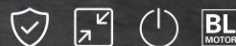




# LESITE 2021 GENERAL CATALOG

Fuzhou Lesite Plastics  
Welding Technology



Professional Manufacturer of Plastic Welding  
Equipment and Industrial Heating

# Company Profile

Fuzhou Lesite Plastics Welding Technology Co., Ltd being one member of China Geosynthetics Engineering Association and China National Waterproofing Building Association is a high-tech enterprise specialized in plastic welding equipment research & development, manufacturing and technical consulting service on plastic welding machines and industrial heating equipment. "Seeking truth and being pragmatic, being brave to develop, striving for perfection, and serving customers" is the company's business development philosophy. As a leader in China plastic welding industry, Lesite has a strong R&D team, advanced production equipment and a complete quality management system. We will provide customers with first-class products and solutions with proficient professional knowledge and meticulous service.

After more than ten years of development, our products have formed: geomembrane welding machine, plastic extrusion welder, roof welding machine, hot air welding gun, industrial heater, banner / tarpaulin welder plastic floor welding machine, electric hot cutter and testing equipment and other product series. These machines are popular with customers from 50 countries and areas that are widely used in a lots of engineering projects such as environmental protection and anti-seepage, building waterproofing, chemical anti-corrosion, plastic welding, industrial heating, banner and tarpaulin production, hot cutting and so on.



## Date of establishment

- ◆Three young people with dreams started their entrepreneurial road
- ◆Three employees, 150 square meters
- ◆The first geomembrane welding machine successfully developed
- ◆It is applied to the national key projects such as the South-to-North Water Diversion Project

2005



## Growth Stage

- ◆Hot air welding gun series launched
- ◆Plastic extrusion welder series launched
- ◆Roof welding machine series launched
- ◆Expansion of overseas business

2012

2010

- ◆Moved into the municipal technology business incubator
- ◆Fuzhou Lesite Plastics Welding Technology Co., LTD was established
- ◆12 employees, 600 square meters
- ◆Set up R&D and sales team



## Initial Stage



## Development Stage

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

2015

2017

- ◆Form seven categories of product lines , total with more than 20 products
- ◆It has an independent modern factory, 57 employees, 4000 square meters
- ◆Operate multiple e-commerce platforms such as Amazon, Alibaba, Taobao, etc
- ◆Product sales and services cover more than 50 countries and regions



## Looking to The Future

- ◆Awarded the National High-tech Enterprise certification
- ◆Formulate a global development strategy for the next 5 years
- ◆Create an international brand
- ◆Establish a global sales network
- ◆Sales exceeded 100 million

2021



## Stable Stage

# Product Catalog

## Roofing Welding Machine P5-P30

- ♦ LST-WP1
- ♦ LST-WP2
- ♦ LST-WP4
- ♦ LST-RM1
- ♦ LST-TAC
- ♦ LST-REW

## Geomembrane Welding Machine P31-P46

- ♦ LST900
- ♦ LST800/810/820
- ♦ LST-GM1/GM2
- ♦ LST700

## Plastic Extrusion Welder P47-P60

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

## Hot Air Welding Gun P65-P76

- ♦ LST1600
- ♦ LST3400
- ♦ LST2000

## Pressure Roller/accessories P77-P78

- ♦ Silicon Pressure roller
- ♦ Teflon roller
- ♦ Copper/Steel Pressure roller
- ♦ Seam Tester
- ♦ Heating elements

## Ultrasonic/Magnetic Welding Machine P61-P62

- ♦ LST-C800
- ♦ LST-C4200

## Testing Machine P63-P64

- ♦ LST-T001
- ♦ LST-T002
- ♦ LST-T003
- ♦ LST-T004

## Banner & Tarpaulin Welder P79-P84

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

## Electric Hot Cutter P85-P86

- ♦ LH8100
- ♦ LH8150
- ♦ LH8200
- ♦ LH8250



LST-WP1



LST-WP2



LST-WP4



LST-RM1



LST-TAC



LST-REW

## Roofing Welding Machine

### ★Multiple application

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 to use and more reliable to weld.

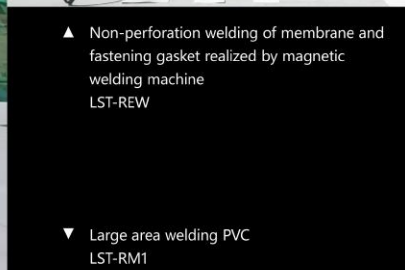
### ★Wide range of applications

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





▼ Welding modified SBS by flameless method  
LST-WP2



▲ Non-perforation welding of membrane and fastening gasket realized by magnetic welding machine  
LST-REW



