

PLASTI-WELD

Plastic Welding Technology & Hot Air Tools

a member of the *Hudaco* group



**PLASTIC FABRICATION
SOLUTIONS**

CATALOGUE

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PRODUCTS



PLASTI-WELD

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PROTECTING INFRASTRUCTURE. PRESERVING THE ENVIRONMENT.

Modern geo and civil engineering projects depend on high-performance geomembrane lining systems to prevent leakage, contamination and water loss. Whether in mining, landfills, reservoirs, canals or tunnel construction, the quality of the welded seam is critical. Even minor failures can result in environmental damage, water loss, regulatory non-compliance and costly repairs.

Leister welding technology is trusted globally to deliver safe, reliable and repeatable geomembrane welding performance where quality cannot be compromised.

PLASTIC FABRICATION APPLICATIONS



- Chemical storage tanks



- Process vessels



- Scrubbers and fume extraction systems



- Water treatment equipment



- Aquaculture tanks



- HDPE pipe systems

PLASTIC FABRICATION APPLICATIONS



- Ventilation ducting



- Mining infrastructure



- Wastewater treatment plants



- Plastic repairs and maintenance projects



- Custom fabricated components and assemblies

WHY CHOOSE PLASTIC FABRICATION?

- ✓ Corrosion Resistant
- ✓ Lightweight
- ✓ Cost Effective
- ✓ Sustainable
- ✓ Design Flexibility

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PLASTIWELD – YOUR PLASTIC FABRICATION PARTNER

Plastiweld supplies complete thermoplastic welding solutions throughout Southern Africa, including:

- Extrusion welders
- Hot air welding tools
- HDPE pipe welding equipment
- Plastic welding rods
- Technical support
- Product training
- Repairs and servicing

Supporting industries including mining, water, infrastructure and manufacturing.

PROFESSIONAL WELDING TECHNOLOGY

Leister WELDPLAST 300



Ideal For:

- Small to medium tank fabrication
- HDPE structures
- PP fabrication
- Repair work

Benefits:

- Compact design
- High welding quality
- Easy handling
- Professional results

PROFESSIONAL WELDING TECHNOLOGY

WELDPLAST 300



Voltage	230 V
Frequency	50/60 Hz
Power	3680 W
Welding materials	HDPE; LDPE; LLDPE; PP

PROFESSIONAL WELDING TECHNOLOGY

Leister FUSION 3C



Ideal For:

- Tank manufacturing
- Vessel fabrication
- Industrial equipment construction

Benefits:

- Excellent process reliability
- Proven performance
- Comfortable operation
- High productivity

PROFESSIONAL WELDING TECHNOLOGY

Leister FUSION 3C



Voltage	230 V
Frequency	50/60 Hz
Power	3200 W
Welding materials	HDPE; LDPE; LLDPE; PP

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PROFESSIONAL WELDING TECHNOLOGY

Leister WELDPLAST 600 / 605



Ideal For:

- Large fabrication projects
- Thick material welding
- Industrial production environments

Benefits:

- High extrusion output
- Maximum productivity
- Suitable for demanding fabrication applications

PROFESSIONAL WELDING TECHNOLOGY

Leister WELDPLAST 600/605



Voltage	230 V
Frequency	50/60 Hz
Power	3680 W
Welding materials (605)	HDPE, LDPE, LLDPE
Welding materials (600)	HDPE, PP

INDUSTRIES USING EXTRUSION WELDERS



Chemical Processing



Water Treatment



Aquaculture



Mining

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PROFESSIONAL WELDING TECHNOLOGY

Hot Air Welding Systems

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PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC ST



APPLICATIONS

- Plastic tank fabrication
- Sheet welding
- Detail welding
- Repairs
- Fabrication workshops

Benefits:

- Lightweight
- Reliable
- Easy to use
- Durable construction

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC ST



Voltage	230 V
Frequency	50/60 Hz
Power	1600 W
Temperature	40 - 700 °C

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC AT



APPLICATIONS

- Precision fabrication
- Industrial manufacturing
- Quality-critical welding projects

Benefits:

- Digital temperature control
- Consistent weld quality
- Improved operator control

PROFESSIONAL WELDING TECHNOLOGY

Leister TRIAC AT



Voltage	230 V
Frequency	50/60 Hz
Power	1600 W
Temperature	40 - 620 °C

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PROFESSIONAL WELDING TECHNOLOGY

Leister HOT JET A



TYPICAL USES

- Fine fabrication
- Ducting manufacture
- Component assembly
- Technical plastic repairs

PROFESSIONAL WELDING TECHNOLOGY

Leister HOT JET A



Voltage	230 V
Frequency	50/60 Hz
Power	1050 W
Temperature	60 - 550 °C

COMMON MATERIALS PROCESSED

Leister plastic fabrication equipment is used on:



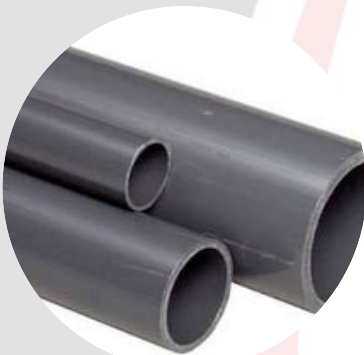
HDPE



PP



PVC



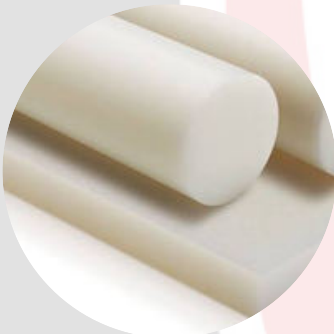
PVC-C



PVDF



ECTFE



PA

These materials are commonly found in chemical, mining, water and industrial processing facilities.

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WHY PLASTIWELD?

Industry-Leading Brands

Exclusive access to leading international OEM technologies.

Technical Expertise

Product selection, application guidance and after-sales support.

Service & Repairs

Local support infrastructure throughout Southern Africa.

Complete Solution Provider

From fabrication equipment and welding rod to technical training and application support.