

PLASTIC WELDING

Professional Manufacturer of Plastic Welding and
Industrial Heating Equipment



Scan the QR code and follow
Lesite official website



Tel: +86 591 83818890 +86 15821888700



info@lesite.com.cn www.lesiteweld.com



5#Jingpu Road, Jinshan Pushang Industry Park,
Cangshan District, Fuzhou, Fujian, China



Company Profile —



Lesite Technology

Certificate



FUZHOU LESITE PLASTICS WELDING TECHNOLOGY Co.,LTD

Fuzhou Lesite Plastics Welding Technology Co., Ltd. is a high-tech enterprise specializing in the research, development, manufacturing, and technical service consulting of plastic welding and industrial heating equipment. Our products include roofing welding machines, geomembrane welding machines, plastic extrusion welding guns, hot air welding guns, heaters, banner/tarpaulin welding machines, plastic flooring welding machines, electric hot cutters, and testing equipment, which are widely used in engineering construction waterproofing, plastic welding, industrial heating, and many other fields.

2010

- The first geomembrane welding machine successfully developed.
- Fuzhou Lesite Plastics Welding Technology Co., LTD was established.
- 12 employees, 600 square meters, Establishment + First Fund.

2015

- Counterparts from Switzerland inspected our company and discussed cooperation.
- Entering the accelerated incubation stage, the products are continuously improved and launched.
- 30 employees, 1,000 square meters, Sales exceeded 10 million.

2025

- Form 7 categories of product lines total with more than 20 products.
- It has an independent modern factory, 76 employees, 4000 square meters.
- Operate multiple E-commerce platforms such as Amazon, Alibaba, etc. Product sales and services cover more than 50 countries and regions.
- We obtained the ISO9001 quality management system certification in 2024.

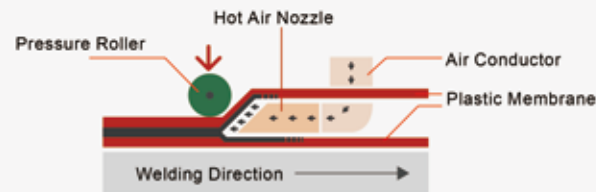


Welding Process

Hot Air Welding

Handheld hot air welding gun, automatic hot air welding machine

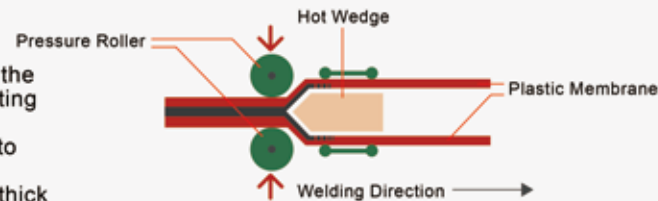
In hot air welding process, heat is under control. Heated air is delivered to the area of the workpiece to be welded, and the required pressure is applied by pressure rollers.



Hot Wedge Welding

Hot wedge welding machine

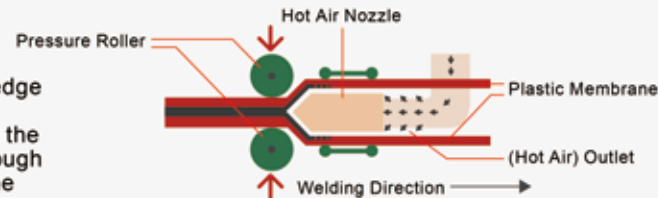
The characteristic of this process is that the hot wedge is directly heated electric heating tubes, and the heat generated is directly transferred to the area of the workpiece to be welded through the hot wedge. It is especially suitable for welding relatively thick materials.



Hot Air Wedge Welding

Hot air wedge combined welding machine

A hot air wedge (a combination of hot wedge and hot air) refers to a welding process where hot air is used for preheating, and the actual welding process is completed through the hot wedge. The hot air also cleans the area of the workpiece to be welded.



Pendulum Welding

Handheld hot air welding gun

Pendulum welding requires welding rods made of the same material as the base material, and both surfaces need to be preheated with hot air. Through a reciprocating welding process similar to the trajectory of a pendulum, the two parts of the workpiece are joined together.



Drag-and-drop Rapid Welding (Rapid Welding)

Handheld hot air welding gun

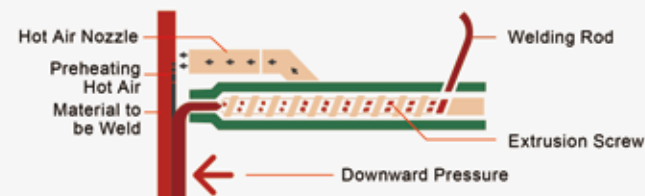
This process requires the use of a speed welding nozzle to preheat the surface of the workpiece to a suitable temperature for plasticization, and then to join the two parts of the workpiece together by downward pressure.



Extrusion Welding

Extrusion welding gun

In the extrusion welding process, the substrates are preheated by hot air and then joined together by added extruded melt. Plastic welding rod are fed into a heated barrel, plasticized, and extruded through a screw.



