



## THERMOPLASTIC WELDING EQUIPMENT



# LEADER SAEMIN



利得世昉国际集团有限公司  
LEADER SAEMIN INTERNATIONAL CORP.,LTD  
ADD:NO.28DONGSANJIAO SHIJIAZHUANG,  
HEBEI CHINA.P.C 050021  
TEL:+86-311-80662170  
FAX:+86-311-80662170  
E-MAIL:DAVID@PEWELDINGMACHINE.COM  
MARY@PEWELDINGMACHINE.COM  
HTTP://WWW.PEWELDINGMACHINE.COM



利得世昉国际集团有限公司  
LEADER SAEMIN INTERNATIONAL CORP., LTD  
河北赵氏商贸有限公司  
HEBEI ZHAOSHI TRADE CO.,LTD  
产品目录/ PRODUCT CATALOGUE

## Company Profile

LEADER SAEMIN INTERNATIONAL CORP., LTD. is a professional high-tech enterprise specialized in plastic welding equipment, manufacturing and technical consulting service. We have a very strong and professional team for developing new tools and perfect quality control systems.

Our product have 4 series: geomembrane welding machine, hand held extrusion welder, hot air gun and test tool. They have been widely used in many of tunnel, subway, water conservancy, refuse landfill, chemical, mining sewage treatment, roof waterproof projects fields.

With high-tech quality and most professional service, we continue to supply best products to customer all over the world.

LEADER SAEMIN INTERNATIONAL CORP., LTD will serve world thermoplastic industry.

Make us your first choice when sourcing for your requirements.



## TEST TOOLS

### •Pressure Test Tool

Geomembrane pressure tool is used for testing the welding seam quality.



### •Vacuum Leak Test Cover

Geomembrane vacuum leak test cover is used for testing leak in welding area.



## GEOMEMBRANE WELDING MACHINE

### •SKC-NS800/800D Product Introduction

This series of welding machine is small, light, high welding efficient. It is available for welding HDPE, LDPE, EVA, PVC, ECB, PP and other hot melt materials.

### •SKC-NS800/800D Product Parameter



SKC-NS800

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Power:	800W
Welding speed:	0.5-5m/min
Heating temperature:	0-450℃
Thickness of material to be welded:	0.2mm-1.5mm
Overlap width:	10cm
Welding width:	12.5mm×2, interior cavity 12mm
Seam strength:	≥85% base material tensile resistant in shear direction
Weight:	5Kg
Insulation class:	class II



SKC-NS800D  
Digital Display

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Power:	800W
Welding speed:	0.5-5m/min
Heating temperature:	0-450℃
Thickness of material to be welded:	0.2mm-1.5mm
Overlap width:	10cm
Welding width:	12.5mm×2, interior cavity 12mm
Seam strength:	≥85% base material tensile resistant in shear direction
Weight:	5Kg
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## GEOMEMBRANE WELDING MACHINE

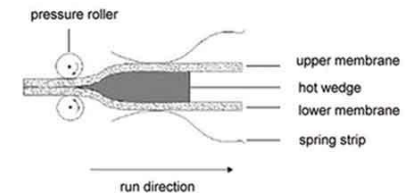
### •SKC-NS800/800D Product Detail Demo



### •SKC-NS800/800D Accessories



### •Welding Diagram



## GEOMEMBRANE WELDING MACHINE

### •SKC-NS900 Product Introduction

This series of welding machine is powerful with high welding speed and good welding quality. It is available for welding over 1.0mm HDPE, LDPE, EVA, PVC, ECB, PP and other hot melt materials.

### •SKC-NS900 Product Parameter

Technical Parameters	
Voltage:	220V-110V
Frequency:	50-60Hz
Power:	1800W
Welding speed:	0.5-5m/min
Heating temperature:	0-450℃
Thickness of material to be welded:	1.0mm-3.0mm
Overlap width:	15mm-2 Interior Cavity: 15mm
Welding width:	≥85% base material
Seam strength:	12cm
Weight:	13kg
Insulation class:	class II



SKC-NS900



### •SKC-NS900 Product Detail Demo



## GEOMEMBRANE WELDING MACHINE

### •SKC-NS900 Accessories



1. Speed Controller



2. Hot Wedge



3. Relay

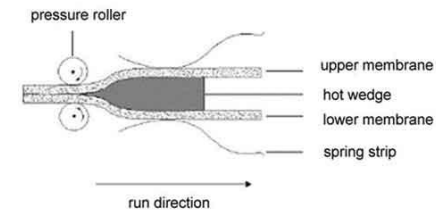


4. Temperature Controller



5. Steel Pressure Roller

### •Welding Diagram



## HAND HELD EXTRUSION WELDER

### •SKC-NS600/610 Product Introduction

This series of hand extruder is the first one to have a digital display control, 360 degree rotating welding head, the motor cold start protection, independent heating for welding rod and geomembrane material and other functions. Application to welding PE, PP, PVC, PVDF and other hot melt materials.

