

# PLASTIC WELDING

FUZHOU LESITE PLASTICS WELDING TECHNOLOGY CO.,LTD

Lesite Technology

LESITE 02/2023-EN



# PLASTIC WELDING

Professional manufacturer of plastic  
welding and industrial heating equipment



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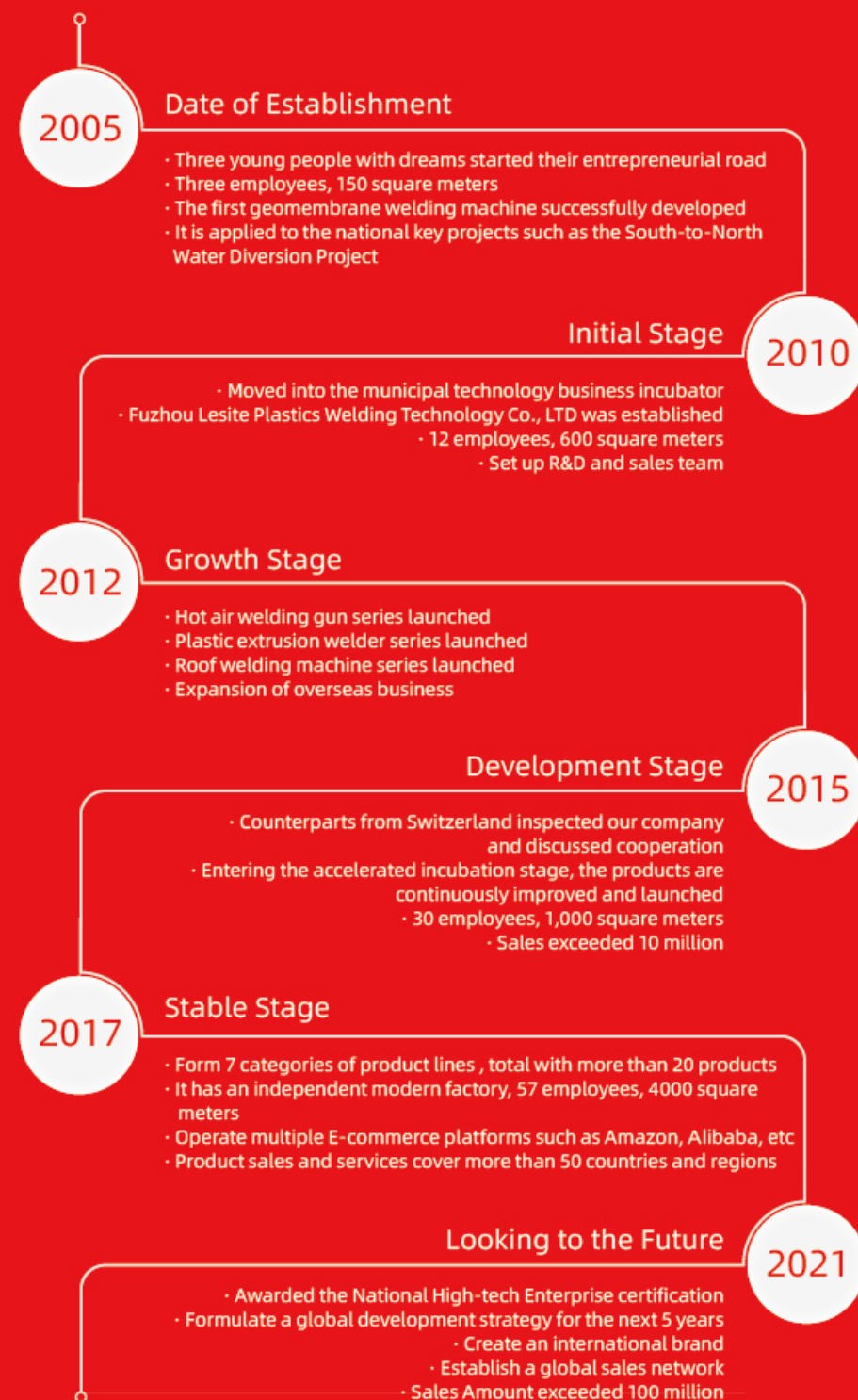


