

Nynhan

INTEGRATED HIGH PERFORMANCE WELDING ROBOT SERIES



SYSTEM CONFIGURATION

Name: Arc welding robot
 Model: CRP-RH14/18/21-06-W
 Includes:
 Body: CRP-RH14/18/21-06-W
 Electrical cabinet: G9
 Welding power supply: CRP-DS350-L
 Welding torch: Fully enclosed 350A air cooled, with anti-collision
 Teaching device: E type vertical teaching device, line length 6 meters
 Operating box: 2 (line length 5 meters)
 Electrical cabinet and body interconnection line 5 meters
 Wire tray and support, wire feeder and support, wire tube, etc

PRODUCT CHARACTERISTICS

CRP-RH14-06-W
CRP-RH18-06-W
CRP-RH21-06-W

INDUSTRIAL ROBOT

- High speed, 20% faster than the previous generation;
- Lighter weight, better accessibility;
- High protection: 1,2 axes are equipped with dustproof cover to fully surround the welding gun;



E TYPE TEACHING PENDANT

- Programming is fast, 30% faster than the previous generation;
- Lighter, 325g lighter than the previous generation;
- Independent system, cable up to 25 meters;



SCOPE OF APPLICATION

- 0.6-6mm carbon steel (fillet weld/lap /T type 0.6mm and above, butt 0.7mm and above)
- 1.0-6mm stainless steel (fillet weld/lap /T type 1.2mm and above, butt 1.5mm and above)
- 0.8-6mm galvanized parts (fillet weld/lap/T-type 0.8mm and above, butt 1.0mm and above)
- DS350-L for thin plates, DS500-P for thick plates (carbon steel over 6mm)

G9 INDUSTRIAL ROBOT CONTROL CABINET

- Smaller, 20% smaller than the previous generation;
- Standard UPS, support power failure regeneration;
- New system platform, support servo collision avoidance and gravity compensation;



DS350-L/DS500-P WELDING MACHINE

Ultra-low spatter, MAG/CO₂ can be realised, beyond the low spatter range, lower spatter year-on-year;
 • Constant depth of fusion function, more stable arc;
 • Higher arc starting success rate due to the pump-back arc starting function;
 • Fish scale welding function, can weld thinner plate and appearance parts;
 • Parameter integration, more intuitive, quick setting of all parameters;
 • Compared with the conventional pulse, the short arc pulse is shorter, the heat is more concentrated, the welding speed is faster, the melting depth is deeper, and the weld seam is more beautiful.