Welding Type

Welding Rods Free



Overlap Welding



Folding Welding



Tape Welding



Double Weld With Test Cavity



Rope Welding



Sleeve Welding



Reinforced Tape Welding

Welding Types Requiring Welding Rods



Overlap Welding



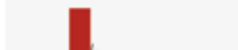
Floor Welding



V-shaped Welding



X-type Welding



Corner Welding



External Corner Welding



Inner Corner Welding

Product Catalog —

01 Geomembrane Welding Machine P7 - P18



LST800/810/820
LST900/900D
LST-GM1/GM2
LST700
LST-PULLER 1

02 Plastic Extrusion Welding Gun P19 - P32



LST600A/B/C
LST610A/B/C
LST600E/600F/610E
LST620

03 Testing Equipment P33 - P34



LST-T001
LST-T002
LST-T004

04 Hot Air Gun P35 - P46



LST1600
LST2000
LST3400

05 Roof Welding Machine P47 - P56



LST-WP1
LST-WP2
LST-WP4
LST-RM1
LST-TAC

06 Banner & Tarpaulin Welder P57 - P63



LST-UME
LST-MAT1
LST-MAT2
LST-PAU

07 Floor Automatic Welder P64



LST-FLR

08 Electric Hot Cutter P65 - P68



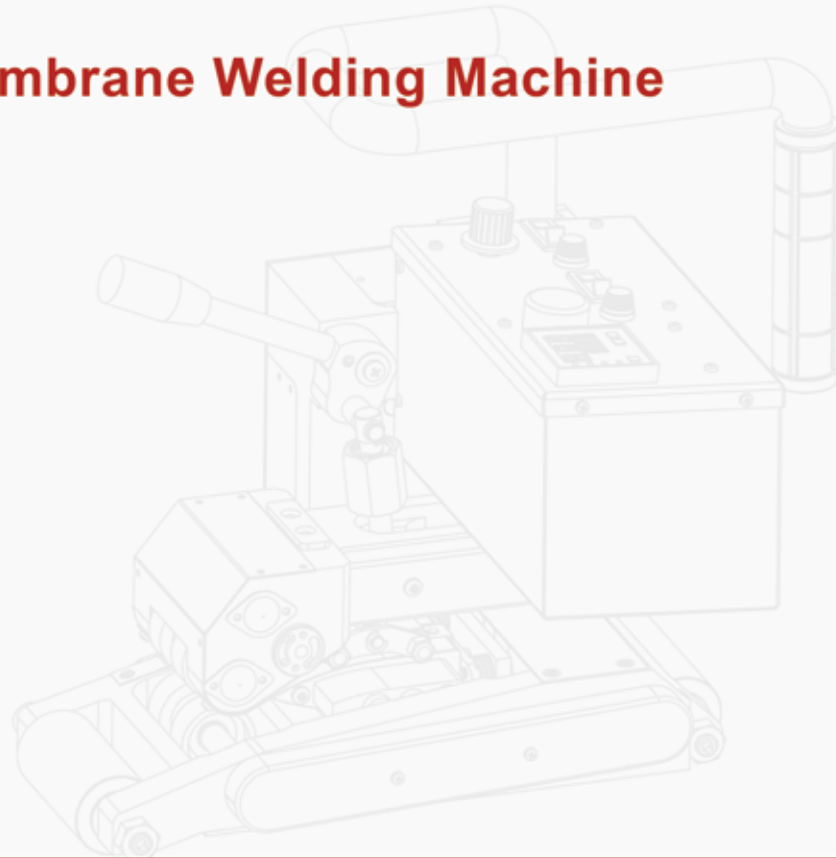
LH8100
LH8150
LH8200

09 Accessories P69 - P70



Silicon Roller
Teflon Roller
Brass/Steel Roller
Heating Element
Others

Geomembrane Welding Machine



01

Features

✂ Welding Machines Match Different Applications

Different types of geomembrane welding machines are suitable for different applications, such as HDPE, LDPE, PP and other thermoplastic geomembrane in tunnel waterproofing, underground seepage prevention, aquaculture, sewage treatment and other multi-field projects. Customer selection is clear and easy.

🛡 Welding Quality Assurance

Providing seam testing equipment for air tightness testing and tensile testing on the construction site, which ensure the quality of welding in all aspects.



Geomembrane Material Welding

It is used in water conservancy, dam slope protection, artificial lakes, aquaculture, landfilling of solid waste, and sewage treatment.



HDPE(2.5mm) Tunnel Drainage Board Welding



Composite Material Solid Waste Landfills



HDPE Membrane Welding



HDPE Membrane Welding



HDPE Membrane Laying

Waterproofing construction in fields such as petrochemicals, tailings treatment, landscaping, and green roofs.

LST 800



Rated Voltage	230 120V	Seam Width	12.5mm*2, Interior Cavity 12 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	800 / 1000 W 800 W	Net Weight	5.1 kg
Heating Temp.	50 - 450 °C	Size	360 x 160 x 210 mm
Welding Speed	1.0 - 5.5 m/min	Digital Display	/
Material Thickness Welded	0.2 - 1.5 mm (Single Layer)	Certificate	CE
Overlap Width	10 cm	Warranty	One Year

LST 800D

Professional Preferred



Digital Display



Rated Voltage	230 120V	Seam Width	12.5mm*2, Interior Cavity 12 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	800 / 1000 W 800 W	Net Weight	5.1 kg
Heating Temp.	50 - 450 °C	Size	360 x 160 x 210 mm
Welding Speed	1.0 - 5.5 m/min	Digital Display	Temperature & Speed Display
Material Thickness Welded	0.2 - 1.5 mm (Single Layer)	Certificate	CE
Overlap Width	10 cm	Warranty	One Year

LST 810



Rated Voltage	230 120V	Seam Width	15mm*2, Interior Cavity 12 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	800 / 1000 W 800 W	Net Weight	5.3 kg
Heating Temp.	50 - 450 °C	Size	360 x 240 x 210 mm
Welding Speed	1.0 - 5.5 m/min	Digital Display	/
Material Thickness Welded	0.2 - 1.5 mm (Single Layer)	Certificate	CE
Overlap Width	15 cm	Warranty	One Year

LST 820



Rated Voltage	230 120V	Seam Width	15mm*2, Interior Cavity 12 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	800 / 1000 W 800 W	Net Weight	5.8 kg
Heating Temp.	50 - 450 °C	Size	360 x 270 x 210 mm
Welding Speed	1.0 - 5.5 m/min	Digital Display	/
Material Thickness Welded	0.2 - 1.5 mm (Single Layer)	Certificate	CE
Overlap Width	20 cm	Warranty	One Year

 Applicable Accessories


Double Hot Wedge



Single Hot Wedge



Silicon Gel Pressure Roller



Steel Pressure Roller

Adopting an advanced hot wedge structure, it boasts high power, high pressure, and fast welding speed, making it suitable for welding membrane materials with a thickness of 1.0-3.0mm. It is applicable to all hot-melt materials such as HDPE, LDPE, PVC, EVA, ECB, and PP. The product is used in waterproofing and seepage prevention projects in fields such as water conservancy, aquaculture, landfill, chemical and mining industries, sewage treatment, and roof construction.

LST 900



Rated Voltage	230 / 120 V	Seam Width	15mm*2, Interior Cavity 15 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	1850 W	Net Weight	14 kg
Heating Temp.	50 - 450 °C	Size	375 x 285 x 325 mm
Welding Speed	1.0 - 6.0 m/min	Membrane Laying Ways	Membrane laying way by one edge against the other edge
Welding Pressure	100 - 1000 N	Digital Display	Temperature Display
Material Thickness Welded	1.0 - 3.0 mm (Single Layer)	Certificate	CE
Overlap Width	12 cm	Warranty	One Year

LST 900D

Professional Preferred



Rated Voltage	230 / 120 V	Seam Width	15mm*2, Interior Cavity 15 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	1850 W	Net Weight	14 kg
Heating Temp.	60 - 450 °C	Size	375 x 285 x 325 mm
Welding Speed	1.0 - 6.0 m/min	Membrane Laying Ways	Membrane laying way by one edge against the other edge
Welding Pressure	100 - 1000 N	Digital Display	Temperature & Speed Display
Material Thickness Welded	1.0 - 3.0 mm (Single Layer)	Certificate	CE
Overlap Width	12 cm	Warranty	One Year

► Details



Pressure Adjustment System



High Torque Transmission System



Newly Upgraded Heating System



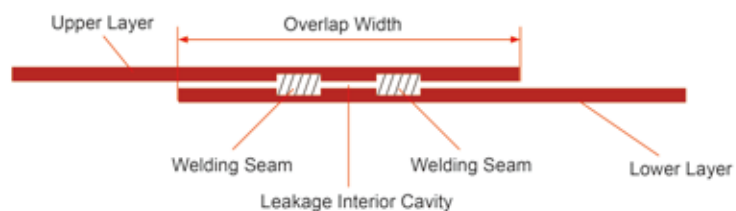
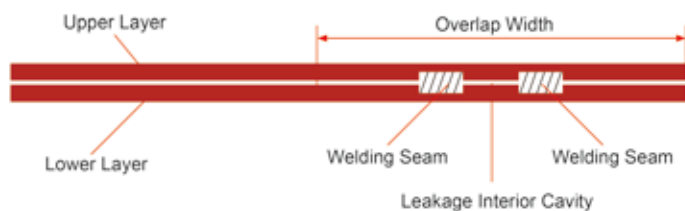
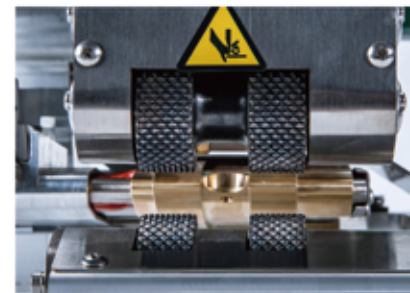
LST 900 Closed-loop Control System