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Lesite official website

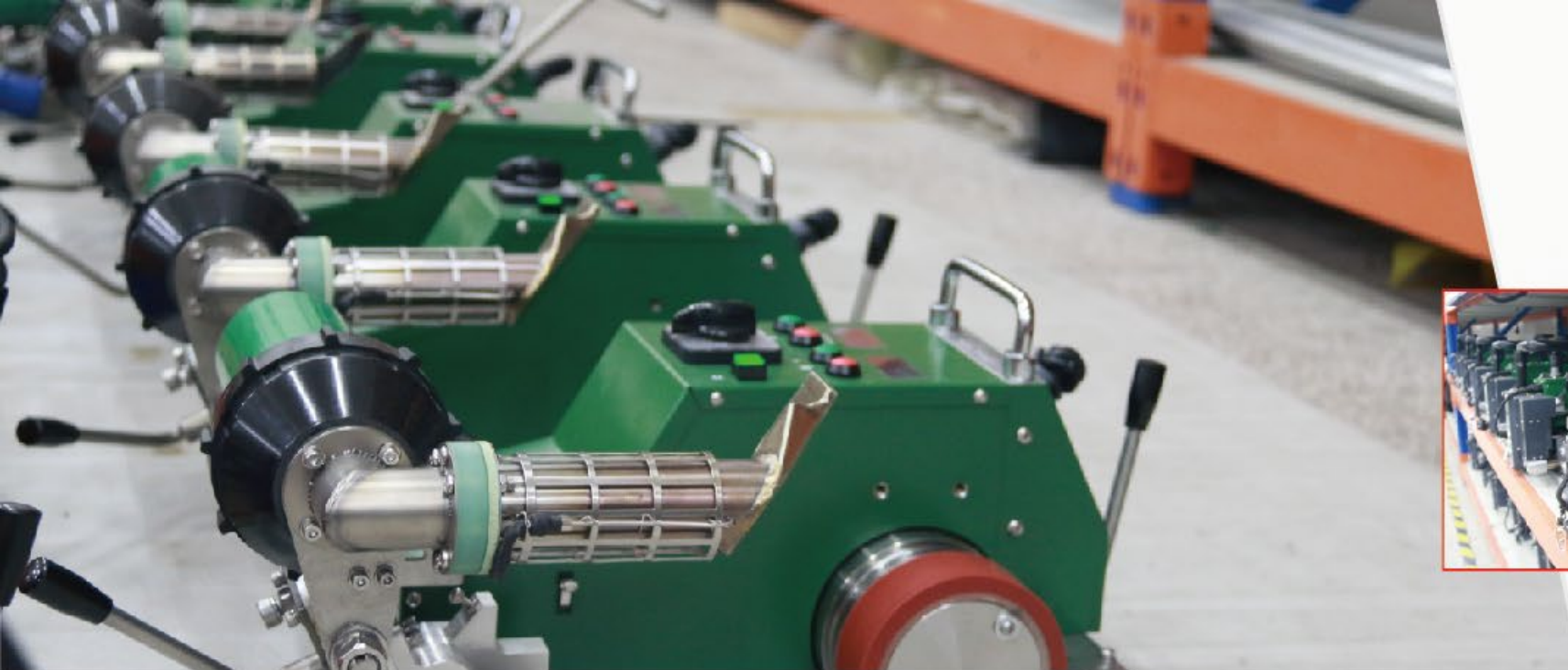
# Company Profile

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 of 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 seventeen 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.







