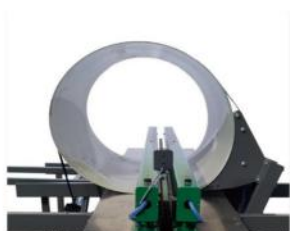


# SHEET BUTT FUSION MACHINES SWT-PH1500

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-20mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 20 mm

## Specifications

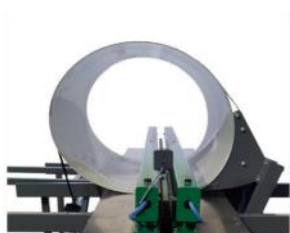
Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	1500mm
Sheet thickness (mm)	3-20mm
Min. cylinder diameter (mm)	280mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	3kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	2.2kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

# SHEET BUTT FUSION MACHINES SWT-PH2000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-25mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 25 mm

## Specifications

Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	2000mm
Sheet thickness (mm)	3-25mm
Min. cylinder diameter (mm)	350mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	4kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	2.2kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

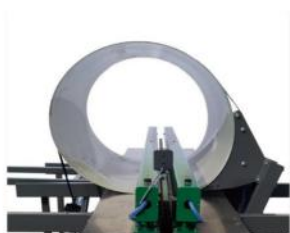


# SHEET BUTT FUSION MACHINES SWT-PH3000

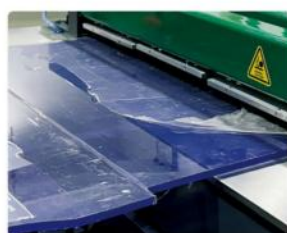
Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-25mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 25 mm

## Specifications

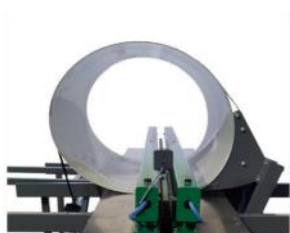
Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	3000mm
Sheet thickness (mm)	3-25mm
Min. cylinder diameter (mm)	350mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	6kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

# SHEET BUTT FUSION MACHINES SWT-PH4000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-30mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 30 mm

## Specifications

Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	4000mm
Sheet thickness (mm)	3-30mm
Min. cylinder diameter (mm)	500mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	9kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

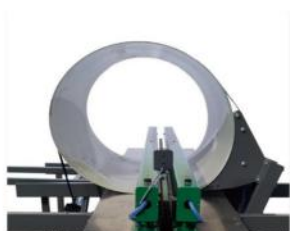


# SHEET BUTT FUSION MACHINES SWT-PH4500

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-30mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 30 mm

## Specifications

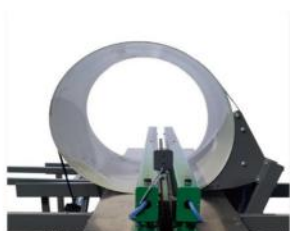
Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	4500mm
Sheet thickness (mm)	3-30mm
Min. cylinder diameter (mm)	500mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	9kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

# SHEET BUTT FUSION MACHINES SWT-PH5000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-30mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 30 mm

## Specifications

Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	5000mm
Sheet thickness (mm)	3-30mm
Min. cylinder diameter (mm)	550mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	9kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

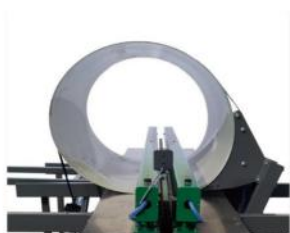


# SHEET BUTT FUSION MACHINES SWT-PH6000

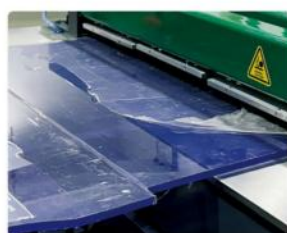
Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-30mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 30 mm

## Specifications

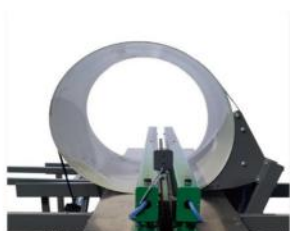
Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	6000mm
Sheet thickness (mm)	3-30mm
Min. cylinder diameter (mm)	600mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	12kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	12inch Screen
Hardware Control Panel	SIEMENS PLC

# SHEET BUTT FUSION MACHINES SWT-PH7000

Plastic sheet welding machine is suitable for welding thermoplastic sheets made of HDPE, PP, PVC, PVDF. It could not only butt weld the sheets, but also bend the sheets, according to the project requirements. Sheets thickness 3mm-30mm, special welding thickness from 40 to 60mm and width 1.5m-6m could be proceeded.



## 2 Basic Functions



Cylinder



Welding Line



## Optional accessories



Automatic Sheet Rolling Devices



90° Angle Device

## 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.
- ✔ Welding range 3 - 30 mm

## Specifications

Weldable Materials	PVC, PE, PP, PS,PVDF
Max. Working Length (mm)	7000mm
Sheet thickness (mm)	3-30mm
Min. cylinder diameter (mm)	700mm
Pressure setting method	Digital
Pressure Controller	SMC electric proportional valve
Power consumption (kW)	12kW
Power supply	380V/415V 3P 50/60Hz
Compressed air connection (bar)	6-8 kg/cm <sup>2</sup>
Motor of cylinder	4.4kw
Sheet Locking Clamps	Pneumatic
Welding System	Full Automatic
Display	7inch Screen
Hardware Control Panel	SIEMENS PLC