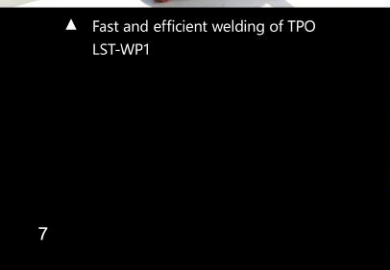
▼ Large area welding PVC  
LST-RM1



▲ Gutter edge welding  
LST-WP4



▼ various tight space welding  
LST-TAC



▲ Fast and efficient welding of TPO  
LST-WP1





# LST-WP1

## Powerful & Fast Welding Speed

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

# LST-WP1

## Technical Parameter

### Model LST-WP1

Rated Voltage	230V
Rated Power	4200W
Welding Temperature	50~620 °C
Welding Speed	1~10m/min
Seam Width	40mm
Dimensions (LxWxH)	555×358×304mm
Net Weight	38 kg
Motor	Brush
Air Volume	No Adjustable
Certificate	CE
Warranty	1 Year

### Model LST-WP1

Rated Voltage	230V
Rated Power	4200W
Welding Temperature	50~620 °C
Welding Speed	1~10m/min
Seam Width	40mm
Dimensions (LxWxH)	555×358×304mm
Net Weight	38 kg
Motor	Brushless
Air Volume	stepless adjustable
Certificate	CE
Warranty	1 Year





# LST-WP1

## Product Details



### Intelligent control system



Easy and intuitive operation. Field voltage 180V-240V can still be used normally. Closed-loop control temperature and speed with parameter setting memory and fault alarm function.

### Efficient welding nozzle



Anti-scald protection design with maximizing heat volume and air volume effectively ensure the welding quality and improve the construction efficiency.

### Accurate positioning system



Through the positioning of the guiding positioning wheel, it ensures the welder walking straightly without deviation.

### Advanced belt combined with pressure rollers system



The belt and pressure roller are simple and convenient to replace, the pressure is balanced, and the walking is stable, which can well suppress the bulging phenomenon and ensure the uniform and reliable welding seam.





230<sup>V</sup>  
Rated Voltage

4200<sup>W</sup>  
Rated Power

1.0-10 m/min  
Welding Speed

50-620<sup>°C</sup>  
Heating Temperature

80-100<sup>mm</sup>  
Seam Width

36<sup>KG</sup>  
Net Weight

# LST-WP2

## Bitumen Hot Air Welder

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

# LST-WP4

**4** Flexible and multiple application  
**in1**

The new generation of roofing hot air welder WP4 offers more application diversity. The welding of high quality thermoplastic waterproof membranes (PVC,TPO, EPDM, ECB, EVA, etc.) can be realized welding quickly in or near the gutter of the roof, on the edge of parapet or in other narrow spaces.

Powerful

Compact

Durable



# LST-WP4

## Technical Parameter

Model	LST-WP4
Rated Voltage	230V
Rated Power	4200W
Welding Temperature	50 ~ 620 °C
Welding Speed	1~10m/min
Seam Width	40mm
Dimensions (LxWxH)	557×316×295mm
Net Weight	28 kg
Motor	Brush
Air Volume	No Adjustable
Certificate	CE
Warranty	1 Year

Model	LST-WP4 
Rated Voltage	230V
Rated Power	4200W
Welding Temperature	50 ~ 620 °C
Welding Speed	1~10m/min
Seam Width	40mm
Dimensions (LxWxH)	557×316×295mm
Net Weight	28 kg
Motor	Brushless
Air Volume	Stepless adjustable
Certificate	CE
Warranty	1 Year





# LST-WP4

## Applications



Weld close to the gutter edge



Weld narrow space in the gutter



Weld close to parapet wall 6 cm

The front wheel is movable from left to right, especially suitable for welding in various narrow spaces



# LST-RM1

*Lightweight with excellent performance*

A new generation Roofing Hot Air Welding Machine

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 temperature and speed control panel, which can achieve high-quality welding on thermoplastic waterproof membrane (PVC, TPO, EPDM, ECB, EVA, etc.). the overall performance is much higher than products of the same level.



# LST-RM1

## Technical Parameter

Model	LST-RM1 
Rated Voltage	230V
Rated Power	3600W
Welding Temperature	50~620℃
Welding Speed	1~10m/min
Seam Width	40mm
Dimensions (LxWxH)	530×330×280mm
Net Weight	20 kg
Motor	Brushless
Air Volume	Stepless adjustable
Certificate	CE
Warranty	1 Year

## Advantages



Power supply template specially designed for outdoor  
The power supply voltage range of 180-240V can still be used normally



One-click walk button  
It is more convenient to move the machine in standby mode



Light weight, easy to move,  
barrier-free welding



Equipped with maintenance free  
brushless motor  
Give it high performance and durability







230/120<sup>V</sup>  
Rated Voltage

1700<sup>W</sup>  
Rated Power

0.5–5<sup>m/min</sup>  
Welding Speed

50–620<sup>°C</sup>  
Welding Temperature

40<sup>mm</sup>  
Seam Width

4.5<sup>KG</sup>  
Net Weight

# LST-TAC

## Semi-auto Roofing Hot Air Welder

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 its simple and compact design. It is faster and more effective than hand held hot air welding gun.