LST 900D Control Panel Dual Digital Display Function

LST-GM1

Rated Voltage	230 / 120 V	Seam Width	15mm*2, Interior Cavity 15 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	1400 W	Net Weight	9.7 kg
Heating Temp.	60 - 450 °C	Size	325 x 265 x 285 mm
Welding Speed	0.6 - 6.0 m/min	Membrane Laying Ways	Membrane laying way by one edge against the other edge
Welding Pressure	100 - 1000 N	Digital Display	Temperature & Speed Display
Material Thickness Welded	0.3 - 2.0 mm (Single Layer)	Certificate	CE
Overlap Width	12 cm	Warranty	One Year

► Welding Diagram**LST-GM1 Welding Diagram****LST-GM2 Welding Diagram****► Details**

Pressure Roller Mechanism



Control System



Heating System



Membrane Laying Structure

LST-GM2

Rated Voltage	230 V	Seam Width	15mm*2, Interior Cavity 20 mm
Frequency	50 Hz	Seam Strength	≥ 85% Material
Rated Power	600 W	Net Weight	7.9 kg
Heating Temp.	60 - 450 °C	Size	256 x 232 x 260 mm
Welding Speed	0.5 - 5.0 m/min	Membrane Laying Ways	Membrane laying way towards one edge
Welding Pressure	100 - 1000 N	Digital Display	Temperature & Speed Display
Material Thickness Welded	0.3 - 2.0 mm (Single Layer)	Certificate	CE
Overlap Width	12 cm	Warranty	One Year

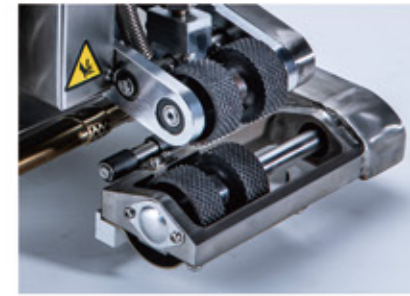
Utilizing advanced hot air heating, this product is small in size, lightweight, and boasts a fast welding speed. It ensures optimal welding results even with corrosive materials or in harsh environments. It is used in waterproofing and seepage prevention projects in fields such as tunnels, subways, water conservancy, aquaculture, biogas digesters, landfills, chemical and mining industries, sewage treatment, and roof construction.

LST 700



Rated Voltage	230 / 120 V	Seam Width	15mm*2, Interior Cavity 20 mm
Frequency	50 / 60 Hz	Seam Strength	≥ 85% Material
Rated Power	2800 / 2200 W	Net Weight	8 kg
Heating Temp.	60 - 620 °C	Size	352 × 267 × 267 mm
Welding Speed	0.5 - 3.5 m/min	Membrane Laying Ways	Membrane laying way by one edge against the other edge
Welding Pressure	100 - 1000 N	Digital Display	Temperature & Speed Display
Material Thickness Welded	0.5 - 2.0 mm (Single Layer)	Certificate	CE
Overlap Width	16 cm	Warranty	One Year

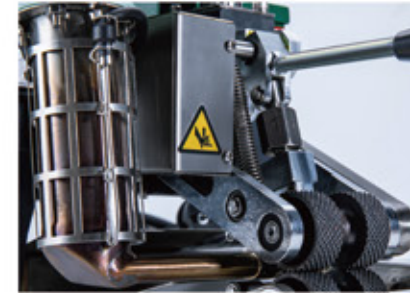
Details



Pressure Roller Mechanism



Control System



Hot Air Heating System



Pressure Regulation System

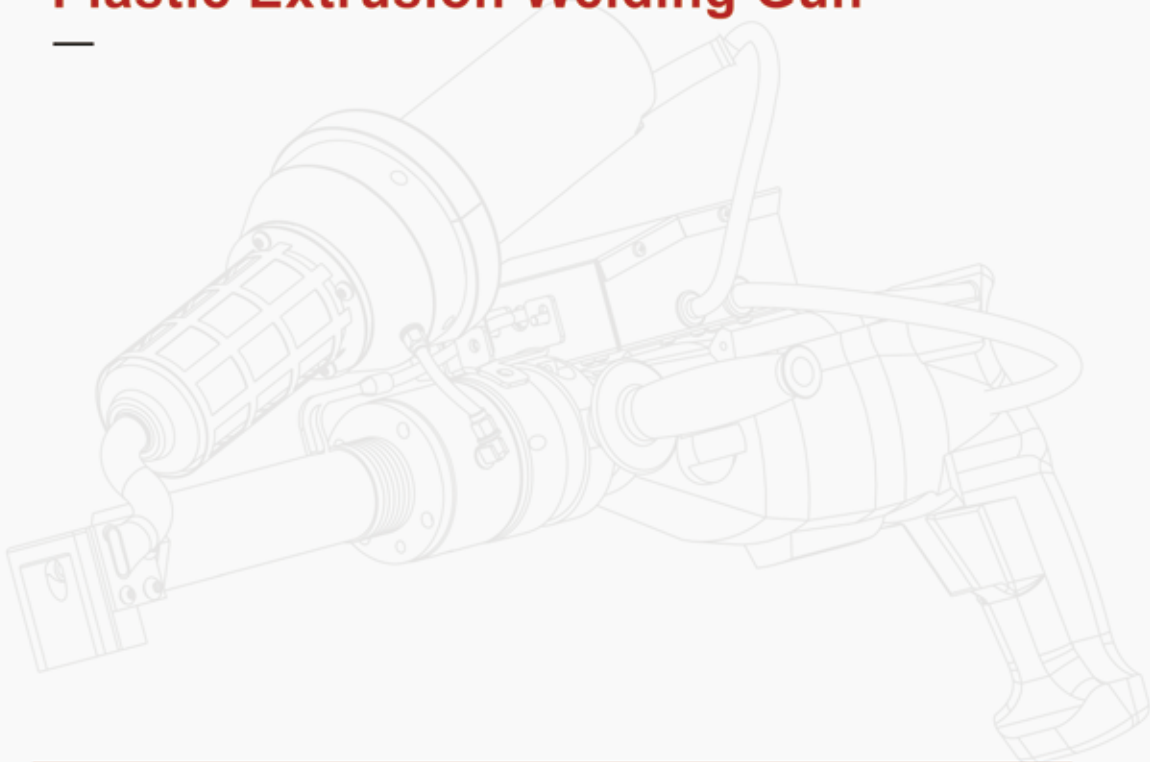
LST-PULLER 1

Membrane Puller

The maximum thickness of the opening is 10mm. The self clamping structure is adopted. The knurled pressing wheel firmly clamps the material. The unique design of self-locking device ensures more reliable clamping.



