Piping Prefabrication Automatic Welding Machine(SAW)

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Model   PPAWM-24B1/B3

Performance Characteristics

1. On-line Performance: Excellent (designed for flow process)

2. Application: Used in sreen welding (DN≥150)

3. Welding Capacity: Excellent (250-350 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: ≥98%

7. Driving Reliability: Good (driven by frictional force, however, it is required to set essential balance weight to offset large bending moment caused by elbows for large diameter pipe)

8. Price: Much higher than the Automatic Pipe Welding Machines-Gas Arc Welding

Technical parameter

1. Pipe diameter: DN50-600   φ60-610

2. Pipe thickness: 3-60MM

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 (B1) or driven by two-row rubber roller reducer (B2).

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. Adjustment Mode: manual cross regulator
10. Control System: products of proprietary technologies owned by our company, no PLC control
11. Welding Mode: twin-wire submerged arc welding