Professional manufacturer of plastic welding and industrial heating equipment



Qualification Certificate



# Product Catalog

## Geomembrane Welder

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

----- P7-P18

## Testing Tools

- LST-T001
- LST-T002
- LST-T003
- LST-T004
- LST-PULLER 1

----- P33-P34

## Roofing Welder

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

----- P47-P60

## Extrusion Welder

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

----- P19-P32

## Hot Air Gun

- LST1600
- LST2000
- LST3400

----- P35-P46

## Banner Welder

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

----- P61-P66

## Electric Hot Cutter

- LH8100
- LH8150
- LH8200
- LH8250

----- P67-P70

## Ultrasonic/Electromagnetic Welding Machine

- LST-C800
- LST-C4200

----- P71-P72

## Accessories

- Silicon Roller
- Teflon Roller
- Brass/Steel Roller
- Heating Element
- Others

----- P73-P74





## Geomembrane Welder



### 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.



LST800



LST810



LST900



LST-GM1



LST-GM2



LST700



Composite Material Solid  
Waste Landfills  
LST800D

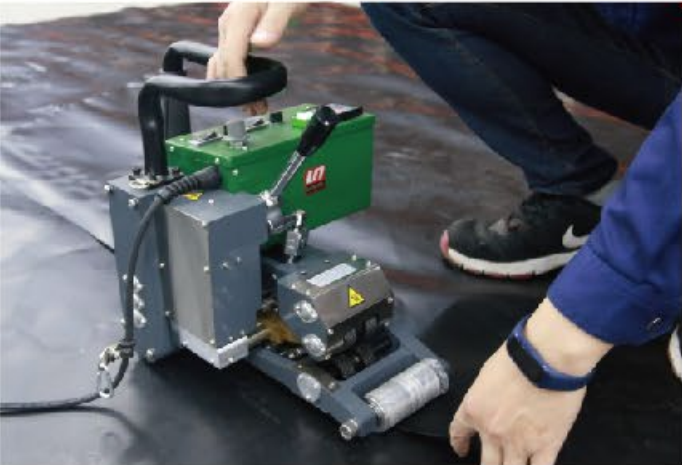


HDPE 1.2mm Geomembrane Mining  
LST700

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



HDPE 1.5mm Geomembrane Mining  
LST-GM1



HDPE 2.0mm Geomembrane  
Solid Waste Landfills  
LST900



HDPE 1.5mm Geomembrane  
LST-PULLER 1



# LST800/810/820

Geo Hot Wedge Welder



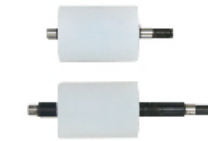
## Accessories



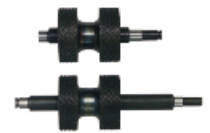
Double Hot Wedge



Single Hot Wedge



Silicon Gel Pressure Roller



Steel Pressure Roller



Digital Display

Professional Preferred



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

# LST900

Geo Hot Wedge Welder



Pressure Adjustment System



900 Closed-loop Control System

Professional Preferred



LST900



LST900D

Model	LST900	LST900D
Rated Voltage	120 / 230 V	120 / 230 V
Frequency	50 / 60 Hz	50 / 60 Hz
Rated Power	1650 / 1800 W	1650 / 1800 W
Welding Speed	1 ~ 5 m/min	1 ~ 5 m/min
Heating Temperature	50 ~ 450 °C	50 ~ 450 °C
Welding Pressure	100 ~ 1000 N	100 ~ 1000 N
Material Thickness	1.0 ~ 3.0 mm (Single Layer)	1.0 ~ 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
Digital Display	Temp. Display	Temp. & Speed Display
Certificate	CE	CE
Warranty	One Year	One Year



High Torque Transmission System



Newly Upgraded Heating System



900D Control Panel Dual Digital Display Function

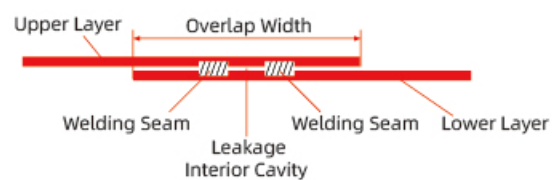


# LST-GM1/GM2

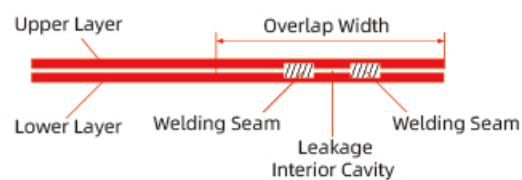
Geo Hot Wedge Welder



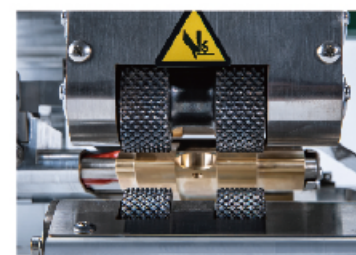
Model	LST-GM1	LST-GM2
Rated Voltage	120 / 230 V	120 / 230 V
Frequency	50 / 60 Hz	50 / 60 Hz
Rated Power	1400 W	600 W
Welding Speed	0.5 ~ 5.0 m/min	0.5 ~ 5.0 m/min
Heating Temperature	50 ~ 450 °C	50 ~ 450 °C
Welding Pressure	100 ~ 1000 N	100 ~ 1000 N
Material Thickness Welded	0.2 ~ 2.0 mm(Single Layer)	0.2 ~ 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	One Year	One Year



