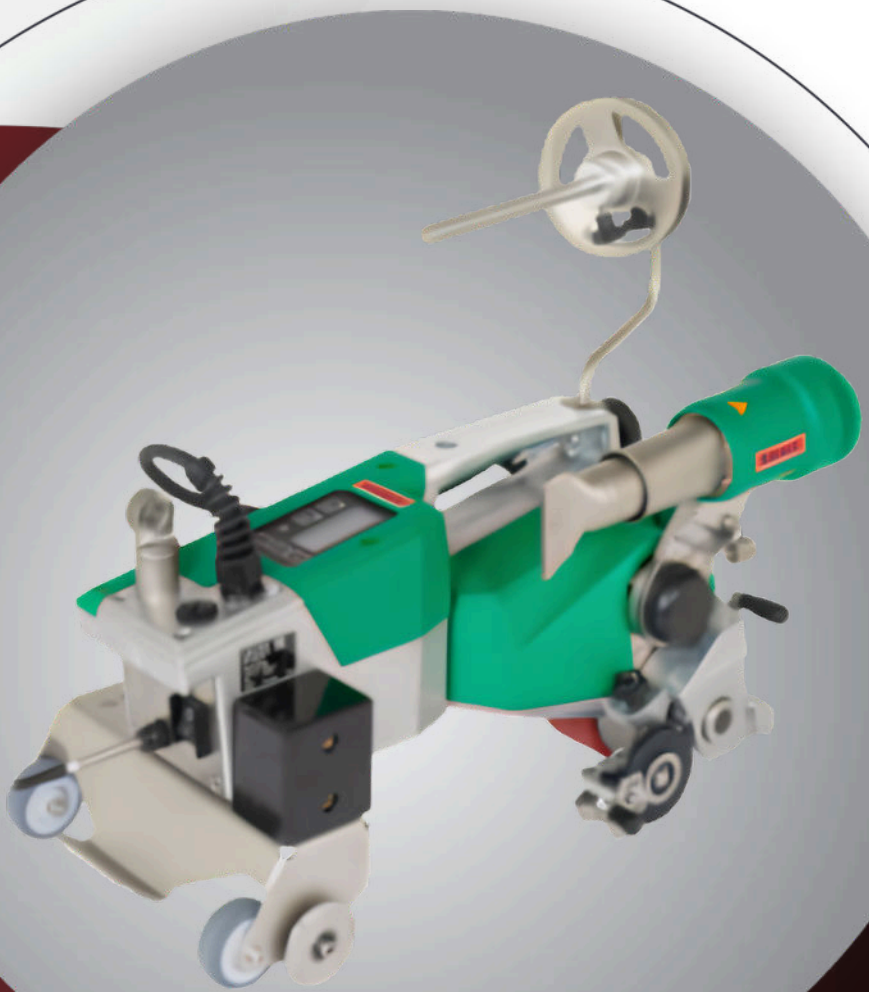
FLOORING SOLUTION

PRODUCTS



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LEISTER

DURABLE FLOORING FOR MODERN SPACES

Flooring plays a critical role in safety, hygiene, aesthetics and long-term building performance. Across healthcare facilities, schools, offices, retail centers, transportation systems and industrial environments, resilient flooring systems offer durability, easy maintenance and outstanding design flexibility.

Materials such as PVC, Vinyl-PVC-P, PE, rubber and linoleum have become the preferred flooring choice due to their durability, hygiene properties and extensive design options. Leister flooring solutions provide contractors and installers with professional tools that ensure strong, clean and compliant floor welds.

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FLOORING APPLICATIONS

HEALTHCARE FACILITIES

COMMERCIAL BUILDINGS

PUBLIC TRANSPORT

AEROSPACE

RETAIL & SHOPPING CENTRES

FLOORING APPLICATIONS

Healthcare Facilities

- Hospitals
- Clinics
- Laboratories
- Pharmaceutical facilities

Flooring must be hygienic, easy to clean and sealed to prevent bacteria accumulation.

Commercial Buildings

- Offices
- Educational facilities
- Government buildings
- Conference centres

Resilient flooring offers durability, sound absorption and long service life.

