

Piping All-position Automatic Welding
Machine(FCAW/GMAW)



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Model: PAAWM-56A1

Performance Characteristics

1. In-line performance : Non-assembly line method online equipment
2. Applicable Range: It is better used to weld thick wall prefabricated welds which have longer diameter.
3. Automatic level: Better (Input all of the welding information (parameter) before welding, and it also can control the machine when it is working)
4. Demand of beveling: After use STT semiautomatic welding to render, you can use this machine to weld.
5. Welding Production capacity: Better (150-250 inch per day)
6. Operability: Excellent / Better (it will cost some time to learn welding)
7. Surface shaping: Better (welding always goes along with the rotation rail)
8. Welding qualification ratio: over 96% (basically no re-welding work occurs if the welding skills are mastered)
9. Driving reliability: Excellent (lathe is forced forward along the rail)
10. Relative price: much higher than that of the automatic pipeline prefabrication welding machine

Technical parameter

1. Applicable pipe diameter: DN300-1400
2. Applicable wall thickness: 6-80MM
3. Applicable materials: carbon steel, alloy steel, stainless steel and low temperature steel etc.
4. Applicable welding seams : Have a big space, that make it easy to install the railway of the pipe welding.
5. Nose Production capacity : 120W
6. Travel speed : 0-36mm/h
7. Swing range : 2.5-30mm
8. Swing speed : 0-42mm/S
9. Align : 70mm
- 10 Remaining time : 0-2s
- 11 Welding wave: Triangular wave, trapezoidal wave, rectangular wave, and straight line
- 12 Weight of nose : 12kg
13. Height of welding gun : 0-80mm
14. Angle of welding gun : 0-360°
15. Loading welding arc : 5kg