

## Piping Cantilever Automatic Welding Machine(SAW)



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**Model:PCAWM-24B**

**Performance Characteristics**

1. On-line Performance: Excellent (designed for flow process)
2. Application: Used in sreen welding (DN $\geq$ 150)
3. Welding Capacity: Excellent (200-300 inch/day, which is over 4 times of manual welding)
4. Operability: Good (easy to operate even if you are a fresher)
5. Surface Forming: Excellent (the welding gun will always be positioned in optimum position)
6. Welding Qualification Ratio:  $\geq$ 98%
7. Driving Reliability: Excellent (driven by welding positioned)
8. Price: Much cheaper than the Automatic Pipe Welding Machines-Submerged Arc Welding

**Technical parameter**

1. Pipe diameter: DN50-600 (  $\phi$ 60-610 )
2. Pipe thickness: 3-80MM
3. Pipe materials: carbon steel, alloy steel, stainless steel and cryogenic steel.
4. Welding: tube-tube, pipe-pipe, tube-elbow, tube-flange, flange-flange, flange- elbow (dummy tubes for connection when necessary).
5. Driving System: driven by three-row stainless steel worm -and -worm wheel (A1/A2) or driven by two-row rubber roller reducer (A3/A4).
6. Compression System: the height of the compression arm can be adjusted by electric power, and the compression arm can rotate for 180 degrees with the two wheels of manual lead screw.
7. Bracket System : Separate type of trolley matching for welding machine, which may be adjusted along the track according to the length of the pipeline.
8. Counterweight System: no Counterweight
9. Speed-regulation Mode : Variable-Frequency Stepless Speed Control System

10. Adjustment Mode: manual cross regulator
11. Control System: products of proprietary technologies owned by our company, no PLC control
12. Welding Mode: twin-wire submerged arc welding
13. Welding Power: OEM (or as per customers' demands)