



Butt Welding Machine

Compact arc welding robot

Compact arc welding robot that contributes to enhancement of welding quality

Features

- 1 Being able to record the welding seam in the memory saves site when setting the rail and stabilizes the target position while welding.
- 2 Offers table quality of finish and start ends by automatic welding of teaching/memorized intervals and automatic stop.
- 3 Offers stable welding quality by merit of colorful welding function.
- 4 Enables real time work conditions revision while welding.

Standard Specifications

Welding robot main unit

Axis configuration	3 orthogonal axes
Axis motor type	Stepping motor
Stroke forward/reverse	100mm
vertical	80mm(also manual 50mm)
travel axis	20,000mm
External dimensions(mm)	200(W)×550(L)×265(H)
Weight	11kg

Control unit

Input voltage	AC100V±15% or AC200V±15% 50/60Hz
No. of teaching points	max.50
No. of control axes/route control	3 axes/linear interpolation
Modes	Round trip/one-way, automatic/manual stop
Welding conditions Setting of voltage/current	Setting by knob of operation pendant
Setting of work conditions (weaving conditions, etc.)	Weaving width:0 to 40mm, both ends stop time(max. 9.9sec), welding speed(0 to 150cm/min), software weaving for forward/reverse vertical axes
Real time revision items	Current/voltage/traveling speed/torch target position weaving conditions
External dimensions(mm)	210(W)×463(L)×300(H)
Weight	11kg
Control cable length	25m