



# Sheet Bending Welding Machine

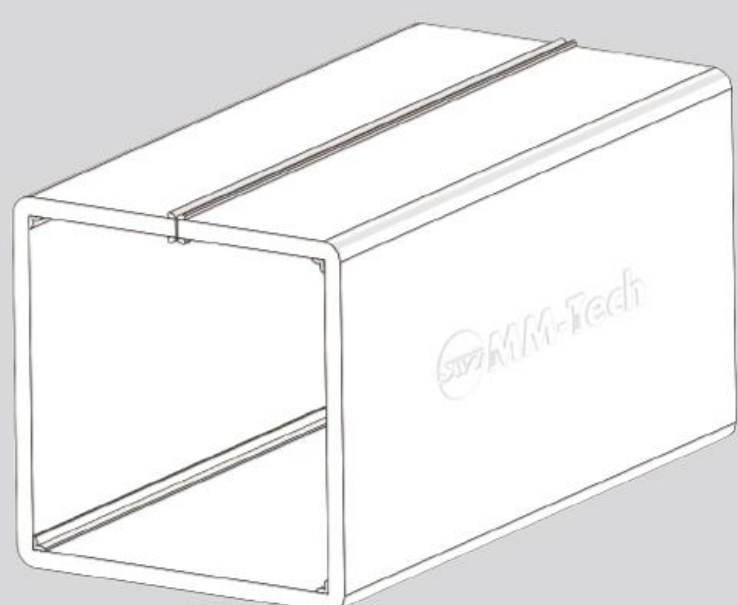
**SWT-ZW Series**



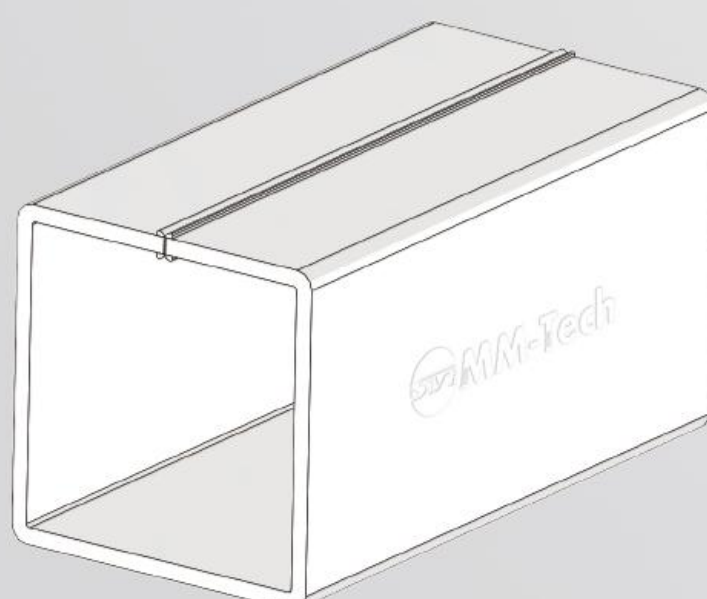
## SWT-ZW SERIES

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

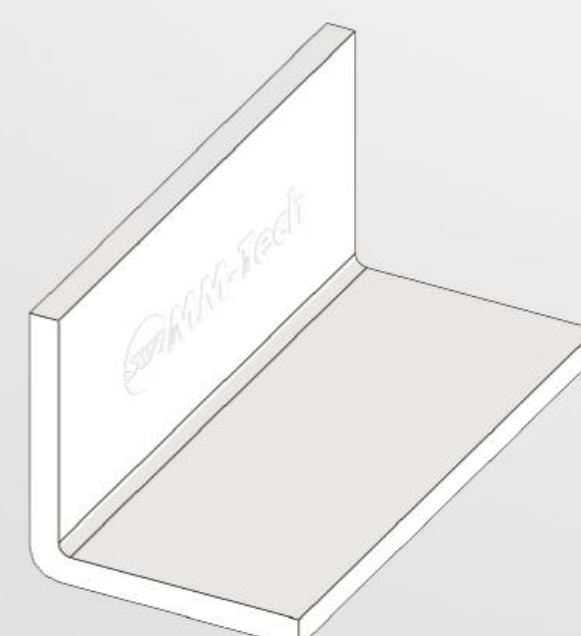
- High-density locking clamps that provide a homogeneous pressure distribution
- Compliant with welding standards DVS 2207. Suitable for all types of thermoplastic sheets (PE, PP, PVC, PVDF, PC, ABS, Acrylic).
- The Control system adopts Siemens / Mitsubishi PLC, with 10-inch touch screen.
- Built-in 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-ZW6000

