

HC5- 1K

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

The whole body is made of aluminum alloy, which is solid and durable, lightweight, and easy to carry.

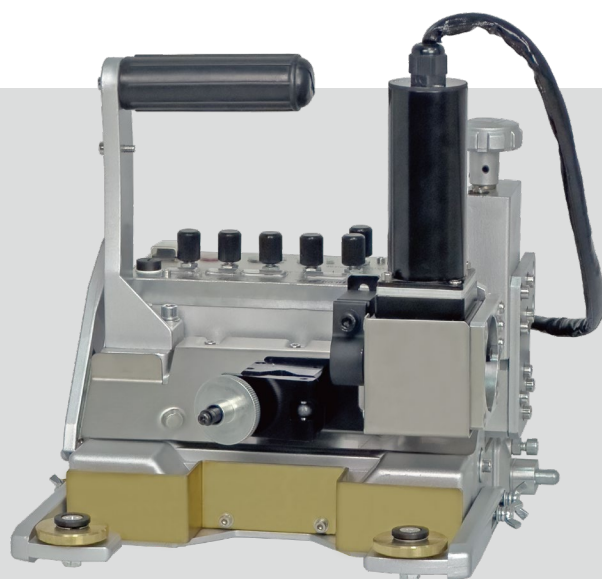
This carriage has a magnetic adsorption clutch handle and it is easy to adjust and install.

This carriage is equipped with an oscillator part and the oscillator is driven by a brush-less motor with high precision and long using life.


With welding torch arc suppression function, arc suppression time adjustment range is 0~2.5 seconds.

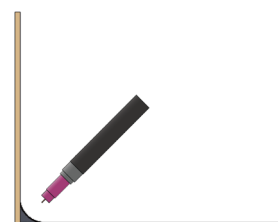
By means of magnet adsorption and the guide wheel profiling walking, it meets ordinary [Flat Fillet Welding](#) and [Thick Plate Groove Multi-pass Welding](#).

Fitted with rail and hook wheels, it can complete the [Flat Butt Weaving Welding](#).

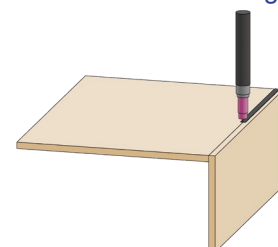


Specification

Input Voltage	24V / 4AH Lithium Battery
Weaving Motor Voltage	DC 24V
Drive Mode	Four Wheel Drive
Traction Power	25kg
Travel Speed	35~930(mm/min)
Weaving Parameters	Weaving Speed 0~40 cpm Weaving Angle $\pm 8^\circ$ Left / Right Dwell Time 0~2.5s
Weaving Mode	
Track Method	Guide Wheel
Guide Wheel Height	3 Options (10 、 20 、 38mm)
Torch	Bend Torch / Straight Torch
Torch Position Adjustment	Horizontal Angle $40^\circ \sim 55^\circ$ 、 Up/Down & Left/Right Movement 40mm
Unweldable Distance	Front 137mm 、 Rear 137mm
Automatic Stop Function	Front and rear limit devices
Dimension (W*D*H)	280*285*290mm
Weight	12kg(Include Oscillator)



▲ Flat Corner Welding



▲ Corner Plate Joint Welding

