



# Sheet Bending Welding Machine

**SWT-ZW Series**

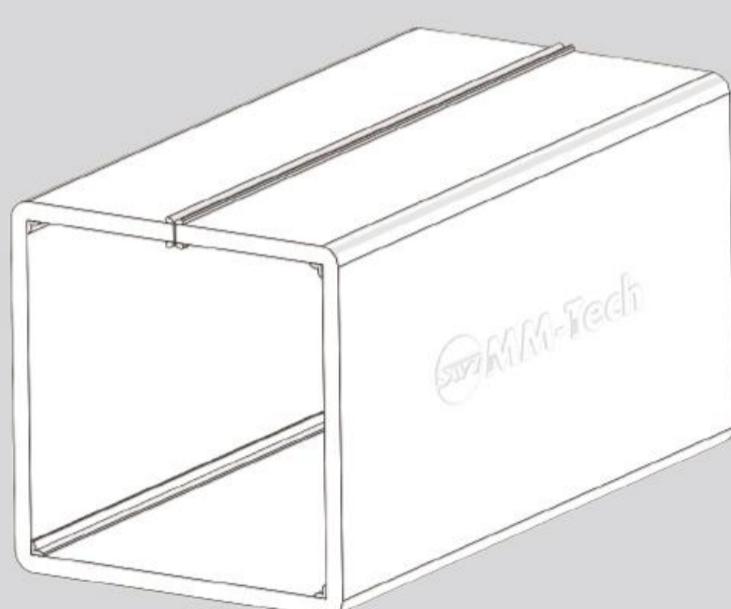
 **MM-Tech**



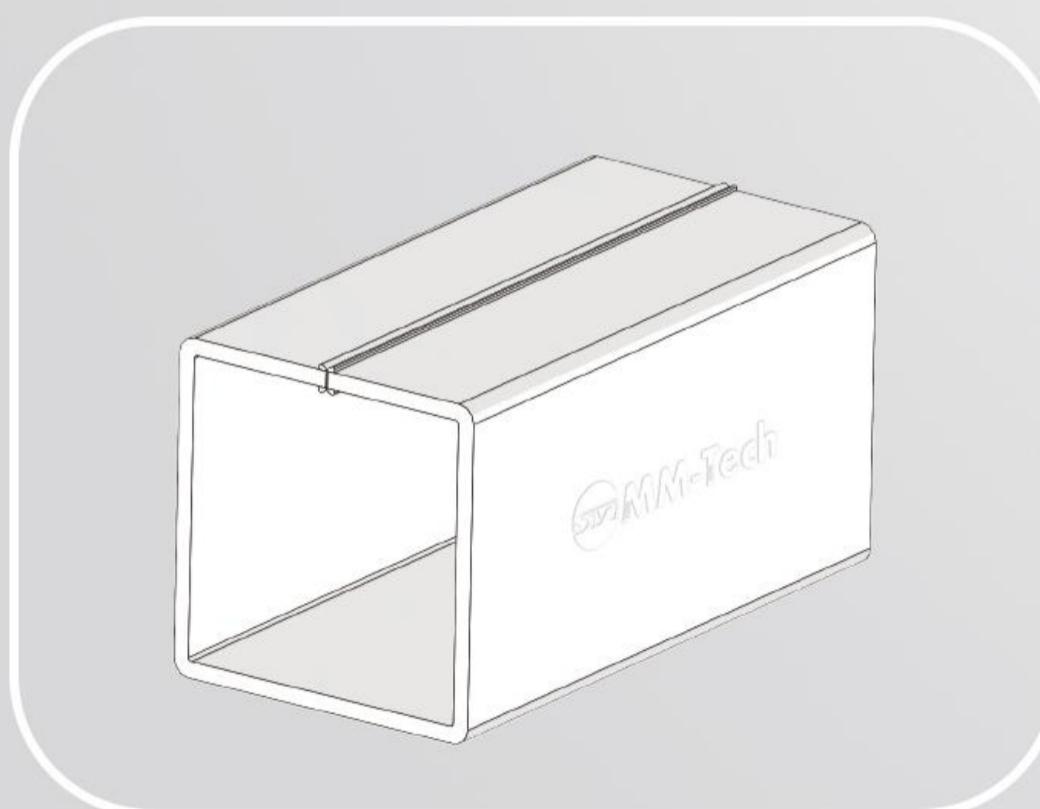
## SWT-ZW SERIES

New steel structure, the mechanical synchronous transmission technology, through the SMC Electric Proportional Valve, pressure in the weld region to achieve uniform.