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                  | 6000mm                                                  |
| Bending Thickness               | 3-25mm                                                  |
| Weldable Materials              | PE, PP, PVC, PVDF, PC, ABS, Acrylic<br>Twin Wall sheets |
| Power Consumption (KW)          | 14KW                                                    |
| Bending Angle                   | 0-95° Adjustable                                        |
| Timing                          | Yes                                                     |
| Alarming                        | Buzzing                                                 |
| Sheet Locking Clamps            | Pneumatic                                               |
| Welding System                  | CNC                                                     |
| Power Supply                    | AC 380V 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)            | 36A                                                     |
| Upper Heating Plate Power       | 2P, 7.0kW                                               |
| Lower Heating Plate Power       | 2P, 7.0kW                                               |
| Power Cable Size                | 4*6mm <sup>2</sup>                                      |

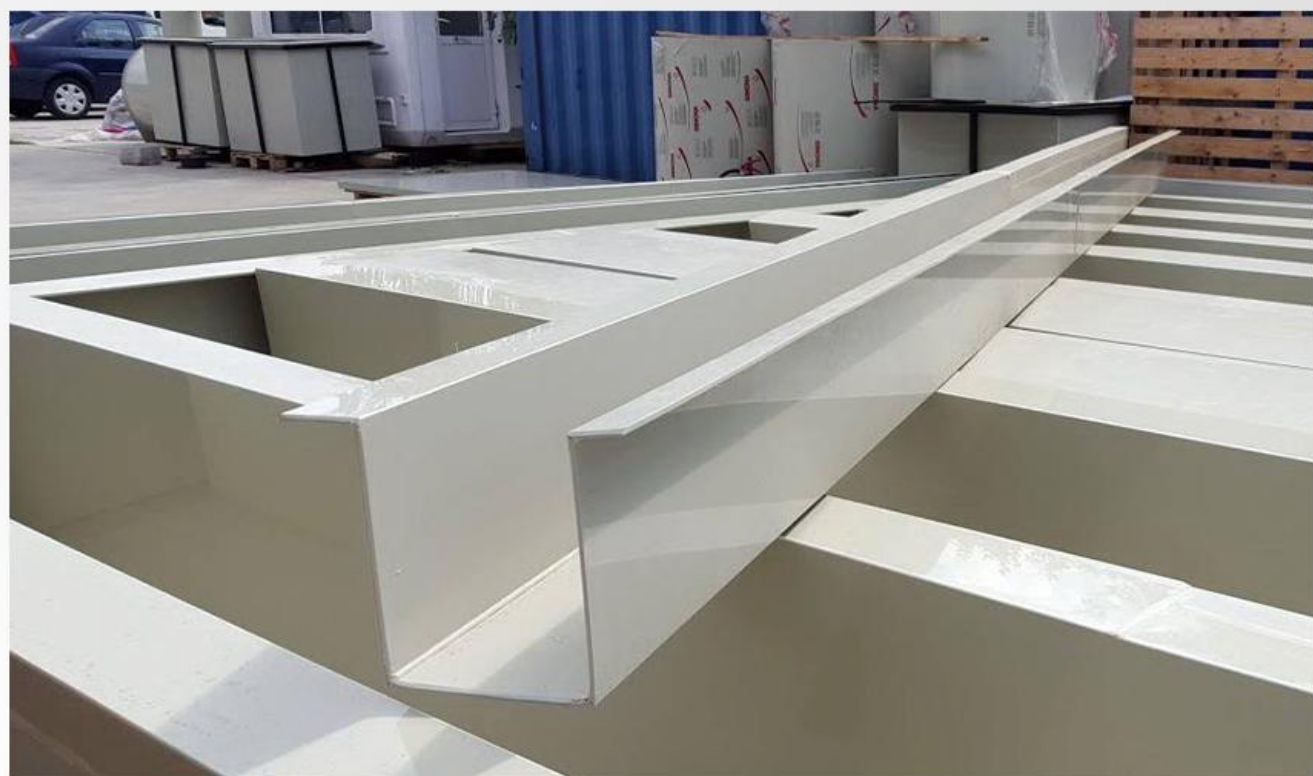
# APPLICATION



Plating Tanks



Scrubber



Ventilation Systems



Water Containers



Swimming Pool



Water Tank



Aquaculture



Water Treatment Systems



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