230<sup>v</sup>  
Voltage

4200<sup>w</sup>  
Power

0.1-10<sup>s</sup>  
Welding Time

40-100<sup>%</sup>  
Output amplitude

25<sup>kg</sup>  
Weight

1<sup>Year</sup>  
Warranty

# LST-REW

## Roof Electromagnetic Welding Machine

The new roofing electromagnetic welder adopts the electromagnetic induction controlled by the microprocessor to weld the roofing membrane and the fastening gasket firmly. Simple operation, strong magnetic force and rapid heat dissipation can fix the thermoplastic waterproof membrane to the roof grassroots.



LST800



LST810



LST900



LST-GM1



LST-GM2



LST700

## Geomembrane Welding Machine

### ★ 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.





▲ HDPE(2.0mm) Geomembrane, Solid Waste Landfills LST900

▼ Geomembrane Hot Air Welder LST700



▲ Composite Geomembrane, South-to-North Water Diversion Project LST800

▼ Tunnel Waterproofing Sheet Welding LST800

▲ HDPE(1.0mm) Geomembrane, Artificial Lake Project LST800D

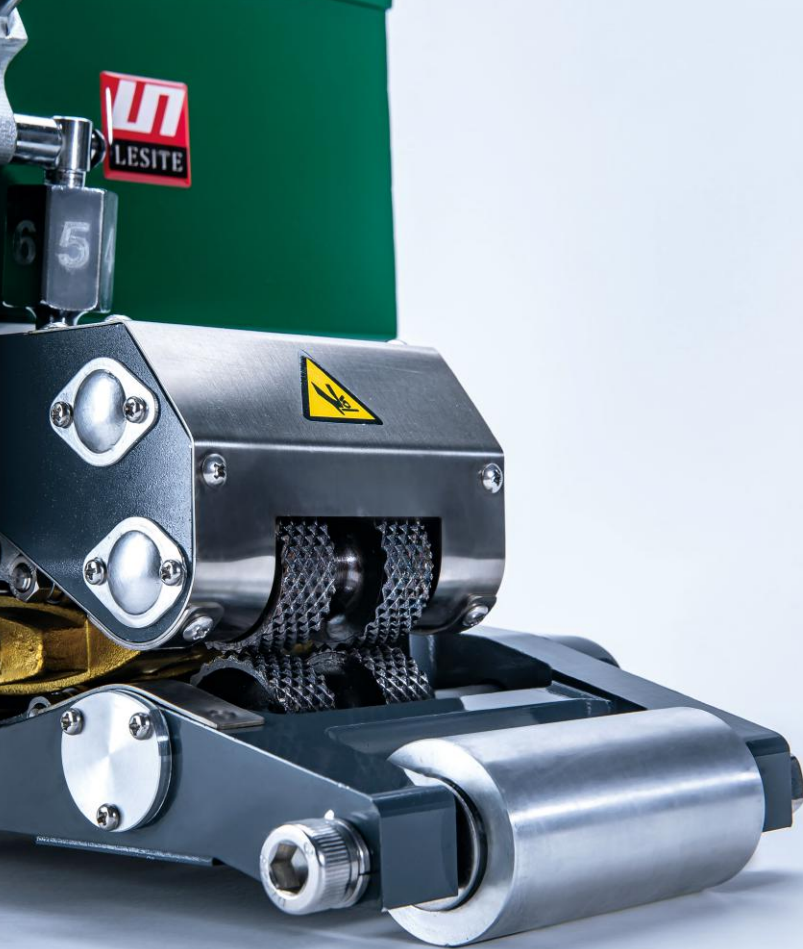




# LST900

## Heavy – Duty Geo Hot Wedge Welder

The welding machine adopts an advanced hot wedge structure, which has better heating efficiency and faster welding speed. It is especially suitable for 1.0-3.0mm thick HDPE membrane materials. The products are used in water conservancy, aquaculture, and landfill. Chemical mining, sewage Waterproof and anti-seepage projects in the fields of treatment, roof construction, etc.