Plastic Extrusion Welding Gun



02



Features

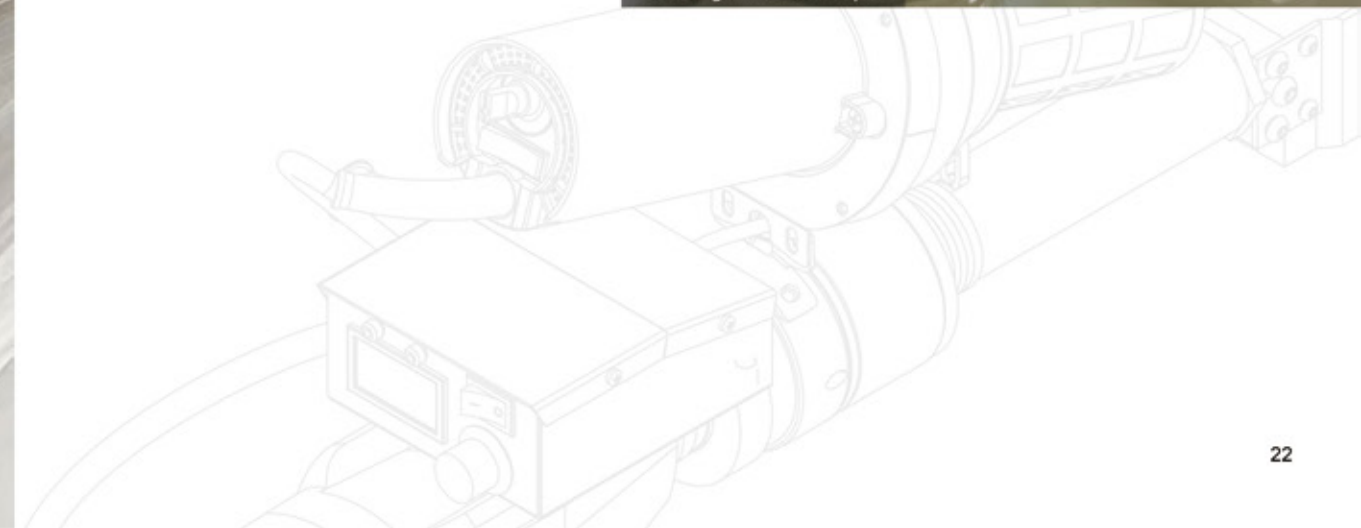
Wide Range of Applications

Environmental protection equipment, anti-corrosion equipment, car liner, electroplating tank, plastic pipe, plastic film and other fields of production, splicing and repair, worry-free choice in different welding fields.

Customer's Professional Choice

Provide multilevel drive motors and multiple power heating systems to meet the different needs of customers for welding quality. Choose more intelligent, use more at ease.

Suitable for welding PE, PP and other hot melt plastics.



Dual Heating Extrusion Welder Series

-  Intelligent Temperature Compensation
-  Fault Code Warning
-  Motor Cold Start Protection

LST 600A



Digital Display

Rated Voltage	230 / 120 V	Net Weight	6.9 Kg
Frequency	50 / 60 Hz	Size	525 x 226 x 331 mm
Extruding Motor Power	800 W	Driving Motor	HIKOKI
Hot Air Power	1600 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 2.5 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

LST 600B



Rated Voltage	230 V	Net Weight	6.9 kg
Frequency	50 Hz	Size	525 x 226 x 334 mm
Extruding Motor Power	800 W	Driving Motor	HIKOKI
Hot Air Power	3400 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 2.5 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

LST 600C



Rated Voltage	230 / 120 V	Net Weight	6.9 kg
Frequency	50 / 60 Hz	Size	532 x 226 x 250 mm
Extruding Motor Power	800 W	Driving Motor	HIKOKI
Hot Air Power	1600 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 2.5 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

The extrusion welding gun is the first one in China to provide the functions of base material and welding rod bipolar independent heating, digital temperature control display, 360 °C rotatable nozzle, motor cold start protection, etc. It is easy to operate, stable in performance, large in extrusion power, large in extrusion volume, and sustainable in welding, and is suitable for welding of PE, PP, PVC, PVDF and other hot melt plastics.

Double Heating System

The extruding heating system and the hot air heating system are controlled independently to ensure that the melting temperature of the material and the welding rod is the same, so as to achieve the best welding effect.



360° Rotating Welding Head

The hot air welding nozzle can be adjusted in 360° to meet different application requirements.

Motor Cold Start Protection

If the preset melting temperature is not reached, the extrusion motor cannot work, which effectively avoids the damage caused to the equipment by wrong operation.



Digital Display Controller

Microcomputer chip control, easy and intuitive operation, strong protection function.

Applicable Welding Shoes



Blank Welding Shoe



CL14 Round Welding Shoe



V8/10 Welding Shoe



K5/6 Right Angle Welding Shoe



K8/10 Right Angle Welding Shoe



UBL30 Overlapping Welding Shoe

• Compatible with all Lesite extrusion welding gun models

Dual Heating Extrusion Welder Series

-  Intelligent Temperature Compensation
-  Fault Code Warning
-  Motor Cold Start Protection
-  Extrusion Motor Overload Protection

LST 610A



Digital Display

Rated Voltage	230 V	Net Weight	7.2 kg
Frequency	50 Hz	Size	586 x 226 x 357 mm
Extruding Motor Power	1300 W	Driving Motor	METABO
Hot Air Power	1600 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 3.0 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

LST 610B



Rated Voltage	230 V	Net Weight	7.2 kg
Frequency	50 Hz	Size	585 x 226 x 361 mm
Extruding Motor Power	1300 W	Driving Motor	METABO
Hot Air Power	3400 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 3.0 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

LST 610C



Rated Voltage	230 V	Net Weight	7.2 kg
Frequency	50 Hz	Size	590 x 226 x 265 mm
Extruding Motor Power	1300 W	Driving Motor	METABO
Hot Air Power	1600 W	Motor Overload Protection	Standard Configuration
Welding Rod Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 3.0 Kg/h	Warranty	One Year
Welding Rod Diameter	φ 3.0 - 4.0 mm		

Single Heating Extrusion Welder Series

 Extrusion Motor Overload Protection

LST 600E



Rated Voltage	230 V	Welding Rod Diameter	φ 3.0 - 4.0 mm
Frequency	50 Hz	Weight	6 kg
Extruding Motor Power	800 W	Size	507 x 209 x 334 mm
Hot Air Power	3400 W	Driving Motor	HIKOKI
Welding Rod Heating Power	/	Motor Overload Protection	Standard Configuration
Hot Air Temp.	20 - 620 °C	Certificate	CE
Plastic Extruding Temperature	/	Warranty	One Year
Extruding Volume	2.0 - 2.5 Kg/h		

LST 600F



Rated Voltage	230 V	Welding Rod Diameter	φ 3.0 - 4.0 mm
Frequency	50 Hz	Weight	7.3 kg
Extruding Motor Power	1200 W	Size	503 x 227 x 408 mm
Hot Air Power	3400 W	Driving Motor	FEIJI
Welding Rod Heating Power	/	Motor Overload Protection	Standard Configuration
Hot Air Temp.	20 - 620 °C	Certificate	CE
Plastic Extruding Temperature	/	Warranty	One Year
Extruding Volume	1.8 - 2.2 Kg/h		

LST 610E



Rated Voltage	230 V	Welding Rod Diameter	φ 3.0 - 4.0 mm
Frequency	50 Hz	Weight	6.3 kg
Extruding Motor Power	1300 W	Size	566 x 226 x 353 mm
Hot Air Power	3400 W	Driving Motor	METABO
Welding Rod Heating Power	/	Motor Overload Protection	Standard Configuration
Hot Air Temp.	20 - 620 °C	Certificate	CE
Plastic Extruding Temperature	/	Warranty	One Year
Extruding Volume	2.0 - 3.0 Kg/h		

LST 620



Rated Voltage	230 V	Net Weight	8 kg
Frequency	50 Hz	Size	626 x 223 x 436 mm
Extruding Motor Power	1300 W	Driving Motor	METABO
Hot Air Power	1600 W	Motor Overload Protection	Standard Configuration
Plastic Granules Heating Power	800 W	Digital Display	Extruding Temperature
Hot Air Temp.	20 - 620 °C	Trouble Display	Code Warning
Plastic Extruding Temperature	50 - 380 °C	Certificate	CE
Extruding Volume	2.0 - 3.5 Kg/h	Warranty	One Year
Plastic Granules	φ 2.0 - 4.0 mm		

The extrusion welding gun is the first plastic granules feeding barrel extrusion welding gun in China. It has the functions of base material and plastic granules bipolar independent heating, digital temperature control display, 360°C rotatable welding nozzle, motor cold start protection. It is easy to operate, stable in performance, large in extrusion power, large in extrusion volume, and sustainable in welding. It is suitable for welding of PE, PP, PVC, PVDF and other hot melt plastics.