LST-GM1 Welding Diagram



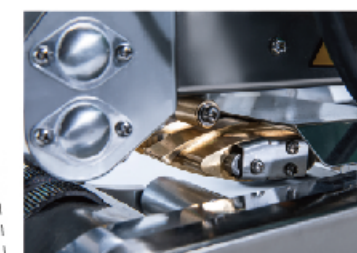
LST-GM2 Welding Diagram



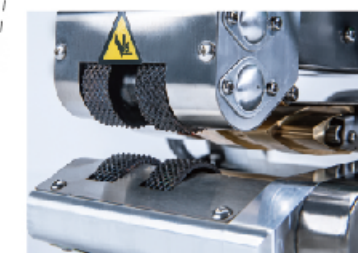
Pressure Roller Structure



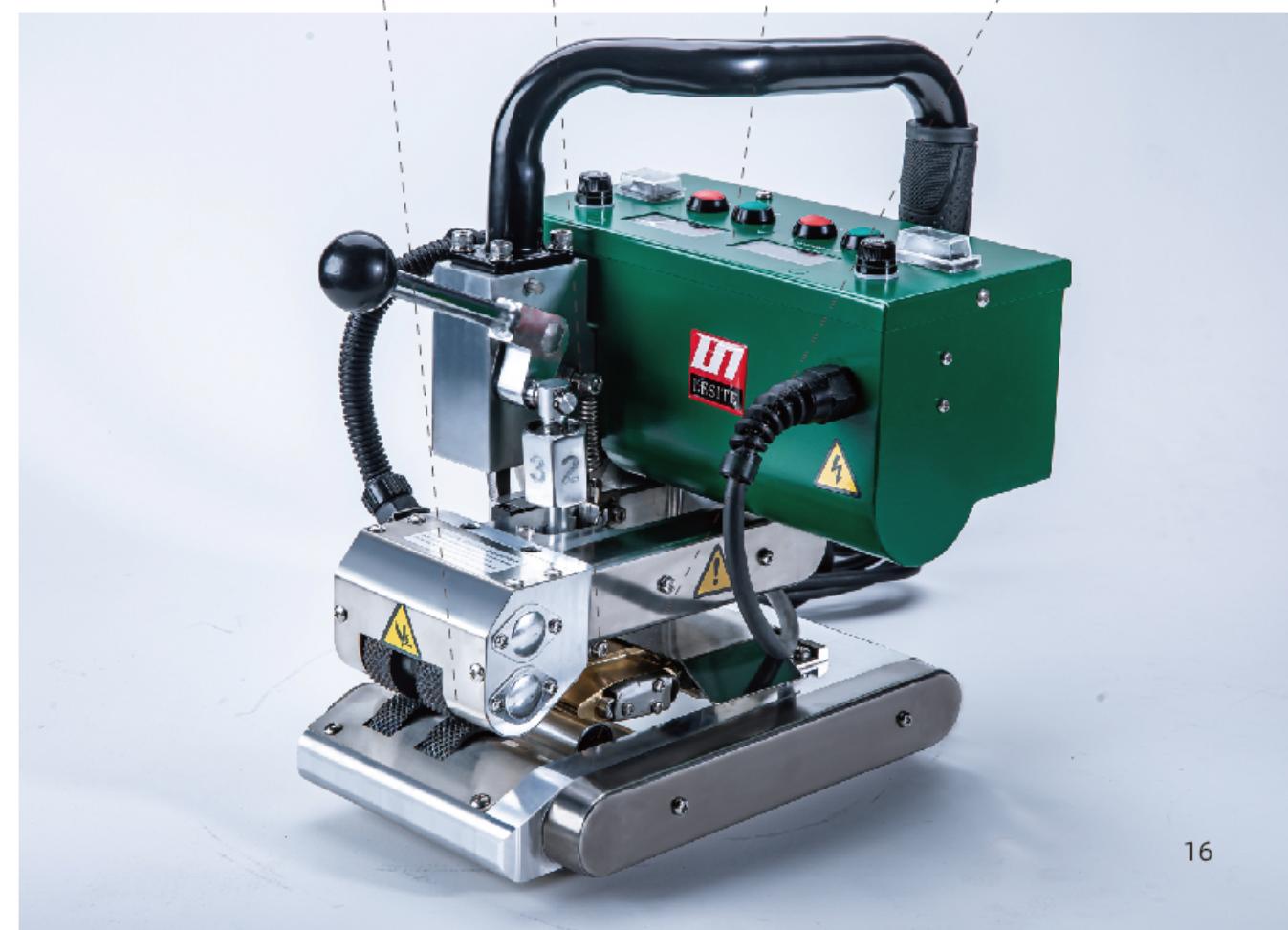
Control System



Heating System



Membrane Laying Structure

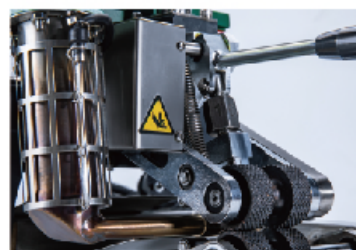


# LST700

Geo Hot Air Welder



Control System



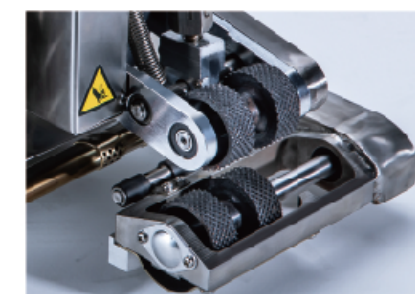
Hot Air Heating System



Rated Voltage	120 / 230 V
Frequency	50 / 60 Hz
Rated Power	2200 / 2800 W
Welding Speed	0.5 ~ 3.5 m/min
Heating Temperature	50 ~ 620 °C
Welding Pressure	100 ~ 1000 N
Material Thickness Welded	0.5 ~ 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	One year



