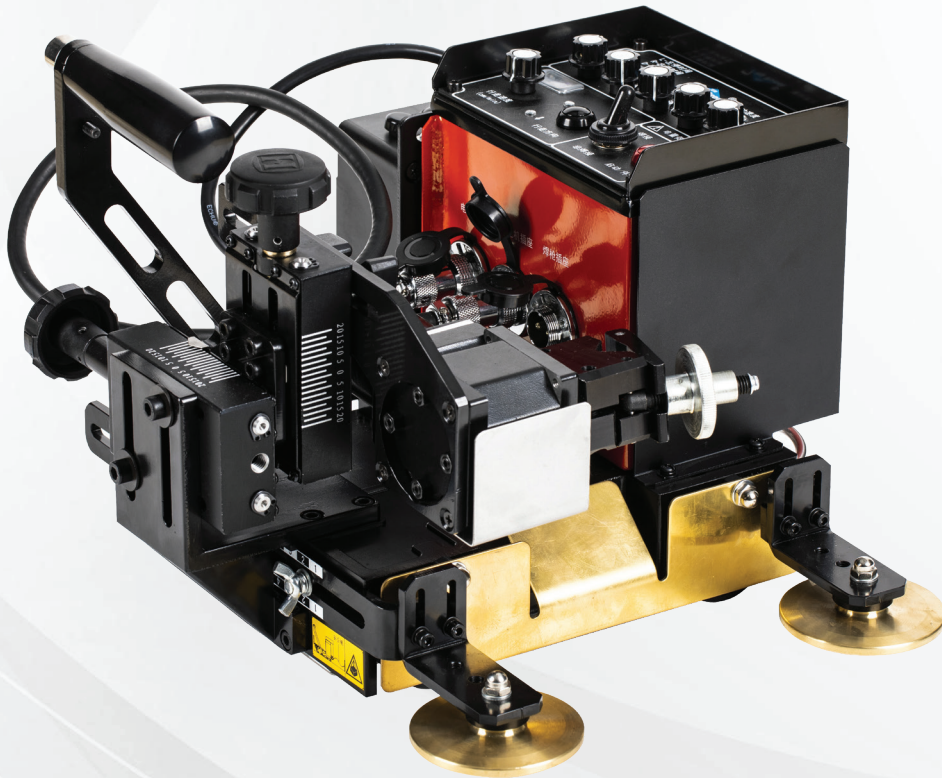


HCD500-6

All Position Automatic Welding Carriage



Advance Technical Configuration

- ✓ Auto-Wireless Remote Control
- ✓ FCAW and MIG welding process.
- ✓ Applicable FCAW Electrode from 1G ~ 2G position.
- ✓ Easy assembling track and side Wall Magnetic
- ✓ Powered by lithium battery with external power supply cable



TECHNICAL DATA

Model	HCD500-6
Weight	12KG
Input Voltage	24V/4AH Lithium Battery
Drive Mode	Four Wheel Drive
Traction Power	32KG
Travel Speed	35-930(mm/min)
Track Method	Guide Wheel Guide Rail
Torch Position Adjustment	Rotate around the X axis $\pm 45^\circ$ Rotate around the Y axis $\pm 30^\circ$ Lateral movement 20mm Vertical movement 20mm
Weaving Parameters	Weaving Angle 0 - $\pm 8^\circ$ Max Weaving Speed 0 - 40 Left/Right Resistance Time 0 - 2.5S
Torch	Torch or Straight Torch
Unweldable Distance	Front 150mm Rear 146mm
Dimensions (L*W*H)	314*195*242mm



FUNCTIONAL CHARACTERISTICS

- ◆ This carriage is a multi-function welding machine, it is widely used in flat fillet welding, vertical fillet welding, flat butt joint, horizontal butt joint, vertical butt joint and overhead welding.
- ◆ Powered by a lithium battery, no external power supply is required, ensuring the safety of use.
- ◆ With the travel angle adjustment function, this carriage is able to meet the requirements of build up welding or drawing welding. During welding, the adjustment function can adjust the position of welding gun at any time, which is convenient for operation.
- ◆ There is no clearance in the transmission of the oscillator, it ensures the accuracy of the torch weaving.
- ◆ This carriage has a magnetic adsorption clutch handle and it is easy to adjust and install.
- ◆ High-performance magnetic increases the reliability of profiling welding and also ensure a smooth operation.
- ◆ Fitted with soft rail or hard rail it can complete the vertical walking, side suction horizontal walking, curved walking and flat butt welding.