# LST900/900D

## Technical Parameter

Model	LST900	LST900D
Rated Voltage	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz
Rated Power	1800 W / 1650 W	1800 W / 1650 W
Welding Speed	1 – 5 m/min	1 – 5 m/min
Welding Temp.	50 – 450 °C	50 – 450 °C
Welding Pressure	100–1000N	100–1000N
Material Thickness	1.0 mm – 3.0 mm (Single Layer)	1.0 mm – 3.0 mm (Single Layer)
Overlap Width	12 cm	12 cm
Welding Seam	15 mm*2; Interior Cavity 15mm	15 mm*2; Interior Cavity 15mm
Seam Strength	≥ 85% Materials	≥ 85% Materials
Net Weight	13.0 Kg	13.0 Kg
Display	Temp. Display	Temp. & Speed Display
Certificate	CE	CE
Warranty	1 Year	1 Year



# LST900

## Product Details



Closed-loop control system



Simple and intuitive operation, closed-loop heating temperature control, on-site working voltage display, real-time monitoring of working parameters.

High torque transmission system



The high-torque motor is equipped with a precise two-group transmission mechanism, which can easily achieve large slope crawling and relatively harsh construction environments.

Newly upgraded heating system



The hot wedge structure is more robust and can increase the contact area with the welding material, which increases the welding efficiency by 30%.

Pressure adjustment system



According to the thickness of the material, it is convenient to select the appropriate pressure; the T-shaped cantilever head design ensures the pressure balance and the uniform welding seam

# LST800/810/820

## Technical Parameter



**LST800**



**LST800D**



**LST810**



**LST820**

Model	LST800	LST800D	LST810	LST820
Rated Voltage	230 V / 120 V	230 V / 120 V	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Power	800 W / 1100 W	800 W / 1100 W	800 W / 1100 W	800 W / 1100 W
Welding Speed	0.5 – 5 m/min	0.5 – 5 m/min	1 – 5 m/min	0.5 – 5 m/min
Heating Temperature	50 – 450 °C	50 – 450 °C	50 – 450 °C	50 – 450 °C
Material Thickness Welded	0.2mm–1.5mm (Single Layer)	0.2mm–1.5mm (Single Layer)	0.2mm–1.5mm (Single Layer)	0.2mm–1.5mm (Single Layer)
Seam Width	12.5mm*2, Interior Cavity 12mm	12.5mm*2, Interior Cavity 12mm	12.5mm*2, Interior Cavity 12mm	12.5mm*2, Interior Cavity 12mm
Seam Strength	≥ 85 % Material	≥ 85 % Material	≥ 85 % Material	≥ 85 % Material
Net Weight	5.0kg	5.0kg	5.5kg	6.0kg
Overlap Width	10cm	10cm	15cm	20cm
Digital Display		•		
Certificate	CE	CE	CE	CE
Warranty	1 Year	1 Year	1 Year	1 Year



Double Hot Wedge



Single Hot Wedge



Silicon Pressure Roller



Steel Pressure Roller

## Accessories



# LST-GM1/GM2

## Technical Parameter

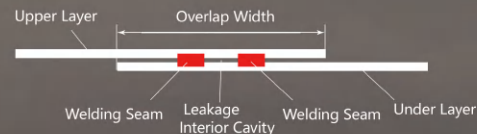


Model

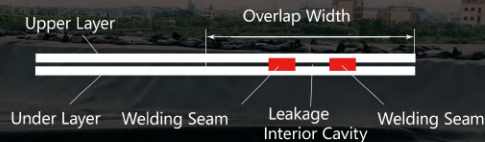
**LST-GM1**

**LST-GM2**

Rated Voltage	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz
Rated Power	1400 W	600 W
Welding Speed	0.5 – 6.0 m/min	0.5 – 5.0 m/min
Heating Temperature	50 – 450 °C	50 – 450 °C
Welding Pressure	100–1000 N	100–1000 N
Material Thickness Welded	0.2 mm – 2.0 mm(Single Layer)	0.2 mm – 2.0 mm (Single Layer)
Overlap Width	12 cm	12 cm
Seam Width	15 mm *2, Interior Cavity 15mm	15 mm *2, Interior Cavity 15mm
Seam Strength	≥ 85 % Material	≥ 85 % Material
Net Weight	9.0 Kg	7.5 Kg
Membrane Laying Ways	Membrane laying way by one edge against the other edge	Membrane laying way towards one edge
Digital Display	Temp. & Speed Display	Temp. & Speed Display
Certificate	CE	CE
Warranty	1 Year	1 Year