► Details



Double Heating System



Motor Cold Start Protection



Plastic Granules Feeding

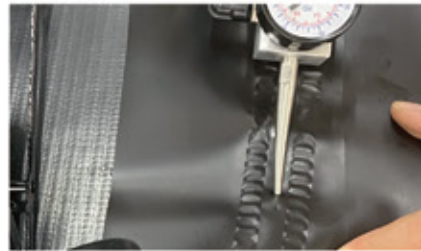


Digital Display Controller

Testing Equipment

LST-T001

Air Pressure Tester



On the construction site, it can inspect quickly and easily the inflation and air-tightness of the welded seam of the interior cavity.

LST-T004

Tensiometer



On the construction site, it is reliable and convenient to peel off welded sheets and test the tensile strength.

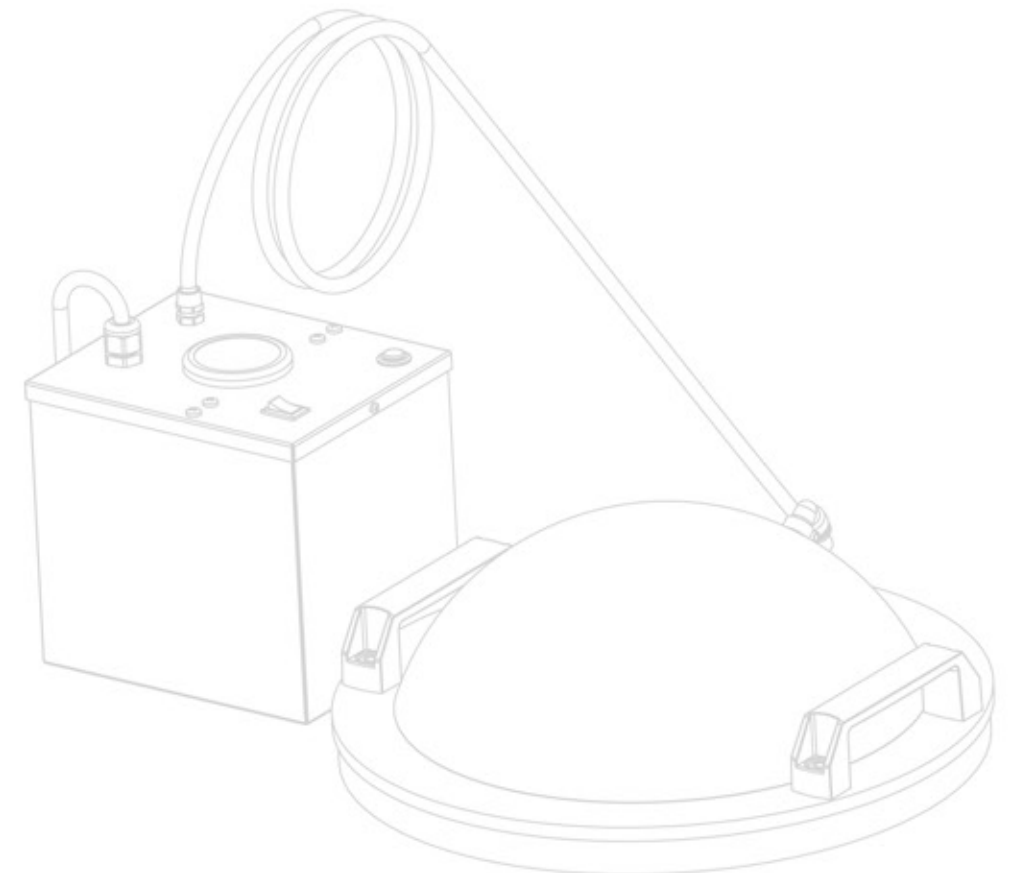


LST-T002

Vacuum Leak Tester



On the construction site, tightness testing for the T-shape welding area and the repaired parts.



Hot Air Gun



04

Features

Diversified Choices

The appearance ranges from integrated-type to split-type, the motor ranges from brush to brush-less, and the performance ranges from professional to economical. A variety of nozzles and models can meet different heating applications, greatly meet the equipment needs of customer.

Newly Upgraded Quality

Each hot air welding gun can be upgraded to a brush-less motor with advantages of Maintenance-free, long life, low noise, low vibration.

It is used for heating components, heat shrinking, heat baking, drying, etc. It is also used for welding pipes, pipe flanges, pipe repairs, plastic sheets, water tanks, electroplating tanks, water towers, and plastic containers made of all soluble materials such as PP, PE, and PVC.



Roof Corner Welding



Photovoltaic Bracket Welding



Plate Welding



Solar Panel Support Frame Welding

Geomembranes, tarpaulins, mesh fabrics, waterproof rolls, advertising fabrics, membrane structures, etc., made of all soluble materials such as PP, PE, and PVC. Seamless welding of PVC plastic flooring.

Designed for Professionals

Ingenuity Upgradation



New Components

Smart Temperature Control
Better Drive Unit

Overheating Protection
Heating Element +
Body Protection

More Precise
Closed Loop + Smart

New Upgraded Motor
Dustproof + Durable

Powerful
Continuous Use for
Professionals



► Details

New Drive Motor

New developed drive motor, adopting advanced assembly process, high-quality dustproof bearings, wear-resistant carbon brush, durable, life time ≥ 1000 hours.



Long-Life Power Switch

High quality power switches can achieve ideal service life even in harsh construction environments.



Overheating Protection Upgradation

The newly developed silicon photoelectric sensor replaces the traditional photosensitive resistance, with more accurate control and strong resistance to external interference.

Potentiometer Knob

The new potentiometer adopts metal seal structure, which is firm and durable, reliable sealing performance and of longer service life.

LST 1600A



Rated Voltage	230 / 120 V	Handle Dia	φ 65 mm
Frequency	50 / 60 Hz	Size	330 × 106 × 106 mm
Power	1600 W	Motor	Brush / Brushless
Temperature	20 - 620 °C	Overheat Protection	Standard Configuration
Air Volume	180 L/min	Temp. Control	Open Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	1.36 kg	Warranty	One Year

LST 1600S

Professional Preferred



Rated Voltage	230 / 120 V	Handle Dia	φ 58 mm
Frequency	50 / 60 Hz	Size	343 × 100 × 100 mm
Power	1600 W	Motor	Brush / Brushless
Temperature	20 - 620 °C	Overheat Protection	Standard Configuration
Air Volume	180 L/min	Temp. Control	Open Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	1.35 kg	Warranty	One Year

LST 1600D



Rated Voltage	230 / 120 V	Size	339 × 100 × 100 mm
Frequency	50 / 60 Hz	Motor	Brush
Power	1600 W	Digital Display	Temperature Display
Temperature	20 - 620 °C	Overheat Protection	Standard Configuration
Air Volume	180 L/min	Temp. Control	Closed Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	1.36 kg	Warranty	One Year
Handle Dia	φ 58 mm		

LST 1600E



Rated Voltage	230 / 120 V	Handle Dia	φ 58 mm
Frequency	50 / 60Hz	Size	339 × 103 × 103 mm
Power	1600 W	Motor	Brush
Temperature	20 - 620 °C	Overheat Protection	Standard Configuration
Air Volume	180 L/min	Temp. Control	Open Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	1.35 kg	Warranty	One Year

