

HC5- 6

Brushless DC Motor with PWM and Encoder for Precise Control
Low-voltage DC Power Supply – No Risk of Electric Leakage or Safety Hazards
Durable Lithium Battery – Cordless and Portable for Use Anywhere

Application

Shipbuilding industry 、 Bridge-building industry
Petroleum industry 、 Structural steel fabrication
Automotive / Transportation equipment

Features

It is widely used in **Flat Fillet Welding**, **Vertical Fillet Welding**, **Flat Butt Joint**, **Horizontal Butt Joint**, **Vertical Butt Joint** and **Overhead Welding**.

With the travel angle adjustment function, this carriage is able to meet **The Requirements of Build Up Welding** or **Drawing Welding**.

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**.

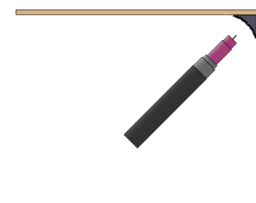


Specification

Input Voltage	24V / 4AH Lithium Battery
Drive Mode	Four Wheel Drive
Traction Power	32kg
Travel Speed	35~930(mm/min)
Tracking Method	Guide Wheel / Guide Rail
Torch	Bend Torch or Straight Torch
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 $0 \sim \pm 8^\circ$ Max Weaving Speed 0~40 cpm Left / Right Resistance Time 0~2.5s
Unweldable Distance	Front 150mm 、 Rear 146mm
Dimension (W*D*H)	195*314*242mm
Weight	12kg



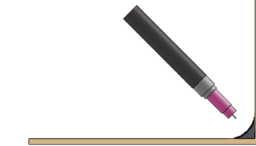
▲ 3-Meter Diameter Arc / Flat Panel Horizontal Alignment Welding



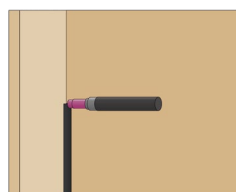
▲ Angle Welding



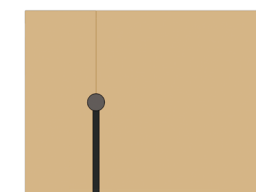
▲ Flat Butt Welding



▲ Side Suction Welding



▲ Corner Welding



▲ Vertical Butt Welding