Pressure Adjustment System



Pressure Roller Structure



## 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.



LST600A



LST610A



LST610E



LST620



Geomembrane Repairing  
LST600A

HDPE Membrane Welding  
LST610A



Plastic Tank Welding  
LST620



Plastic Pipe Welding  
LST610C





# LST600

Extrusion Welder



Digital Display



## Dual Heating Extrusion Welder Series

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

Model	LST600A	LST600B	LST600C
Rated Voltage	230 V	230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Extruding Motor Power	800 W	800 W	800 W
Hot Air Power	1600 W	3400 W	1600 W
Welding Rod Heating Power	800 W	800 W	800 W
Hot Air Temperature	20 ~ 620 °C	20 ~ 620 °C	20 ~ 620 °C
Plastic Extruding Temperature	50 ~ 380 °C	50 ~ 380 °C	50 ~ 380 °C
Extruding Volume	2.0 ~ 2.5 Kg/h	2.0 ~ 2.5 Kg/h	2.0 ~ 2.5 Kg/h
Welding Rod Diameter	φ3.0 ~ 4.0 mm	φ3.0 ~ 4.0 mm	φ3.0 ~ 4.0 mm
Net Weight	6.9 Kg	6.9 Kg	6.9 Kg
Driving Motor	HIKOKI	HIKOKI	HIKOKI
Digital Display	Extruding Temperature	Extruding Temperature	Extruding Temperature
Trouble Display	Code Warning	Code Warning	Code Warning
Certificate	CE	CE	CE
Warranty	One year	One year	One year



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-degree Rotating Welding Head

The hot air welding nozzle can be adjusted in 360 degrees 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.





# LST610

Extrusion Welder



Digital Display



## Dual Heating Extrusion Welder Series

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

Model	LST610A	LST610B	LST610C
Rated Voltage	230 V	230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Extruding Motor Power	1300 W	1300 W	1300 W
Hot Air Power	1600W	3400 W	1600 W
Welding Rod Heating Power	800 W	800 W	800 W
Hot Air Temperature	20 ~ 620 °C	20 ~ 620 °C	20 ~ 620 °C
Plastic Extruding Temperature	50 ~ 380 °C	50 ~ 380 °C	50 ~ 380 °C
Extruding Volume	2.0 ~ 3.0 Kg/h	2.0 ~ 3.0 Kg/h	2.0 ~ 3.0 Kg/h
Welding Rod Diamete	φ3.0 ~ 4.0 mm	φ3.0 ~ 4.0 mm	φ3.0 ~ 4.0 mm
Net Weight	7.2 Kg	7.2 Kg	7.2 Kg
Driving Motor	METABO	METABO	METABO
Digital Display	Extruding Temperature	Extruding Temperature	Extruding Temperature
Trouble Display	Code Warning	Code Warning	Code Warning
Certificate	CE	CE	CE
Warranty	One year	One year	One year

# LST600E/600F/610E

Extrusion Welder



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	FEIJL	METABO
Motor Overload Protection			•
Certificate	CE	CE	CE
Warranty	One year	One year	One year



# LST620

## Granules Extrusion Welder

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.