 Accessories


20mm Wide Slot Nozzle



40mm Wide Slot Nozzle



φ5mm Tubular Nozzle



90° Angle Nozzle



120° Angle Nozzle



Round Speed Nozzle



Triangle Speed Nozzle



Tacking Nozzle

LST 2000



Rated Voltage	230 / 120 V	Size	292 × 60 × 60 mm
Frequency	50 / 60 Hz	Motor	Brush / Brushless
Power	1600 W	Overheat Protection	Standard Configuration
Temperature	20 - 620 °C	Air Tube	3 m
Air Volume	150 L/min	Temp. Control	Open Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	2.4 kg	Warranty	One Year
Handle Dia	φ 42 mm		

LST 2000-G



Rated Voltage	230 / 120 V	Handle Dia	φ 42 mm
Frequency	50 / 60 Hz	Overheat Protection	Standard Configuration
Power	1550 W	Temp. Control	Open Loop
Temperature	20 - 620 °C	Certificate	CE
Noise	≤ 65 dB	Warranty	One Year
Weight	1.2 kg		

LST 2000D



Rated Voltage	230 / 120 V	Size	292 × 60 × 60 mm
Frequency	50 / 60 Hz	Motor	Brush / Brushless
Power	1600 W	Digital Display	Temperature Display
Temperature	20 - 620 °C	Overheat Protection	Standard Configuration
Noise	≤ 65 dB	Air Tube	3 m
Net Weight	2.4 Kg	Temp. Control	Closed Loop
Handle Dia	φ 42 mm	Certificate	CE
Weight	2.4 kg	Warranty	One Year

LST 2000D-G



Rated Voltage	230 / 120 V	Handle Dia	φ 42 mm
Frequency	50 / 60 Hz	Digital Display	Temperature Display
Power	1550 W	Overheat Protection	Standard Configuration
Temperature	20 - 620 °C	Temp. Control	Closed Loop
Noise	≤ 65 dB	Certificate	CE
Weight	1.2 kg	Warranty	One Year

LST 2000-W



Rated Voltage	230 / 120 V	Handle Dia	φ 65 mm
Frequency	50 / 60 Hz	Overheat Protection	/
Power	50 W	Temp. Control	/
Temperature	20 - 620 °C	Certificate	CE
Noise	≤ 65 dB	Warranty	One Year
Weight	1.05 kg		

LST 3400



Rated Voltage	230 V	Handle Dia	φ 65 mm
Frequency	50 Hz	Size	328 × 106 × 106 mm
Power	3400 W	Motor	Brush / Brushless
Temperature	20 - 550 °C (Brush) 20 - 650 °C (Brushless)	Overheat Protection	Standard Configuration
Air Volume	500 L/min	Temp. Control	Open Loop
Noise	≤ 65 dB	Certificate	CE
Net Weight	1.51 kg	Warranty	One Year

The hot air welding gun is powerful, widely used, with function of double insulation, two-stage overheating protection, constant temp control and continuous adjustment. It is applicable to welding PE, PP, EVA, PVC, TPO, PVDF and other hot melt plastics, as well as hot forming, heat shrinking, drying, ignition and other operations.

► Details



Adjustable Temperature

The temperature can be adjusted freely, safely and reliably.

 Accessories


70mm Wide
Slot Nozzle



U Type
Reflector

Roof Welding Machine



05



Features

Multiple Applications

Whether it is the large-area welding of flat roofs, or partial welding of parapets and gutters, it can meet all the needs of customers for the welding roof waterproof materials which is more convenient and more reliable.

Welding Quality Assurance

PVC, TPO, modified SBS and other materials in industrial plants, public venues, underground projects, ports, swimming pools, etc., can be matched with different types of roof welding machines to make welding more convenient and easy.

Suitable for welding roof polymer waterproofing membranes such as PVC, TPO, EPDM, CPE, and SBS.



Fast and Efficient TPO Welding



Welding TPO (1.8mm) Roofing Membrane



TPO Welding



Welding TPO (1.8mm) Roofing Membrane



LST-WP1

Rated Voltage	230 / 380 V	Net Weight	38 kg
Frequency	50 Hz	Size	555 × 358 × 304 mm
Rated Power	4200 / 5200 W	Motor	Brush
Heating Temp.	60 - 650 °C	Air Volume	Not Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

LST-WP1



Rated Voltage	230 / 380 V	Net Weight	38 kg
Frequency	50 Hz	Size	555 × 358 × 304 mm
Rated Power	4200 / 5200 W	Motor	Brushless
Heating Temp.	60 - 650 °C	Air Volume	Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

The welding machine adopts advanced hot-air heating technology, which is easy to operate, stable in performance, powerful, high-speed welding, high quality welding seam, suitable for the roof waterproof welding construction material of PVC, TPO, EPDM, CPE and other polymer waterproofing membranes.

Details



Accurate
Positioning System



Intelligent
Control System



Efficient
Welding Nozzle



Advanced Belt Combined with
Pressure Rollers System

The flame-free modified SBS welding machine adopts hot air heating way to weld modified SBS, which is firm and reliable, and is widely used in non-curing edge banding.



LST-WP2

Rated Voltage	230 / 380 V	Net Weight	36 kg
Frequency	50 Hz	Size	543 × 370 × 320 mm
Rated Power	4200 / 5200 W	Motor	Brushless
Heating Temp.	60 - 650 °C	Air Volume	Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	80 mm	Warranty	One Year

► Application



► Application



Welding Gutter Edge



Parapet Wall Welding



LST-WP4

Rated Voltage	230 / 380 V	Net Weight	29 kg
Frequency	50 Hz	Size	557 × 316 × 295 mm
Rated Power	4200 / 5200 W	Motor	Brush
Heating Temp.	60 - 650 °C	Air Volume	Not Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

LST-WP4



Rated Voltage	230 / 380 V	Net Weight	29 kg
Frequency	50 Hz	Size	557 × 316 × 295 mm
Rated Power	4200 / 5200 W	Motor	Brushless
Heating Temp.	60 - 650 °C	Air Volume	Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

The new generation of roof welding machine RM1 has affordable price, mini shape, also be equipped with 3400W high-power air blower and closed-loop digital display temp and speed control panel, which can achieve high-quality welding effect on thermoplastic waterproof membrane (PVC, TPO, EPDM, ECB, EVA, etc.). The overall performance is better than products of the same level.



LST-RM1 BL MOTOR

Rated Voltage	230 V	Net Weight	23 kg
Frequency	50 Hz	Size	530 × 330 × 280 mm
Rated Power	3600 W	Motor	Brushless
Heating Temp.	60 - 650 °C	Air Volume	Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

Advantages



This power supply module is designed specifically for outdoor use and can operate normally within a power supply voltage range of 180-240V.



The one-button walking function makes the machine moving more convenient in standby mode.



Light weight, easy to move, barrier-free welding.



It is equipped with a maintenance-free brushless motor, giving it high performance and durability.

The welder is the first semi-automatic welding tool in China, which is flexible in welding projects like parapet wall, ceiling wall and flat roof with it is simple and compact design. It is faster and more effective than hand held hot air welding gun.