### •SKC-NS600/610 Product Parameter



SKC-NS600A

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 800W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-3.5mm
Net Weight:	6.5kg



SKC-NS600B

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 800W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-3.5mm
Net Weight:	6.5kg



SKC-NS600C

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 800W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-3.5mm
Net Weight:	6.5kg

## HAND HELD EXTRUSION WELDER

### •SKC-NS600/610 Product Parameter



SKC-NS610A

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 1000W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-4mm
Net Weight:	7kg



SKC-NS610B

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 1000W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-4mm
Net Weight:	7kg



SKC-NS610C

Technical Parameters	
Voltage:	220V
Frequency:	50/60Hz
Extruding Power:	Drive Motor: 1000W
Hot air drive power:	1600W
Hot air drive power:	20—400℃
Heating temperature:	200—300℃
Welding speed:	2kg/h
Diameter of Welding Rod:	φ3.0mm-4mm
Net Weight:	7kg

### •SKC-NS600/610 Accessories



PE Welding Rod

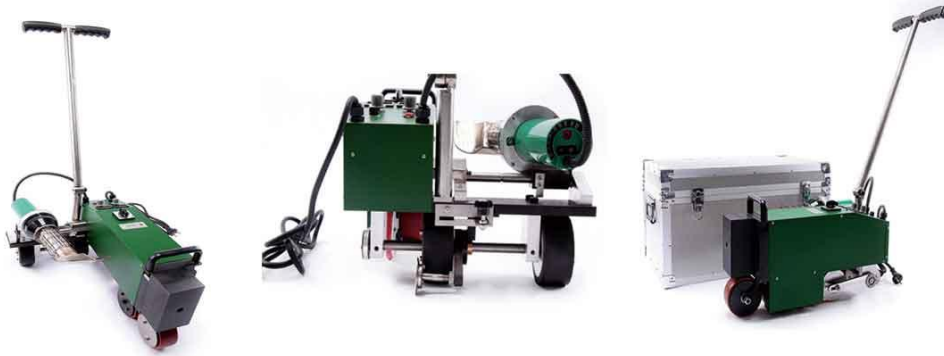


PP Welding Rod



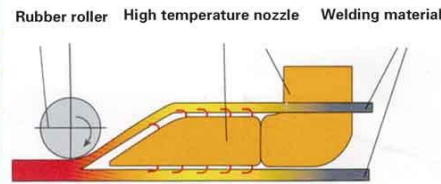
Welding Shoe

SKC-NS100 type roofing welding machine is a new hot air welding machine we independently research and develop, using advanced hot air heating technology, intelligent electronic temperature control and speed control system, according to the thickness of the welding material different, by increasing or decreasing the counterweight to adjust the welding pressure, so as to effectively ensure uniform welding, high-strength, tear, no leakage.the welder is simple, good quality, high efficiency, widely used, especially for PVC, TPO, CPE, SBS and other polymer waterproofing membrane roofing welding construction.



Basic Parameter	
Voltage:	230V
Power:	4200W
Temperature:	20-620 C
Speed:	0.7-12m/min
Air volume:	50-100%
Welding width:	40mm
Pressure static max.:	5000pa
Length:	571*358*311mm
Net Weight:	37KGS

**Welding Diagram**



**•Intelligent humane control panel**

Intuitive and easy to operate, set parameters independently through temperature speed knob, control walk and stop by swift walk switch.

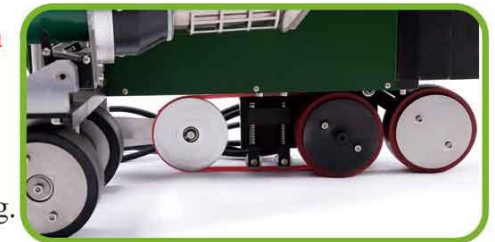


**•Scientific and efficient welding nozzle**

Anti-scald protection design maximizing heat, and air flow, ensure the welding quality, improve the efficiency of construction.

**•Advanced abrasion wheel system**

Smooth waking and the pressure equalization suppressing bulge phenomenon, which effectively ensure uniform and reliable welding.



**•Reliable and accurate guidance positioning system guidance**

Positioning the guide wheels ensure effectively straight without deviation.

## HOT AIR WELDING GUN

### •Product introduction

This series of hot air welder is double insulation, constant temperature controlled and continuously adjustable. Application to welding PE, PP, EVA, PVC, PVDF, TPO variety thermoplastic. Can also be used for hot forming, shrinking, drying, igniting and other operations.

### •SKC-NS1600/2000/3400 Hot Air Welder Basic Parameter



SKC-NS1600

Voltage:	230v
Power:	1600w
Frequency:	50/60Hz
Temperature:	20-600°C steplessly adjustable
Air Volume:	Max 180L/Min
Air Pressure:	2600Pa
Noise Level:	Less than 65 dB
Weight:	1.5kg(Including 3m electrical wire)
Heating Elements:	A ,B model



SKC-NS3400

Voltage:	230V
Power:	3400W
Frequency:	50/60Hz
Temperature:	20-550°C steplessly adjustable
air volume:Max	360L/Min
air pressure:	3200Pa
Noise level:	Less than 65 DB
Weight:	1.5kg(Including 3m electrical wire)
Heating Elements:	A ,B model



SKC-NS2000

Voltage:	230V
Power:	3400W
Frequency:	50/60Hz
Temperature:	20-550°C steplessly adjustable
air volume:Max	180L/Min
Air pressure:	2600Pa
Noise level:	Less than 65 dB

## HOT AIR WELDING GUN

### •Accessories



1.20MM Pressure Roller



2.20MM Wide Slot Nozzle



3.40MM Pressure Roller



4.40MM Wide Slot Nozzle



5.1600W Heating Elements B



6.1600W Heating Elements



7.3400W Heating Elements A



8.3400W Heating Elements B



9.Big Wide Slot Nozzle



10.Speed Slot Nozzle (1)



11.Speed Slot Nozzle (2)



12.Tubular Nozzle

### •Product Detail Demo

