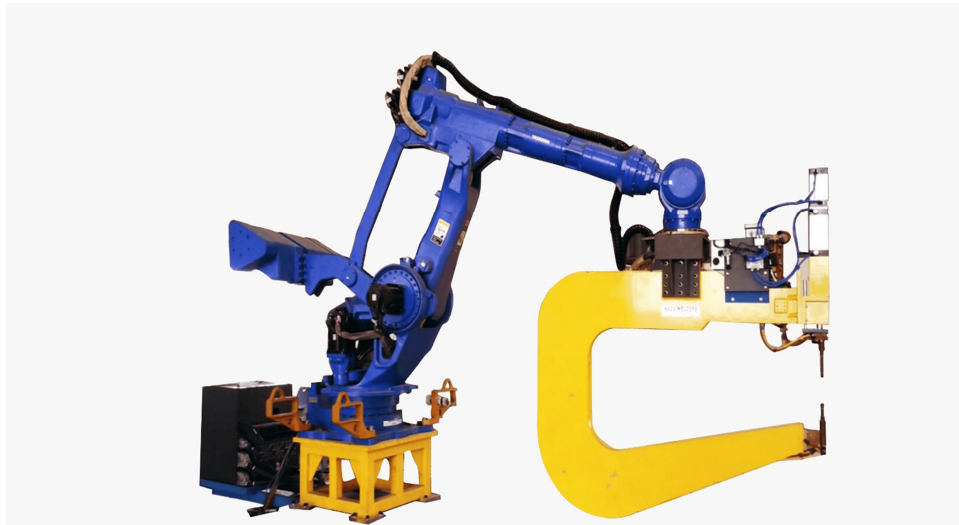


ROBOTIC SPOT WELDING MACHINES

APPLICATIONS

- Railway Coach spot welding- Roof, sidewall ,carline etc.
- Automotive Industries,
- Defense industries,
- Furniture industries,
- kitchen appliances,
- Sheet metal fabrication panel box etc.



SPECIFICATIONS

Type : Robotic 3 phase MFDC spot welding system

Input : 415V, 3 phase

KVA : 100-160 KVA

Robot capacity : 400 to 600 kg payload

Robot make : Yaskawa (Japan)

Welding system : Heavy duty ICF Roof, Sidewall & lavatory sidewall spot welding applications

Type of welding controller: MFDC, (Bosch Rexroth –Germany)

Type of welding transformer: MFDC, (Bosch Rexroth-Germany)

No of Axis – 7axis / 8 axis

7 th /8 th Axis provided – 22 Mtr Clear Travel X track for robot movement – It has LM Rails, machined track, Rack & Pinion

- Y-Axis travel – 1500 mm
- X-Axis clear travel – 22 meter
- Welding thickness – 1mm (min) to 7mm (max)
- Weld able Material– SS and MS (Aluminum optional)
- Aluminum alloy C gun with 1500mm throat depth
- Easy maintenance,
- Robotic gun available in Servo and pneumatic as per customer requirement
- Servo actuators for Top electrodes / pneumatic cylinders are used