Application



LST-TAC

Rated Voltage	230 / 120 V	Net Weight	4.5 kg
Frequency	50 / 60 Hz	Size	270 × 160 × 420 mm
Rated Power	1700 W	Motor	Brush
Heating Temp.	60 - 600 °C	Air Volume	Not Adjustable
Welding Speed	1.0 - 5.0 m/min	Certificate	CE
Seam Width	40 mm	Warranty	One Year

Banner & Tarpaulin Welder



06



Features

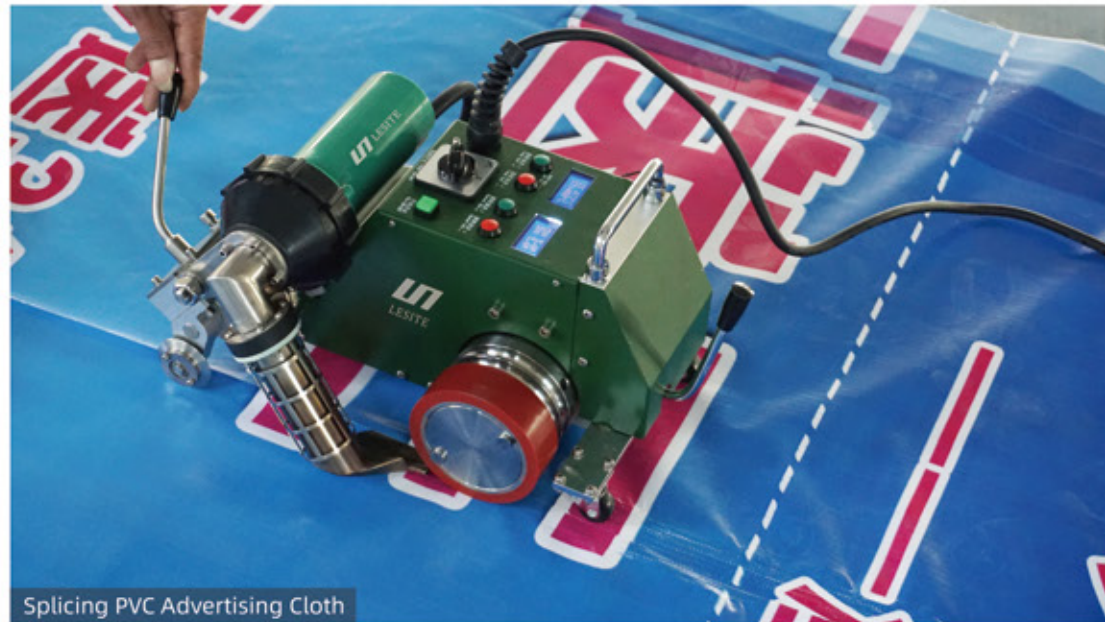
Wide Ranges of Applications

Provide practical and high-quality equipment and application solutions for the splicing and production of advertising printing, fast soft doors, awnings, tents, inflatable castles, plastic products, etc.

Customers' Professional Choices

Mobile and desktop hot-air welding machines meet the different process requirements such as splicing, hem welding, rope welding, tape welding and so on. The operation is convenient, simple and efficient, which provides customer with the user's best experience.

It adopts advanced hot air heating technology, is easy to operate, has stable performance, high overall power, high welding speed, and good welding effect.



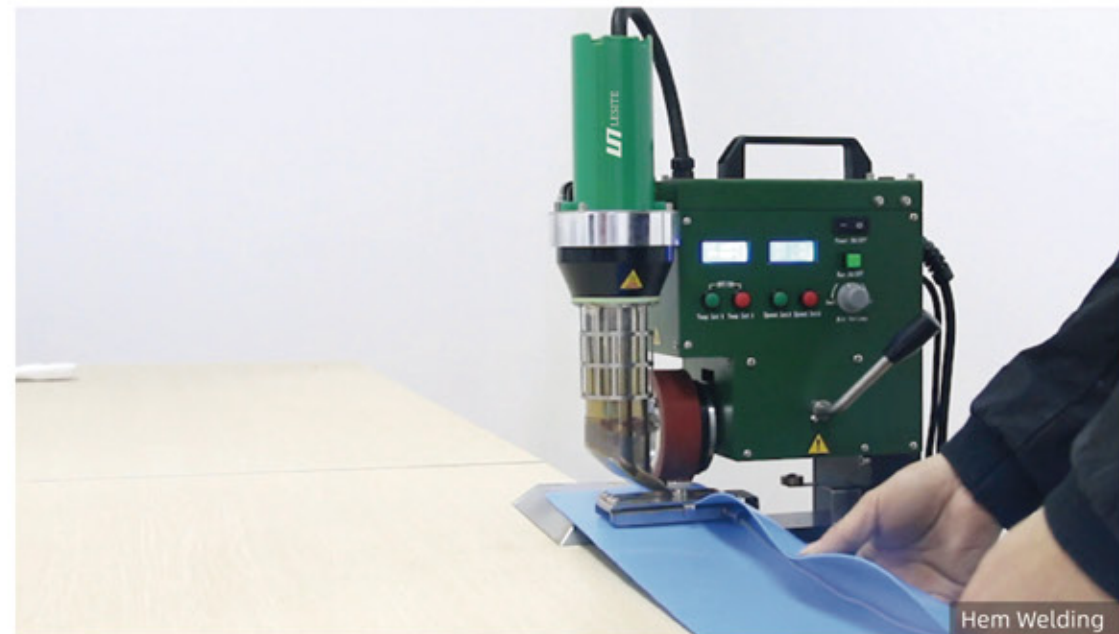
Splicing PVC Advertising Cloth



Splicing PVC Advertising Cloth



Waterproof Tape Welding



Hem Welding

Suitable for splicing advertising banners, tarpaulins, etc.
(auxiliary accessories can be installed for folding
and rope welding).

LST-UME



Rated Voltage	230 V	Size	475 × 290 × 205 mm
Frequency	50 Hz	Seam Width	30 / 40 mm
Power	2800 W	Motor	Brush / Brushless
Heating Temp.	60 - 620 °C (Brush) 60 - 650 °C (Brushless)	Air Volume	No Adjustable / Stepless Adjustable
Welding Speed	1.5 - 10.0 m/min	Certificate	CE
Net Weight	13 kg	Warranty	One Year

Rated Voltage	120 V	Size	475 × 290 × 205 mm
Frequency	60 Hz	Seam Width	30 / 40 mm
Power	2200 W	Motor	Brush
Heating Temp.	60 - 550 °C (30mm) 60 - 500 °C (40mm)	Air Volume	No Adjustable
Welding Speed	1.5 - 10.0 m/min	Certificate	CE
Net Weight	13 kg	Warranty	One Year

LST-MAT1



Rated Voltage	230 V	Size	535 × 336 × 268 mm
Frequency	50 Hz	Seam Width	40 mm
Power	4200 W	Motor	Brush / Brushless
Heating Temp.	60 - 650 °C	Air Volume	No Adjustable / Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Net Weight	22 kg	Warranty	One Year

LST-MAT2



Rated Voltage	230 V	Size	535 × 336 × 268 mm
Frequency	50 Hz	Seam Width	40 mm
Power	4200 W	Motor	Brush / Brushless
Heating Temp.	60 - 650 °C	Air Volume	No Adjustable / Stepless Adjustable
Welding Speed	1.0 - 10.0 m/min	Certificate	CE
Net Weight	25 kg	Warranty	One Year

LST-PAU



Rated Voltage	230 / 120 V	Size	350 × 350 × 560 mm
Frequency	50 / 60 Hz	Seam Width	30 mm
Power	3600 / 2200 W	Motor	Brushless
Heating Temp.	60 - 620 °C	Air Volume	No Adjustable
Welding Speed	1.0 - 12.0 m/min	Certificate	CE
Net Weight	19 kg (Including mounting bracket)	Warranty	One Year

This welding machine is suitable for jointing flooring plastic materials such as PVC, CV, and PUR. It is especially used for welding floors of large buildings such as schools, hospitals, airports, and sports fields, as well as outdoor SES rubber prefabricated running tracks.