FLOORING APPLICATIONS

Public Transport

- Rail systems
- Buses
- Transport terminals

Floor coverings must withstand heavy foot traffic while remaining easy to clean and maintain

Retail & Shopping Centres

- Shopping malls
- Retail stores
- Supermarkets
- Showrooms

Flooring solutions combine aesthetic appeal with excellent wear resistance.

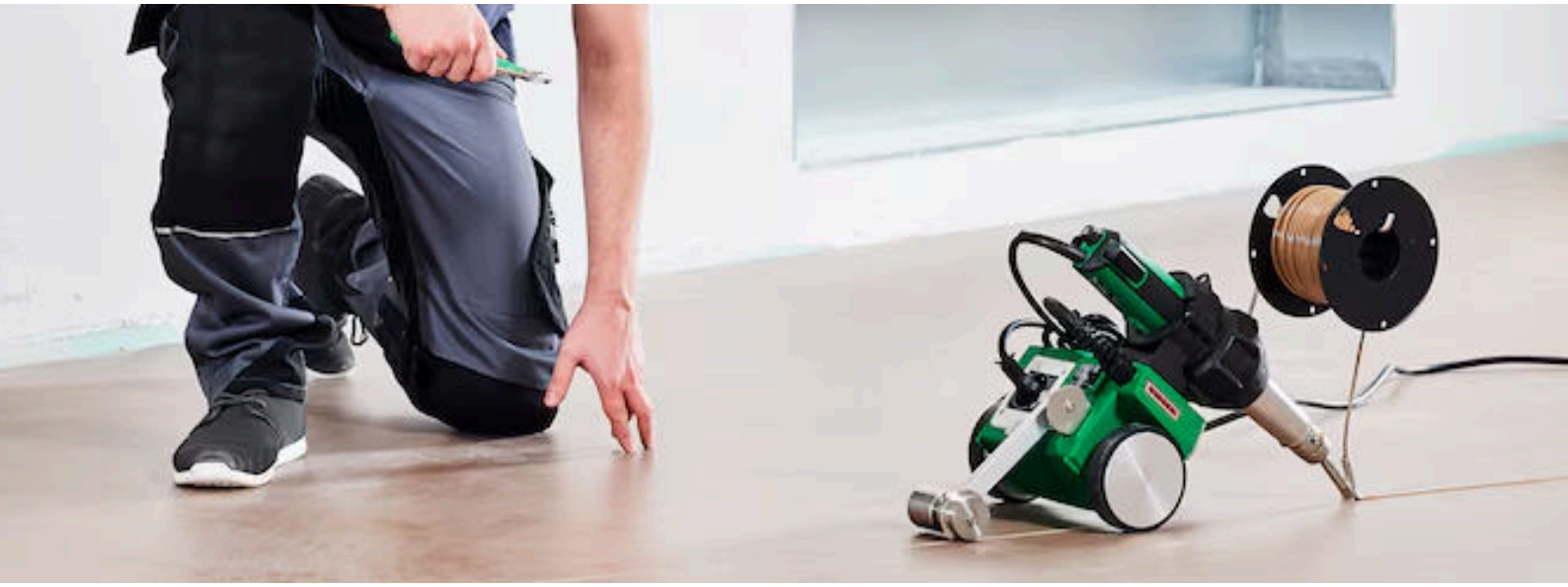
Aerospace

- Airport lounges
- Aircraft interiors

Flooring systems provide durability while supporting brand-specific interior designs.

BENEFITS OF RESILIENT FLOORING

- **Long Service Life**
  Designed to withstand continuous pedestrian traffic.
- **Easy Maintenance**
  Simple cleaning procedures reduce operating costs.
- **Hygienic Surfaces**
  Properly welded joints help prevent contamination and bacterial growth.
- **Design Flexibility**
  Available in a wide range of colours, textures and finishes.



COMMON FLOORING MATERIALS

Leister equipment is used on:

VINYL FLOORING (PVC-P)

PVC FLOORING

PE FLOORING

LINOLEUM FLOORING

ANTISTATIC FLOORING

RUBBER FLOORING

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LEISTER FLOORING INSTALLATION SOLUTIONS

Modern resilient flooring installations require precision welding to ensure seam integrity, hygiene compliance and long-term durability. Leister equipment provides the control and consistency necessary for professional flooring applications.