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	One year



Double Heating System



Motor Cold Start Protection



Plastic Granules Feeding



Digital Display Controller



# Testing Tools



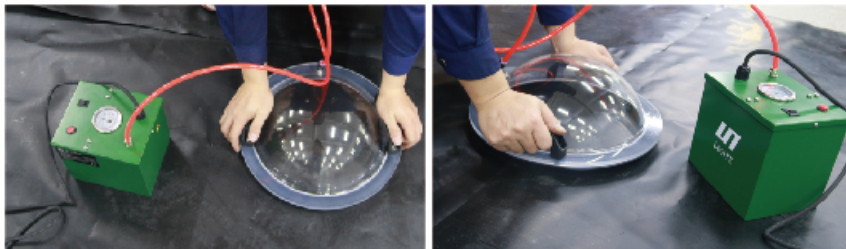
**LST-T001**  
Air Pressure Tester

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



**LST-T002**  
Vacuum Leak Tester

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



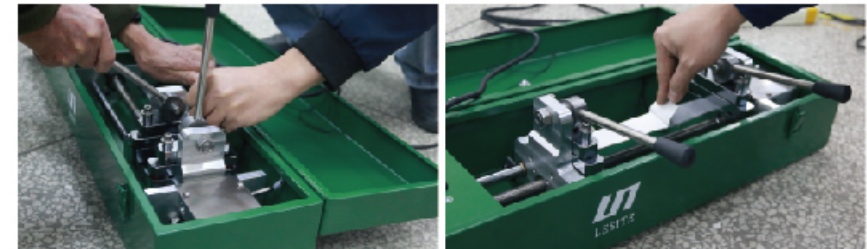
**LST-T003**  
Spark Tester

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



**LST-T004**  
Tensiometer

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



**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.





## Hot Air 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.



LST1600S



LST1600D



LST2000

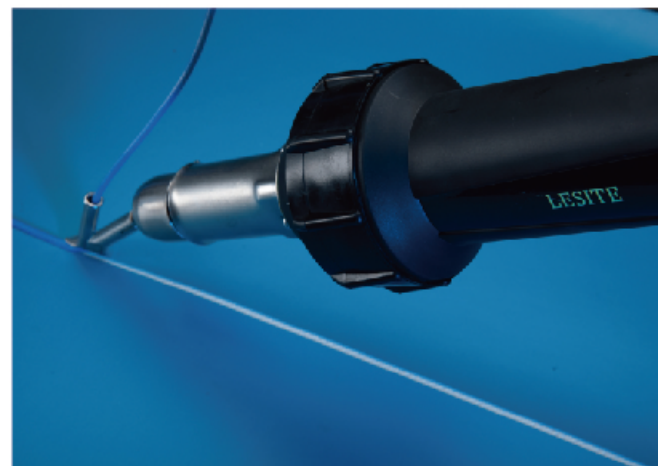


LST3400A



HDPE Geomembrane Welding  
LST1600A

PP Rods Plastic Welding  
LST1600S



HDPE Geomembrane Welding  
LST2000

PVC Flooring Welding  
LST1600E







## Designed for Professionals Ingenuity Upgrade

### New Components

Smart Temperature Control  
Better Drive Unit

#### Overheating Protection

Heating Element +  
Gun Body Protection

#### More Precise

Closed Loop + Smart

#### New Upgraded Motor

Dustproof + Durable

#### Powerful

Continuous Use for  
Professionals

#### New Drive Motor

New developed drive motor,  
using advanced assembly process,  
high-quality dustproof bearing, wear-  
resistant carbon brush, durable,  
life time  $\geq 1000$  hours.

#### Long-Life Power Switch

High quality power switch,  
dustproof and waterproof  
structure design.



#### Overheating Protection Upgrade

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 longer service life.

# LST1600

Hot Air Gun



## Accessories



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



LST1600A



LST1600S



LST1600D



LST1600E

Model	LST1600A	LST1600S	LST1600D	LST1600E
Rated Voltage	120 / 230 V	120 / 230 V	120 / 230 V	120 / 230 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			Temp.	
Overheat Protection	•	•	•	•
Temperature Control	Open loop	Open loop	Closed loop	Open loop
Certificate	CE	CE	CE	CE
Warranty	One Year	One Year	One Year	One Year

● All hot air gun can be equipped with brushless motor



# LST2000

Hot Air Gun

						
Model	LST2000	LST2000-G		LST2000D	LST2000D-G	LST2000D-G
Rated Voltage	120 / 230 V	120 / 230 V		120 / 230 V	230 / 120 V	120 V / 230 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				Temp.	Temp.	
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	One Year	One Year		One Year	One Year	One Year

● All hot air gun can be equipped with brushless motor

# LST3400A

## Hot Air Gun

The hot air welding gun has high power, wide use, double insulation, two-stage overheating protection, constant temp control and continuous adjustment. It is applicable to the welding of PE, PP, EVA, PVC, TPO, PVDF and other hot melt plastics, as well as hot forming, heat shrinking, drying, ignition and other operations.

Model	LST3400A
Rated Voltage	230 V
Frequency	50 / 60 Hz
Power	3400 W
Temperature	20 - 620 °C
Air Volume	Max 360 L/min
Noise	≤ 65 Db
Net Weight	1.2 Kg
Motor	Brush
Handle Dia	φ 65 mm
Overheat Protection	•
Temperature Control	Open loop
Certificate	CE
Warranty	One Year

● All hot air gun can be equipped with brushless motor



## Accessories



70mm Wide Slot  
Nozzle



U Type  
Reflector

## Adjustable Temperature

The temperature can be adjusted freely, safe and reliable.





## Roofing Welder



### 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.



### 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.



LST-WP1



LST-WP2



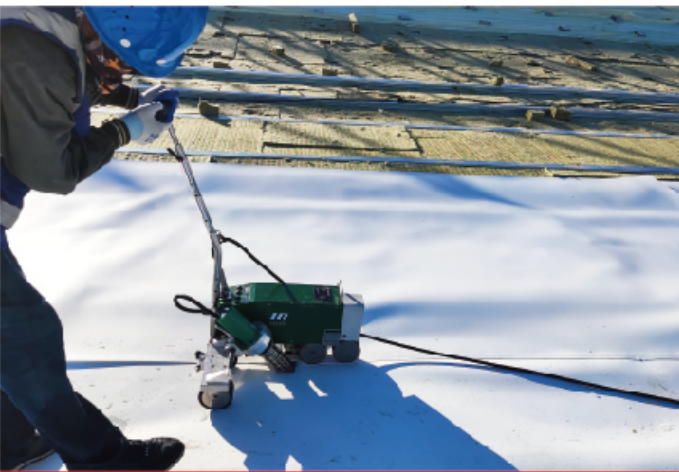
LST-WP4



LST-TAC



LST-RM1



Fast and Efficient Welding of TPO  
LST-WP1

Welding Modified SBS by  
Flameless Method  
LST-WP2



Various Tight Space Welding  
LST-TAC

Gutter Edge Welding  
LST-WP4





# LST-WP1

## Roofing Hot Air Welder

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.