LST-FLR

Rated Voltage	230 V	Net Weight	12.5 kg
Frequency	50 Hz	Size	460 × 236 × 250 mm
Power	1800 W	Welding Rod	< 8 mm
Heating Temp.	50 - 650 °C	Motor	Brushless
Welding Speed	1.0 - 10.0 m/min	Warranty	One Year

 Features


Temperature and speed closed-loop control, simultaneously displaying setpoint and actual values, making operation more intuitive.



The guide wheels ensure the machine walks in a straight line along the welding seam.

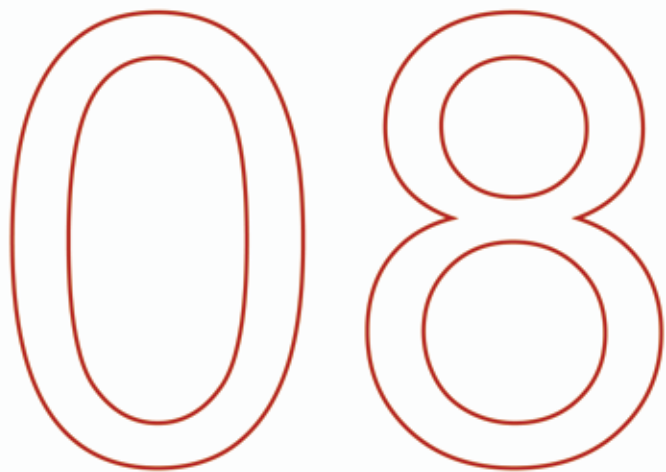
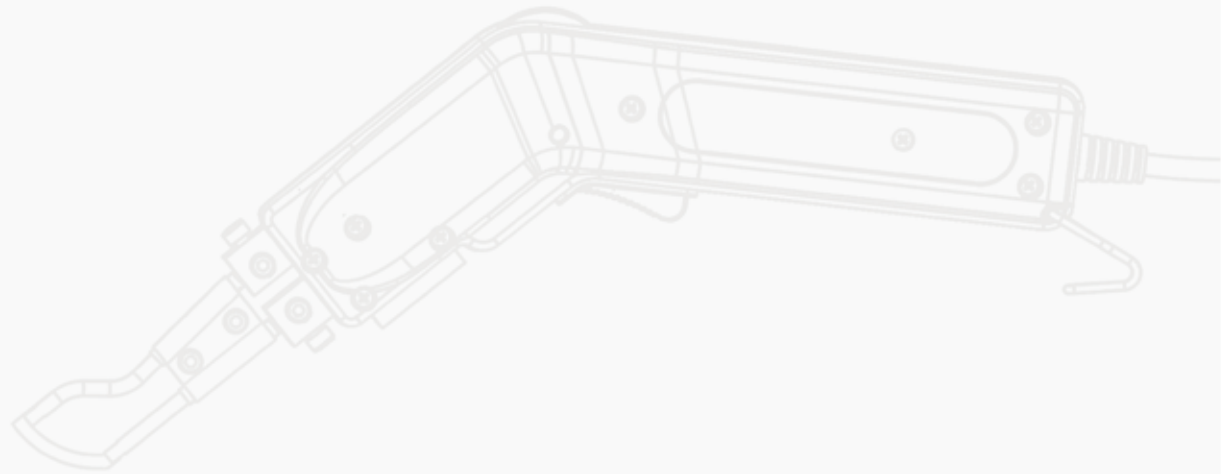


The hot air gun unit is equipped with a brushless motor, which is durable, maintenance-free, requires no carbon brush replacement.



The simple lifting wheel design makes it easy to move and locate the machine.

Electric Hot Cutter



Features

Scope of Applications

1. Sponge foam: sponge, foam, foam slotting, EPS, EVA, pearl cotton, bubble pad and so on.
2. Rubber plastic: plastic, rubber, plastic opening, acrylic cutting, benzene board cutting, KT board, advertising cloth, carpet, PVC pipe, all kinds of plastic sheet, nylon pipe, plastic pipe, cable and so on.
3. Cable: synthetic fabric, cable, braided belt, ton bag, PVC rope, Nylon rope, packing belt, mesh fabric, etc.
4. Cloth leather category: cloth, non-woven cloth, curtain cloth, canvas, nylon cloth, waterproof cloth, leather, carpet and so on.
5. Other categories: cork, dirt cleaning, aluminum film.

LH8100



Rated Voltage	120 / 230 V	Power Wire Length	3 m
Frequency	50 / 60 Hz	Product Size	24 × 4.5 × 3.5 cm
Power	100 W	Package Size	28 × 23 × 8 cm
Temp. Regulation	Adjustable	Net Weight	395 g
Blade Temp.	50 - 600 °C		

LH8150

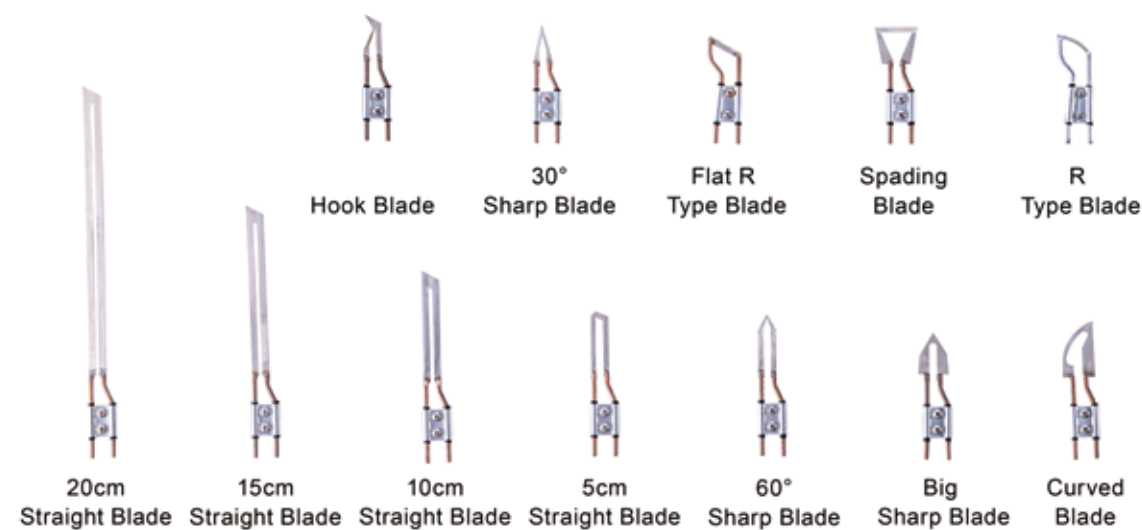


Rated Voltage	120 / 230 V	Power Wire Length	3 m
Frequency	50 / 60 Hz	Product Size	24 × 4.5 × 3.5 cm
Power	150 W	Package Size	28 × 23 × 8 cm
Temp. Regulation	Adjustable	Net Weight	395 g
Blade Temp.	50 - 600 °C		

LH8200



Rated Voltage	120 / 230 V	Power Wire Length	3 m
Frequency	50 / 60 Hz	Product Size	24 × 4.5 × 3.5 cm
Power	200 W	Package Size	28 × 23 × 8 cm
Temp. Regulation	Adjustable	Net Weight	395 g
Blade Temp.	50 - 600 °C		

 All Kinds of Blades


Accessories

Silicone Rollers			
			
			
Teflon Rollers			
			
Brass / Steel Rollers			
			

Heating Element

Others