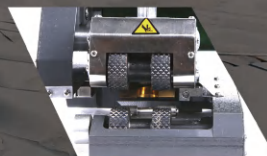
LST-GM1 Welding Diagram



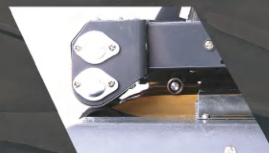
LST-GM2 Welding Diagram



Control System



Pressure Roller Structure



Heating System



Membrane Laying Structure

# LST700

## Technical Parameter



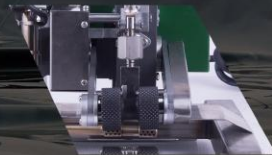
Model

**LST700**

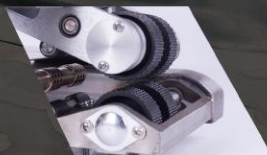
Rated Voltage	230 V / 120 V
Frequency	50 / 60 Hz
Rated Power	2800 W / 2200 W
Welding Speed	0.5 ~ 3.5 m/min
Heating Temperature	50 ~ 620 °C
Welding Pressure	100~1000N
Material Thickness Welded	0.5 mm ~ 2.0 mm
Overlap Width	16 cm
Seam Width	15 mm *2 , Interior Cavity 15mm
Seam Strength	≥ 85% Material
Net Weight	7.5 Kg
Digital Display	Temp. & Speed Display
Certificate	CE
Warranty	1 year



Control System



Pressure Adjustment System



Pressure Roller Structure



Hot Air Heating System





LST600



LST610



LST610E



LST620

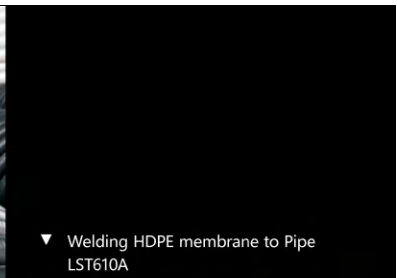
## Plastic Extrusion Welder

### ★ 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.

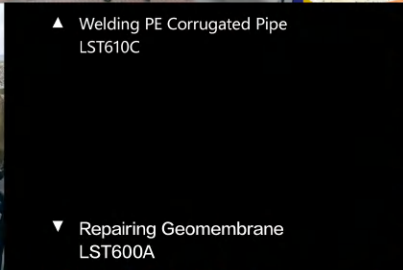
### ★ Customer's professional choice

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.



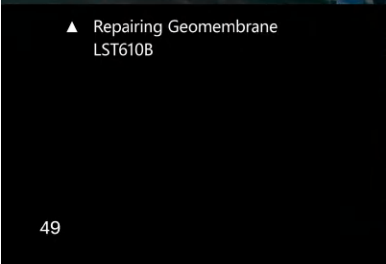
▲ Welding Plastic Pipes  
LST610C

▼ Warm-up Preparation in Workshop  
LST610C



▲ Welding PE Corrugated Pipe  
LST610C

▼ Repairing Geomembrane  
LST600A



▲ Repairing Geomembrane  
LST610B



# LST610A

## Details Display

### 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-degree Rotating Welding Head

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



### Digital Display Controller

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

### 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.







# LST600

## Product Parameter



## Dual Heating Extrusion Welder Series

-  Intelligent Temperature Compensation
-  Fault Code Warning
-  Motor Cold Start Protection
-  Extrusion motor overload protection

### Model

### LST600A

Rated Voltage	230 V
Frequency	50 / 60 Hz
Extruding Motor Power	800 W
Hot Air Power	1600 W
Welding Rod Heating Power	800 W
Hot Air Temperature	20 – 620°C
Plastic Extruding Temperature	50 – 380°C
Extruding Volume	2.0–2.5 Kg/h
Welding Rod Diameter	φ3.0–4.0mm, 5.0mm Can Be Customized
Net Weight	6.9 Kg
Driving Motor	HIKOKI
Digital Display	Extruding Temperature
Trouble Display	Code Warning
Certificate	CE
Warranty	1 year

### LST600B

Rated Voltage	230 V
Frequency	50 / 60 Hz
Extruding Motor Power	800 W
Hot Air Power	3400 W
Welding Rod Heating Power	800 W
Hot Air Temperature	20 – 620°C
Plastic Extruding Temperature	50 – 380°C
Extruding Volume	2.0–2.5 Kg/h
Welding Rod Diameter	φ3.0–4.0mm, 5.0mm Can Be Customized
Net Weight	6.9 Kg
Driving Motor	HIKOKI
Digital Display	Extruding Temperature
Trouble Display	Code Warning
Certificate	CE
Warranty	1 year

### LST600C

Rated Voltage	230 V
Frequency	50 / 60 Hz
Extruding Motor Power	800 W
Hot Air Power	1600 W
Welding Rod Heating Power	800 W
Hot Air Temperature	20 – 620°C
Plastic Extruding Temperature	50 – 380°C
Extruding Volume	2.0–2.5 Kg/h
Welding Rod Diameter	φ3.0–4.0mm, 5.0mm Can Be Customized
Net Weight	6.9 Kg
Driving Motor	HIKOKI
Digital Display	Extruding Temperature
Trouble Display	Code Warning
Certificate	CE
Warranty	1 year



