Piping Cantilever Automatic Welding Machine(GTAW)

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Model: PCAWM-24C
Performance Characteristics
1. On-line Performance: Excellent (designed for flow process)
2. Application: Used in sreen welding or thin pipeline
3. Welding Capacity: Low (50-100 inch/day)
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: Excellent (driven by welding positioned)
8. Price: Much higher than the Automatic Pipe Welding Machines-Argon Arc Welding
Technical parameter
1. Pipe diameter: DN50-600　φ60-610
2. Pipe thickness: 3-10MM
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 welding positioner, using 2 (or 3, 4) jaw CHUCK fix the pipeline.
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: Electric cross regulator

11. Control System: products of proprietary technologies owned by our company, PLC control

12. Welding Mode: Argon Arc Welding

13. Welding Power: OEM (or as per customers' demands)

14. Swing System: products of proprietary technologies owned by our company, stepper motor drive