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC ST	
Voltage	230 V
Frequency	50/60 Hz
Power	1600 W
Temperature	40 - 700 °C
Welding materials	PVC, vinyl, Luxury Vinyl Tile (LVT), linoleum, and rubber

PROFESSIONAL WELDING TECHNOLOGY

GEOSTAR G7 / GEOSTAR G5	
Voltage	230 V
Frequency	50/60 Hz
Power	1600 W
Temperature	40 - 700 °C
Welding materials	PVC, vinyl, Luxury Vinyl Tile (LVT), linoleum, and rubber

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC ST

Ideal For:

- Vinyl flooring installation
- PVC floor welding
- Site repairs
- Detail welding
- Commercial flooring projects
- Large-scale flooring projects
- Quality-critical installations
- Healthcare facilities
- Pharmaceutical environments

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC ST

Advantages:

- Lightweight and ergonomic
- Highly reliable
- Easy operation
- Proven worldwide performance
- Intelligent temperature control
- Consistent heat delivery
- Improved repeatability
- Excellent productivity

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AUTOMATIC FLOOR WELDING TECHNOLOGY

The Leister UNIFLOOR 500 is a reliable automatic floor welder designed for professional resilient flooring installations, including PVC, CV, PUR, antistatic ESD floors, linoleum and rubber floor coverings.

For contractors completing larger flooring projects, the UNIFLOOR 500 provides a strong productivity advantage while helping maintain professional seam quality and finish consistency

PROFESSIONAL WELDING TECHNOLOGY

Leister UNIFLOOR 500	
Voltage	230 V
Frequency	50/60 Hz
Power	2300 W
Speed	0.7 - 7.5 m/min
Temperature	100 - 560 °C
Welding materials	CV; LVT; Linoleum; PUR; PVC; Rubber

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PROFESSIONAL WELDING TECHNOLOGY

Leister UNIFLOOR 500

Ideal For:

- Large commercial flooring projects
- Healthcare and pharmaceutical flooring installations
- Retail, education and public building projects
- Vinyl, linoleum, rubber and antistatic ESD flooring applications

PROFESSIONAL WELDING TECHNOLOGY

Leister UNIFLOOR 500

Advantages:

- Automatic nozzle positioning for controlled start and stop operation
- Consistent welding speed and heat delivery
- Quiet, efficient and low-maintenance operation
- Improves productivity on longer weld seams
- Supports consistent seam quality across demanding flooring projects

AUTOMATIC FLOOR WELDING TECHNOLOGY

The Leister MINIFLOOR drive unit turns a compatible TRIAC hand tool into a compact automatic floor welder, making it a practical solution for shorter seams, smaller rooms, detailed work and projects where a full-size automatic welder is not required.

The MINIFLOOR gives flooring installers a flexible productivity tool for everyday floor welding, especially where manoeuvrability, setup speed and weld consistency matter.

PROFESSIONAL WELDING TECHNOLOGY

Leister MINIFLOOR	
Voltage	230 V
Frequency	50/60 Hz
Power	5 W
Speed	0.5 - 4.5 m/min
Temperature	100 - 560 °C
Welding materials	Polyvinyl Chloride (PVC / Vinyl)Linoleum, Rubber, Polyurethane

PROFESSIONAL WELDING TECHNOLOGY

Leister MINIFLOOR

Ideal for:

- Shorter weld seams
- Small commercial flooring projects
- Room-by-room installation work
- Detail areas where compact handling is important
- Contractors wanting improved consistency over manual welding

PROFESSIONAL WELDING TECHNOLOGY

Leister MINIFLOOR

Benefits:

- Compact and lightweight design for easy transport
- Quick setup with TRIAC hand tools
- Faster and more consistent than manual welding
- Helps maintain straight, controlled weld seams
- Cost-effective bridge between hand welding and full automatic welding

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PROVEN GLOBAL PERFORMANCE

Leister is trusted worldwide for delivering precise, consistent floor welds that improve quality, hygiene and durability. Supported by Plasti-weld's local technical expertise, servicing and training, customers benefit from reliable performance and dependable after sales support.

LEISTER