# LST610

## Product Parameter



Model	LST610A
Rated Voltage	230 V
Frequency	50 / 60 Hz
Extruding Motor Power	1300 W
Hot Air Power	1600W
Welding Rod Heating Power	800 W
Hot Air Temperature	20 – 620°C
Plastic Extruding Temperature	50 – 380°C
Extruding Volume	2.0–3.0 Kg/h
Welding Rod Diameter	φ3.0–4.0mm, 5.0mm Can Be Customized
Net Weight	7.2 Kg
Driving Motor	METABO
Digital Display	Extruding Temperature
Trouble Display	Code Warning
Certificate	CE
Warranty	1 year

## Dual Heating Extrusion Welder Series

- ⌚ Intelligent Temperature Compensation
- ★ Fault Code Warning
- ⚙️ Motor Cold Start Protection
- ⚡ Extrusion motor overload protection



### LST610B

Model	LST610B	LST610C
Rated Voltage	230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz
Extruding Motor Power	1300 W	1300 W
Hot Air Power	3400 W	1600 W
Welding Rod Heating Power	800 W	800 W
Hot Air Temperature	20 – 620°C	20 – 620°C
Plastic Extruding Temperature	50 – 380°C	50 – 380°C
Extruding Volume	2.0–3.0 Kg/h	2.0–3.0 Kg/h
Welding Rod Diameter	φ3.0–4.0mm, 5.0mm Can Be Customized	φ3.0–4.0mm, 5.0mm Can Be Customized
Net Weight	7.2 Kg	7.2 Kg
Driving Motor	METABO	METABO
Digital Display	Extruding Temperature	Extruding Temperature
Trouble Display	Code Warning	Code Warning
Certificate	CE	CE
Warranty	1 year	1 year

# LST600E/600F/610E

## Product Parameter

## Single Heating Extrusion Welder Series



Extrusion motor overload protection



Model

**LST600E**

**LST600F**

**LST610E**

Rated Voltage	230 V	230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Extruding Motor Power	800 W	1200 W	1300 W
Hot Air Power	3400 W	3400 W	3400 W
Welding Rod Heating Power	/	/	/
Hot Air Temperature	20 – 620°C	20 – 620°C	20 – 620°C
Plastic Extruding Temperature	/	/	/
Extruding Volume	2.0–2.5 Kg/h	2.5–3.0 Kg/h	2.5–3.0 Kg/h
Welding Rod Diameter	φ3.0–4.0 mm	φ3.0–4.0 mm	φ3.0–4.0 mm
Net Weight	6.0 Kg	7.5 Kg	6.3 Kg
Driving Motor	HIKOKI	FEIJI	METABO
Motor Overload Protection		●	
Certificate	CE	CE	CE
Warranty	1 year	1 year	1 year

# LST620

## Product Parameter



Model

**LST620**

Rated Voltage	230 V
Frequency	50 / 60 Hz
Extruding Motor Power	1300 W
Hot Air Power	1600 W
Welding Rod Heating Power	800 W
Air Temperature	20 – 620°C Adjustable
Plastic Extruding Temperature	50 – 380°C Adjustable
Extruding Volume	2.0–3.5 kg/h
Net Weight	8.0 Kg
Driving Motor	METABO
Certificate	CE
Warranty	1 year

## Granules Extrusion Welder



Double Heating System



Digital Display Controller



Plastic Granules Feeding



Motor Cold Start Protection

# LST-C800/C4200

Product Series



Model

**LST-C800**

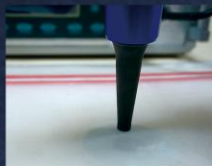
Rated Voltage	230 V
Rated Power	800 W
Frequency Available	28K
Head Diameter	≤12mm
Tuning Mode	Automatic Tuning
Incentive Mode	Automatic Incentive Type
Size	252 X 195 X 424mm



Model

**LST-C4200**

Rated Voltage	230 V
Frequency	50 Hz
Rated Power	≤12mm
Working Frequency	Automatic
Welding Area	≥ φ 75 mm
Weight	7.5 Kg
Main Machine Size	260 X 280 X 110 mm





# Testing Tool Series

## LST-T001



Air Pressure Tester

In the construction site, it can quick and easy to inflation and air-tightness inspection of the welded seam of the Interior cavity.

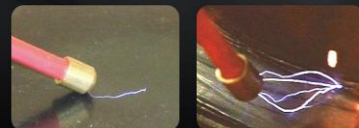


## LST-T003



Spark Leak Detector

In the construction site, the weld quality of plastic sheets and geomembrane was detected by fixed-point leak detection.



## LST-T002



Vacuum Leak Tester

In the construction site, perform tightness testing for the T-shaped weld and the repaired parts.



## LST-T004



Tensiometer Tester

In the construction site, it is reliable and convenient to peel off the weld and test the tensile strength.





LST1600



LST3400



LST2000

## Hot Air Welding Gun

### ★Diversified choices

The appearance ranges from integrated-type to split-type, the motor changes 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—Maintenance-free, long life, low noise, low vibration.



