



HCD500-3E

Vertical Fillet Automatic Welding Carriage



Nanjing Topreach Welding Carriage
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TECHNICAL DATA

Model	HCD500-3E
Weight	12.50KG
Input Voltage	24V/3AH Lithium Battery
Drive Mode	Rack and pinion drive
Traction Power	200KG
Travel Speed	35-930(mm/min)
Track Method	Guide Wheel and Rail Profiling
Weaving Speed	≤5.4 r/min
Weaving Angle	0~±8°
Left/Right Resistance Time	0~2.5s
Torch Position Adjustment	Rotate around the X axis ±15° Lateral movement 40mm Vertical movement 40mm
Torch	Straight Torch
Dimensions (L*W*H)	1020*360*280mm
T-bar Rib Height	<110mm



FUNCTIONAL CHARACTERISTICS

- ◆ Equipped with a conventional gas shielded welding power source, it can realize automatic gas shielded welding operation. This carriage is especially suitable for vertical T-bar automatic welding operation.
- ◆ Powered by a lithium battery, no external power supply is required, one charge can meet 8 hours of continuous operation.
- ◆ Using of the digital control system is based on MCU, it is high in control precision. The parameter visualization design is convenient for later process parameter standardization.
- ◆ Driven by full brush-less motor, it is reliable on operation and has longer using life.
- ◆ Using of the self-adsorbing rail special designed for T-bar, it is reliable, convenient and high efficiency.
- ◆ Can choice the left or right position of the welding torch.