Professional Preferred

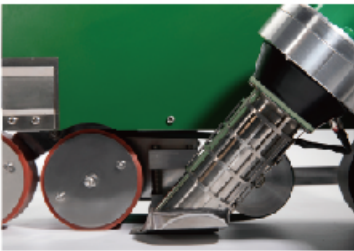
Model	LST-WP1	LST-WP1 
Rated Voltage	230 / 380 V	230 / 380 V
Rated Power	4200 / 5200 W	4200 / 5200 W
Welding Temperature	50 ~ 620 °C	50 ~ 620 °C
Welding Speed	1 ~ 10 m/min	1 ~ 10 m/min
Seam Width	40 mm	40 mm
Dimensions (LxWxH)	555 × 358 × 304 mm	555 × 358 × 304 mm
Net Weight	38 kg	38 kg
Motor	Brush	Brushless
Air Volume	Not Adjustable	Stepless adjustable
Certificate	CE	CE
Warranty	One Year	One Year



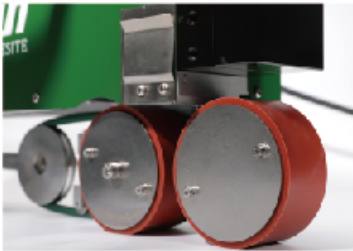
Accurate Positioning System



Intelligent Control System



Efficient Welding Nozzle



Advanced Belt Combined with Pressure Rollers System



# 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.

Model	LST-WP2
Rated Voltage	230 V
Rated Power	4200 W
Heating Temperature	50 ~ 620 °C
Welding Speed	1 ~ 10 m/min
Seam Width	80 ~ 100 mm
Net Weight	38 kg
Certificate	CE
Warranty	One Year

Welding Nodified SBS by  
Flameless Method





# LST-WP4

Roofing Hot Air Welder



Professional Preferred

Model	LST-WP4	LST-WP4 
Rated Voltage	230 V	230 V
Rated Power	4200 W	4200 W
Welding Temperature	50 ~ 620 °C	50 ~ 620 °C
Welding Speed	1 ~ 10 m/min	1 ~ 10 m/min
Seam Width	40 mm	40 mm
Dimensions (LxWxH)	557 × 316 × 295 mm	557 × 316 × 295 mm
Net Weight	28 kg	28 kg
Motor	Brush	Brushless
Air Volume	Not Adjustable	Stepless adjustable
Certificate	CE	CE
Warranty	One Year	One Year

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

Weld Close to The Gutter Edge



Weld Close to Parapet Wall 6cm



# LST-RM1

## Roofing Hot Air Welder

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 on thermoplastic waterproof membrane (PVC, TPO, EPDM, ECB, EVA, etc.). The overall performance is much higher than products of the same level.



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



### Advantages



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



Light weight, easy to move, barrier-free welding



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



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



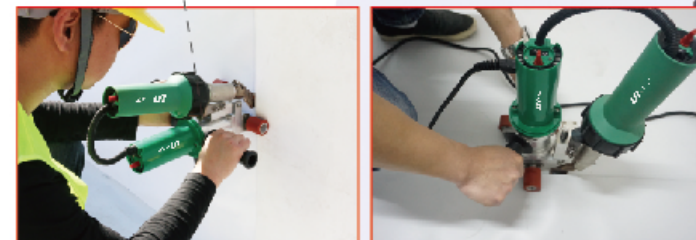
# LST-TAC

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

Model	LST-TAC
Rated Voltage	120 / 230 V
Rated Power	1700 W
Welding Temperature	50 ~ 620 °C
Welding Sapeed	0.5 ~ 5 m/min
Seam Width	40 mm
Net Weight	4.5 kg
Certificate	CE
Warranty	One Year

Various Tight Space Welding





## Banner 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, which provides customer with the best user's experience.



