

Slip-on Flange Automatic Welding Machine(FCAW/GMAW)



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Model: SFAWM-32A1/A2

Performance Characteristics

1. On-line Performance: Excellent (designed for unflow process)
2. Application: Used in welding in lateral horn of plate flange
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: $\geq 98\%$
7. Driving Reliability: Good
8. Price: Higher than the Automatic Pipe Wall Welding Machines

Technical parameter

1. Pipe diameter: DN100-800 ($\phi 114-810$)
2. Pipe thickness: 3-60MM
3. Pipe materials: carbon steel, alloy steel, stainless steel and cryogenic steel.
4. Welding: tube-flange
5. Driving System: driven by Welding Roller Bed with A2
6. Compression System: no Compression System
7. Bracket System : Two Welding Roller Beds 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: CO₂ gas shielded 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 with digital display pendulum width regulator
15. Motor system: one motor with two welding guns (A1)/two motors with four welding guns