▲ Welding Plastic Tank  
LST1600S



▼ Welding TPO Membrane in Roof,  
LST1600S



▼ Repairing and Welding the Internal and  
External Angles of Roof TPO Membrane  
LST1600A



▲ Welding PP plate for inner Lining  
of Carriage  
LST1600S

▼ Welding PVC Flooring  
LST1600E

▲ Welding PP Plastic Profile  
LST1600S



# LST1600E

## Details Display

### Welding Nozzle

A variety of stainless steel welding nozzles can be freely selected according to the application requirements.

### Dynamic Balance

All the welding guns have undergone dynamic balance test to ensure the smooth air flow and no vibration in the process of use.

### Handle

Ergonomically designed, convenient to hold, more comfortable to use for a long time, and effectively improve construction efficiency.

### Heating Elements

Imported heating wire, high temperature resistant ceramics and silver-plated terminals are selected, which can work continuously for a long time in high temperature environment.

### Temperature Adjustable

The temperature can be adjusted freely between 20-620°C, which is safe and reliable.





# LST1600

## Technical Parameter



Model	LST1600A	LST1600S	LST1600D	LST1600E
Rated Voltage	230 V / 120 V	230 V / 120 V	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Power	1600 W	1600 W	1600 W	1600 W
Temperature	20 – 620 °C	20 – 620 °C	20 – 620 °C	20 – 620 °C
Air Volume	Max 180 L/min	Max 180 L/min	Max 180 L/min	Max 180 L/min
Noise	≤ 65 Db	≤ 65 Db	≤ 65 Db	≤ 65 Db
Net Weight	1.1 Kg	1.05 Kg	1.05 Kg	1.05 Kg
Motor	Brush	Brush	Brush	Brush
Handle Dia	φ 65 mm	φ 58 mm	φ 58 mm	φ 58 mm
Digital Display	•	•	•	•
Overheat Protection	•	•	•	•
Temperature Control	Open loop	Open loop	Closed hoop	Open loop
Certificate	CE	CE	CE	CE
Warranty	1 Year	1 Year	1 Year	1 Year



20mm Wide  
Slot Nozzle



40mm Wide  
Slot Nozzle



φ5mm  
Tubular Nozzle



Round Speed  
Nozzle



Triangle  
Speed Nozzle



Tacking Nozzle



90°Angle  
Nozzle



120° Angle  
Nozzle

• All hot air gun can be equipped with brushless motor

# LST3400

## Technical Parameter



**LST3400S**



**LST3400E**

Model	LST3400S	LST3400E
Rated Voltage	230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz
Power	3400 W	3400 W
Temperature	20 – 620 °C	20 – 620 °C
Air Volume	Max 360 L/min	Max 360 L/min
Noise	≤ 65 Db	≤ 65 Db
Net Weight	1.2 Kg	1.2 Kg
Motor	Brush	Brush
Handle Dia	φ 65 mm	φ 65 mm
Overheat Protection	●	●
Temperature Control	Open loop	Open loop
Certificate	CE	CE
Warranty	1 Year	1 Year

## Accessories



70mm Wide Slot Nozzle



U Type Reflector

- All hot air gun can be equipped with brushless motor

# LST2000/2000D

## 产品参数

Split Type Hot Air Welding Gun



Model	LST2000	LST2000-G	LST2000D	LST2000D-G	LST2000-W
Rated Voltage	230 V / 120 V	230 V / 120 V	230 V / 120 V	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Power	1600 W	1550 W	1600 W	1550 W	50 W
Temperature	20 – 620 °C	20 – 620 °C	20 – 620 °C	20 – 620 °C	20 – 620 °C
Noise	≤ 65 Db	≤ 65 Db	≤ 65 Db	≤ 65 Db	≤ 65 Db
Net Weight	2.4 Kg	1.2 Kg	2.4 Kg	1.2 Kg	1.05 Kg
Handle Dia	φ 42 mm	φ 42 mm	φ 42 mm	φ 42 mm	φ 65 mm
Digital Display			●	●	
Overheat Protection	●	●	●	●	
Air Tube	3 m	3 m	3 m	3 m	
Temperature Control	Open loop	Open loop	Closed hoop	Closed hoop	
Certificate	CE	CE	CE	CE	CE
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

