

# SHEET BENDING WELDING MACHINES SWT-ZW1500

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-12mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree

## Optional accessories



Heating knife 60° / 90°

## Features

- ✔ Compliant with welding standards DVS 2207
- ✔ Automatic welding system
- ✔ Hinge connection welding more accurately
- ✔ Wireless remote control for belt's motor
- ✔ Full automatic clamp for rolling
- ✔ Pneumatic Locking Clamps
- ✔ Dual digital display thermostat
- ✔ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ✔ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ✔ Multi-point control clamp lifting
- ✔ Heating Plate Teflon was Coated by Dupont
- ✔ Optional rocker arm device / column device
- ✔ Siemens PLC with 12-inch touch screen
- ✔ Bending thickness range 3 - 12 mm

## Specifications

Bending Length	1500mm
Bending Thickness	3-12mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	3KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW2000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-15mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Functions



Automatically adjust the angle, Accuracy +/- 1 degree



Heating knife 60° / 90°

## Optional accessories



## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3 - 15 mm

## Specifications

Bending Length	2000mm
Bending Thickness	3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	4KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW3000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-20mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree

## Optional accessories



Heating knife 60° / 90°

## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-20mm, PVC\* 3-15mm

## Specifications

Bending Length	3000mm
Bending Thickness	3-20mm, PVC* 3-15mm
Weldable Materials	PVC, PE, PP, PVDF win walls in PE and PP
Power Consumption (KW)	6KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW4000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-20mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree



## Optional accessories



Heating knife 60° / 90°

## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-20mm, PVC\* 3-15mm

## Specifications

Bending Length	4000mm
Bending Thickness	3-20mm, PVC* 3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	8KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW4500

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-20mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree

## Optional accessories



Heating knife 60° / 90°

## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-20mm, PVC\* 3-15mm

## Specifications

Bending Length	4500mm
Bending Thickness	3-20mm, PVC* 3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	9KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW5000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-20mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree



Heating knife 60° / 90°

## Optional accessories



## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-20mm, PVC\* 3-15mm

## Specifications

Bending Length	5000mm
Bending Thickness	3-20mm, PVC* 3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	12KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW6000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-20mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree

## Optional accessories



Heating knife 60° / 90°

## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-20mm, PVC\* 3-15mm

## Specifications

Bending Length	6000mm
Bending Thickness	3-20mm, PVC* 3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	12KW
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC

# SHEET BENDING WELDING MACHINES SWT-ZW7000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It can bend the sheet according to the project requirements, the sheet thickness is 3mm-50mm, special welding thickness is from 40 to 60mm, width 1.5m-6m can be carried out.



## 1 Basic Function



Automatically adjust the angle, Accuracy +/- 1 degree

## Optional accessories



Heating knife 60° / 90°

## Features

- ☑ Compliant with welding standards DVS 2207
- ☑ Automatic welding system
- ☑ Hinge connection welding more accurately
- ☑ Wireless remote control for belt's motor
- ☑ Full automatic clamp for rolling
- ☑ Pneumatic Locking Clamps
- ☑ Dual digital display thermostat
- ☑ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ☑ High-precision positioning of the sheet, stable and repeatable heating, leveling, and welding straight line
- ☑ Multi-point control clamp lifting
- ☑ Heating Plate Teflon was Coated by Dupont
- ☑ Optional rocker arm device / column device
- ☑ Siemens PLC with 12-inch touch screen
- ☑ Bending thickness range 3-50mm, PVC\*3-15mm

## Specifications

Bending Length	7000mm
Bending Thickness	3-50mm, PVC*3-15mm
Weldable Materials	PVC, PE, PP, PVDF Twin walls in PE and PP
Power Consumption (KW)	14W
Bending Angle	0-90° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	380V/415V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	12inch
Hardware Control Panel	PLC