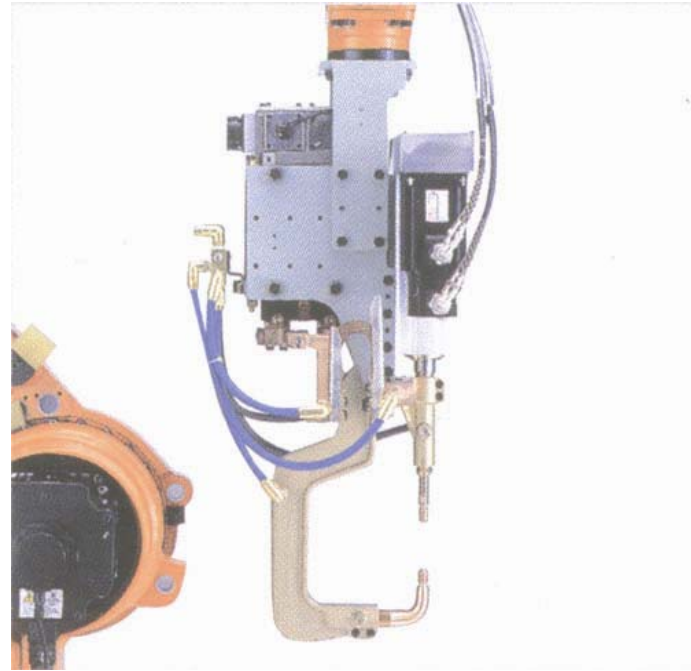


Nachi Servo Gun

Servo gun is fast replacing pneumatic spot weld guns due to their numerous advantages like higher weld quality, improved cycle time and lowered costs. Automatic tip wear compensation assures best weld quality. Improved synchronization of the robot and the servo gun reduces cycle time. Unlike pneumatic servo guns, Nachi servo guns are quieter and cleaner.

Features and Benefits

- Programmable stroke control reduces cycle time
- Electrode pressure control assures stable weld pressure
- Electrode position correction automatically compensates for tip wear
- Servo controlled electrode motion reduces noise from tip impacts
- Reduced expulsion and burring yield clean looking weld spots
- Missing metal detection capability
- Gun power stand alone function allows axis power to be separated from the robot for test welding
- Gun changers supported (max. of 32 guns)
- Pressure tuning software function available. (Standard with Nachi Robots)



Nachi robots have in-built WAC (Water, Air and welding cable) track. Features like automatic welding current step up in relation to tip wear, and pressure tuning assure the desired welding pressure is attained. The servo gun body comes with in-built water track for cooling water circulation. Nachi robots can support multiple servo guns.



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