LST-UME



LST-MAT1



LST-MAT2



LST-PAU

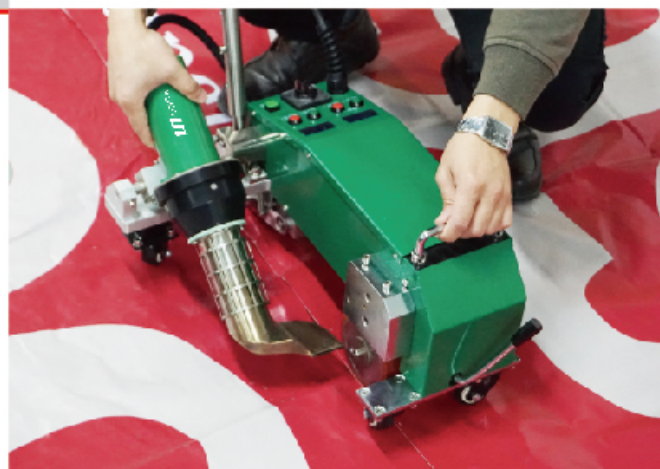


PVC Banner Overlap Welding  
LST-MAT1

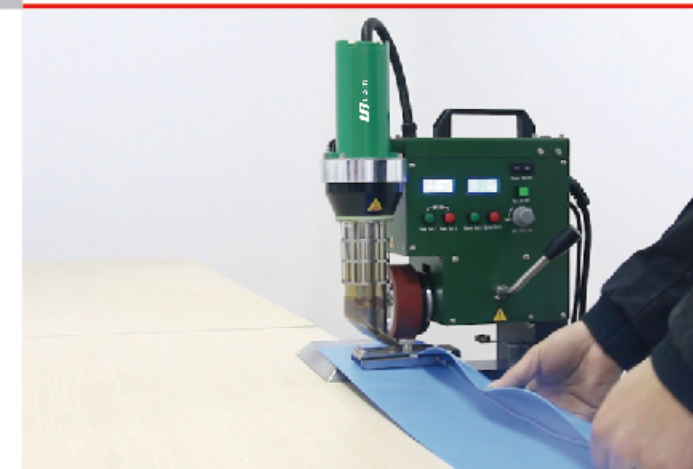


Table Rope Welding  
LST-PAU

PVC Banner Overlap Welding  
LST-UME



Tape Welding of Tarpaulin  
LST-MAT2



## Banner Welder



Model	LST-UME	LST-MAT1	LST-MAT2	LST-PAU
Rated Voltage	120 / 230 V	230 V	230 V	120 V / 230 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Power	2200 / 2800 W	4200 W	4200 W	2300 / 3600 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
Welding 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	One year	One year	One year	One year



## Electric Hot Cutter



### Scope Of Application

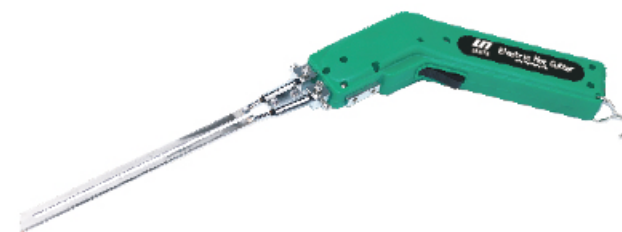
1. Sponge foam: sponge, foam, foam slotting, EPS, EVA, pearl cotton, bubble pad and so on.
2. Rubber plastic: plastic, rubber, plastic opening, acrylic cutting, benzene board cutting, KT board, advertising cloth, carpet, PVC pipe, all kinds of plastic sheet, nylon pipe, plastic pipe, cable and so on.
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



LH8150




LH8200

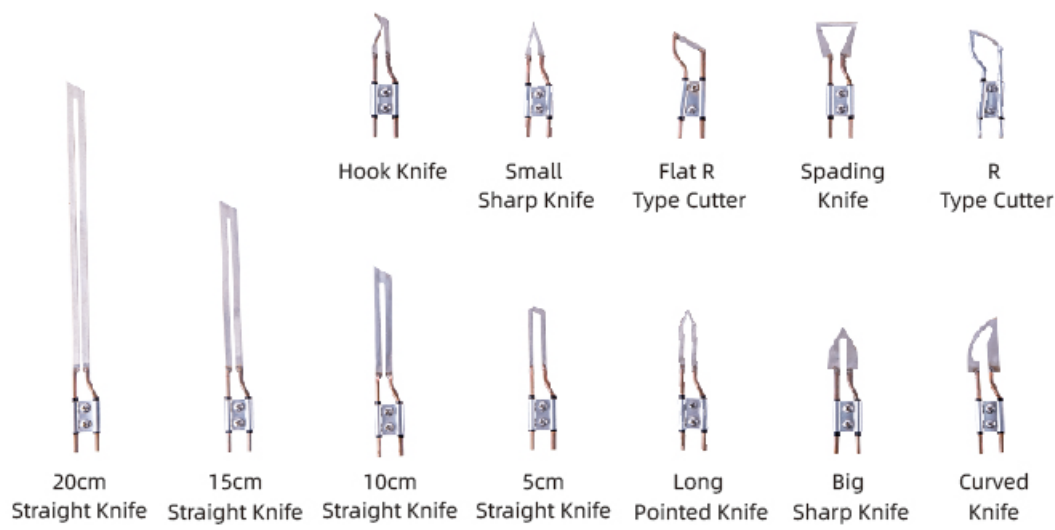


LH8250

# Electric Hot Cutter



All Kinds of Blades



				
Model	LH8100	LH8150	LH8200	LH8250
Rated Voltage	120 / 230 V	120 / 230 V	120 / 230 V	230 V
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Power	100W	150 W	200 W	250 W
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

# LST-C800/C4200

Ultrasonic/Electromagnetic Welding Machine



Model	LST-C800
Rated Voltage	230 V
Rated Power	800 W
Frequency Available	28 K
Head Diameter	≤12 mm
Tuning Mode	Automatic Tuning
Incentive Mode	Automatic Incentive Type
Size	252 X 195 X 424 mm



Model	LST-C4200
Rated Voltage	230 V
Frequency	50 Hz
Rated Power	4200W Adjustable
Working Frequency	Automatic
Welding Area	≥ ϕ 75 mm
Weight	7.5 Kg
Main Machine Size	260 X 280 X 110 mm



# Accessories

## Silicon Roller



## Teflon Roller



## Brass/Steel Roller



## Heating Element



## Others