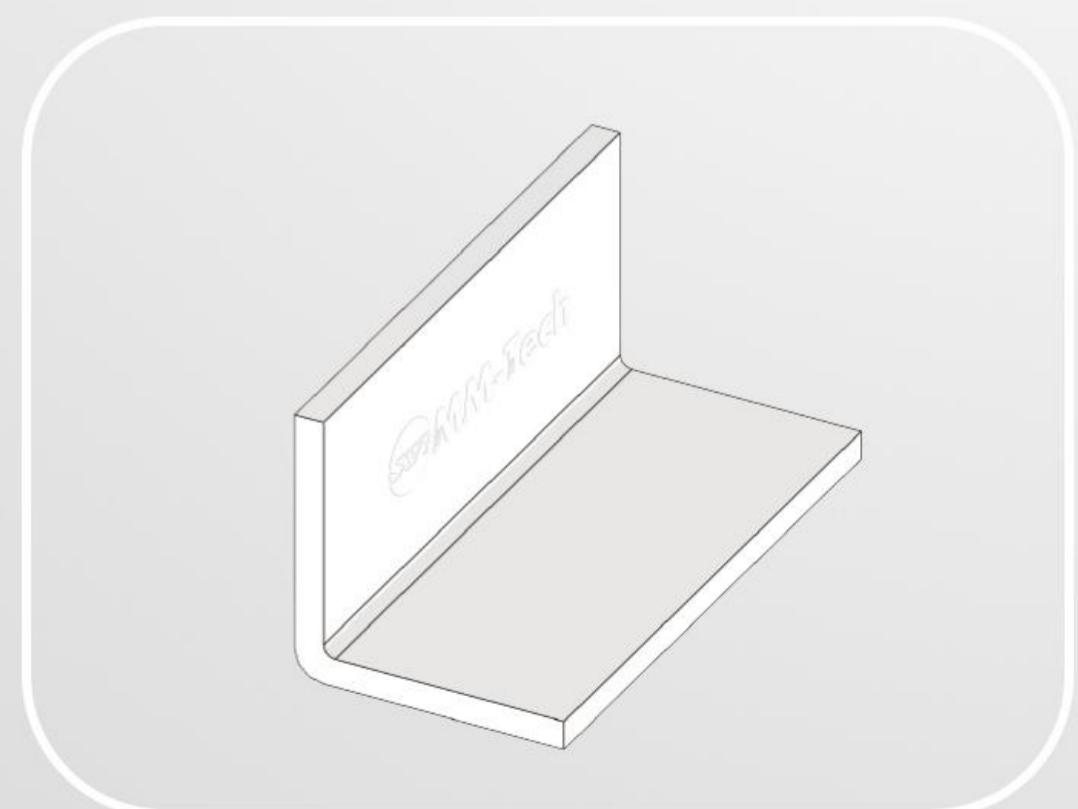
- High-density locking clamps that provide a homogeneous pressure distribution
- Compliant with welding standards DVS 2207. Suitable for all types of thermoplastic sheets (PE, PP, PVC, PVDF, PC, ABS, Acrylic).
- The Control system adopts Siemens / Mitsubishi PLC, with 10-inch touch screen.
- Built-in welding pressure and temperature can be selected according to material type and thickness.
- Weldable thicknesses: 3-50mm, hollow sheet up to 80mm. Bending thickness: 3-25mm.
- LED lights through the entire welding area.



**Bending**  
(Touch Welding)



**Bending**  
(Non-touch Welding)



**0 - 95° Bending**

# SHEET BENDING WELDING MACHINES SWT-ZW4000

This plastic sheet bending machine is suitable for bending thermoplastic sheets made of PE, PP, PVC, PVDF, PC, ABS, Acrylic.