Strongly recommended by professional customers

brushless hot air gun with powerful air volume improve work efficiency

● All hot air gun can be equipped with brushless motor

## Pressure Roller/Accessories



20mm Silicon  
Pressure Roller



40mm Silicon  
Pressure Roller



90mm Silicon  
Pressure Roller



75° Bend Corner  
20mm Silicon  
Pressure Roller



75° Bend Corner  
40mm Silicon  
Pressure Roller



75° Bend Corner  
90mm Silicon  
Pressure Roller



20mmx2  
Double Head  
Silicon Pressure  
Roller



Seam Tester &  
40mm Silicon  
Pressure Roller



20mm  
Teflon Roller



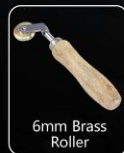
40mm  
Teflon Roller



70mm  
Teflon Roller



90mm  
Teflon Roller



6mm Brass  
Roller



65mm Right  
Angle Steel  
Pressure Roller



65mm Right  
Circular Arc  
Steel Pressure  
Roller



65mm Right  
Circular Arc  
Steel Pressure  
Roller



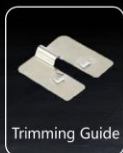
Grooving Tool



Slotter



Spatula



Trimming Guide



Shovel



Fish Cutter



Blue Carpet Knife



Red Carpet Knife



Seam Tester



1550W Heating  
Element  
230/120V



1550W Heating  
Element  
230/120V  
( Through Hole)



Plastic Box



3300W Heating  
Element  
230V  
( Two Pins)



3300W Heating  
Element  
230V  
( Three Pins)





LST-UME



LST-MAT1



LST-MAT2



LST-PAU

## Banner & Tarpaulin Welder

### ★Wide Range 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.

### ★Customer's professional choice

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, and provides customer with the best user's experience.





▼ Tarpaulin Tape Welding  
LST-MAT2

▲ Tape Welding of Large Banner  
LST-MAT2

▼ Table Rope Welding  
LST-PAU



▲ PVC Banner Overlap Welding  
LST-UME

▼ PVC Banner Welding  
LST-MAT1

▲ Table Hem Welding Machine  
LST-PAU



# Banner & Tarpaulin Welder

## Technical Parameter



Model	LST-UME	LST-MAT1	LST-MAT2	LST-PAU
Rated Voltage	230 V / 120 V	230 V	230 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Power	2800 W / 2200 W	4200 W	4200 W	3600 W / 2300 W
Welding Speed	1.5 – 10.0 m/min	1.0 – 10.0 m/min	1.0 – 10.0 m/min	1.0 – 12.0 m/min
Heating Temperature	50 – 620 °C	50 – 620 °C	50 – 620 °C	50 – 620 °C
Seam Width	20 / 30 / 40 mm	40 / 50 / 80 mm	40 / 50 / 80 mm	20 / 30 / 40 mm
Net Weight	12.5 Kg	22.0 Kg	24.0 Kg	20.0 Kg
Motor	Brush	Brush	Brush	Brushless
Certificate	CE	CE	CE	CE
Warranty	1 year	1 year	1 year	1 year

● All banner/tarpaulin welder can be equipped with brushless motor

# Electric Hot Cutter Series

## Technical Parameter



Model	LH8100	LH8150	LH8200	LH8250
Rated Voltage	230 V / 120 V	230 V / 120 V	230 V / 120 V	230 V / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Power	100W	150W	200W	250W
Temperature Regulation	Adjustable	Adjustable	Adjustable	Adjustable
Blade Temperature	50-600° C	50-600° C	50-600° C	50-600° C
Power Wire Length	3 m	3 m	3 m	3 m
Product Size	24 X 4.5 X 3.5 cm	24 X 4.5 X 3.5 cm	24 X 4.5 X 3.5 cm	24 X 4.5 X 3.5 cm
Package Size	28 X 23 X 8 cm	28 X 23 X 8 cm	28 X 23 X 8 cm	28 X 23 X 8 cm
Net Weight	395 g	395 g	395 g	395 g

## All Kinds of Blades





## Applications

### Geomembrane Welding Machine

Anti seepage construction of tunnels, subway, water conservancy, slope protection, artificial lake, aquaculture, solid waste landfills, sewage treatment, petrochemical, tailings lining treatment, landscaping and planting roof and other fields.

### Plastic Extrusion Welder

Production, splicing and repair of environmental protection equipment, anti-corrosion equipment, electroplating equipment, acid and alkali resistant equipment, car liners, plastic water tanks, plastic pipes, plastic containers, plastic sheets, plastic film materials and other fields.

### Roof Welding Machine

Waterproof construction of industrial plants, civil buildings, transportation hubs, urban squares, commercial centers, public venues, underground engineering, aviation airports, ports, parking lots, swimming pools, etc.

### Banner/Tarpaulin Welder

Splicing and production of advertising printing, tents, car tents, membrane structures, open-air storage, automobile transportation, inflatable castles, plastic products, etc.

### Hot Air Welding Gun/Hot Air Blower

For plastic welding, industrial heating, plastic molding, surface drying, heat shrinkage, igniting, baking, sterilization, etc.

### Electric Hot Cutter

For cutting low melting point products in the light of packaging, advertising, clothing, outdoor equipment, electromechanical, automotive, furniture, decoration and other fields.

## Certificates





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