## 1 Basic Function



0 - 95° Bending by one sheet



## Optional accessories



Optional: Heating Knife for Station 2/3/4

## Features

- ✓ Compliant with the welding standard DVS2207
- ✓ Automatic welding system
- ✓ Hinge connection welding more accurately
- ✓ Pneumatic Locking Clamps
- ✓ Dual digital display thermostat
- ✓ The equipment used the best components of Festo, Siemens, and Schneider Electric
- ✓ Multi-point control clamp lifting
- ✓ Heating Plate Teflon was Coated by Dupont
- ✓ Optional rocker arm device / column device
- ✓ Siemens / Mitsubishi PLC with 10-inch touch screen
- ✓ Bending thickness range 3-25mm

## Specifications

Bending Length	4000mm
Bending Thickness	3-25mm
Weldable Materials	PE, PP, PVC, PVDF, PC, ABS, Acrylic Twin Wall sheets
Power Consumption (KW)	10KW
Bending Angle	0-95° Adjustable
Timing	Yes
Alarming	Buzzing
Sheet Locking Clamps	Pneumatic
Welding System	CNC
Power Supply	AC380V 3P 50/60Hz
Compressed Air Connection (bar)	6-8 kg/cm <sup>2</sup>
Display	10 inch WEINVIEW
Hardware Control Panel	SIEMENS / MITSUBISHI PLC
Full load Current(A)	23A
Upper Heating Plate Power	2P, 5.0kW
Lower Heating Plate Power	2P, 5.0kW
Power Cable Size	4*4mm <sup>2</sup>

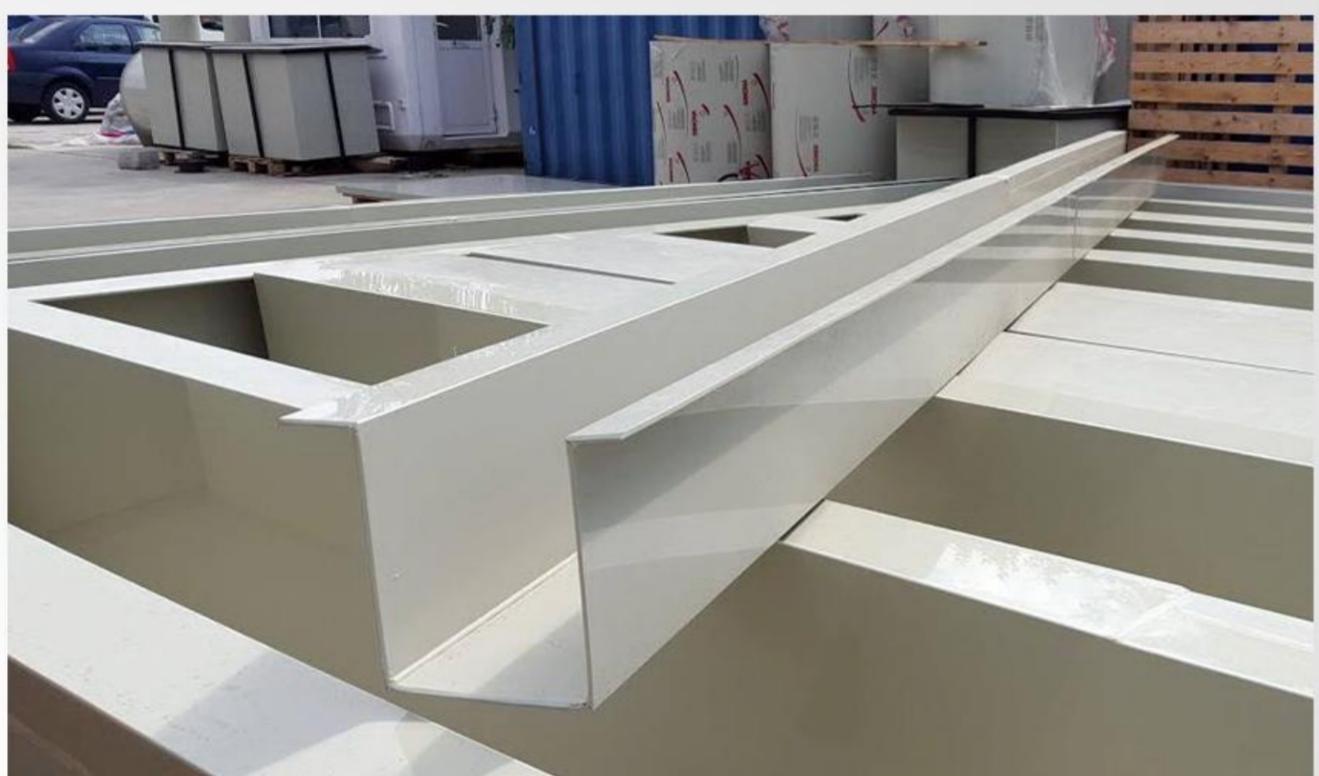
# APPLICATION



Plating Tanks



Scrubber



Ventilation Systems



Water Containers



Swimming Pool



Water Tank



Aquaculture



Water Treatment Systems



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