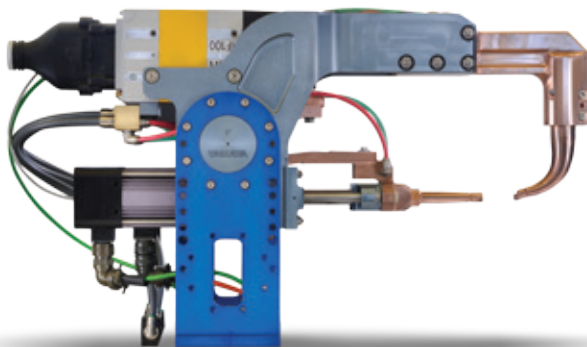
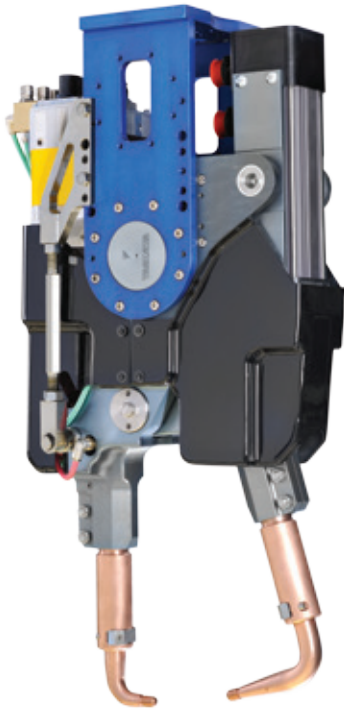


SPOT WELDING GUN RANGE



The new range of spot Welding Guns was developed by Yaskawa and has an extremely low weight. Carefully designed down to the smallest detail, it allows you to use robot with lower capacity.

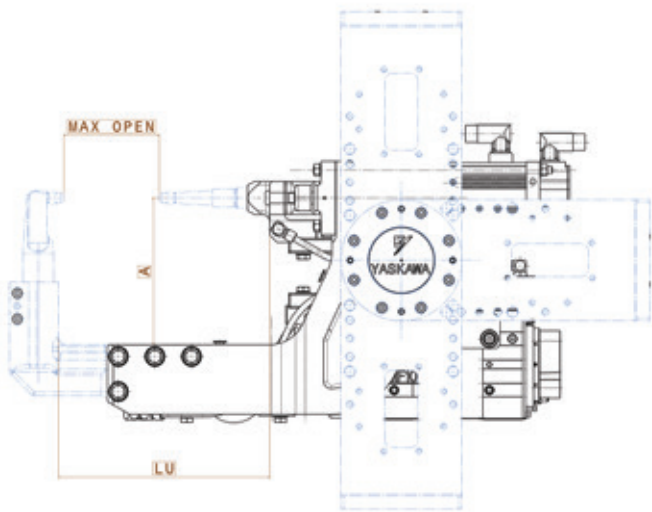
These features allow us to make a wide range of guns with different openings, reach and wrist mounting, depending on the item to be welded.

BENEFITS

The benefits of the gun and for the user are:

- No pneumatic system.
- It consists of three components (gun body, transformer and motor) for maximum simplicity of the structure.
- The cables can be connected sideways to ensure better rotation of the wrist of the robot.
- Lower energy consumption.
- Can be mounted on a robot with lower weight.
- Easier to install.
- Standardization of the gun with greater customization options starting from the standard solution.

SPOT WELDING GUN “C”

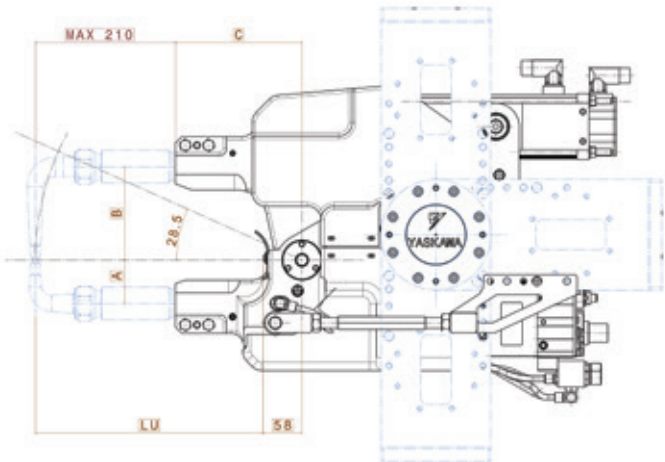


ARM CENTER DISTANCE

A	200	300
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LU Usable Opening (mm)	ELECTRODE FORCE Max Load (daN)	MAX OPENING Max Open (mm)
250	450	130
300	450	130
350	450	130

SPOT WELDING GUN “X”



ARM CENTER DISTANCE AND LENGTH

A	65	125	150
B	100	140	250
C	190	290	

POSSIBLE COMBINATIONS (FAMILY SIZE)

GUN	A	B	C
65-100-190 65-100-290	65	100	190 / 290
65-140-190 65-140-290	65	140	190 / 290
65-250-190 65-250-290	65	250	190 / 290
125-100-190 125-100-290	125	100	190 / 290
125-140-190 125-140-290	125	140	190 / 290
125-250-190 125-250-290	125	250	190 / 290
150-100-190 150-100-290	150	100	190 / 290
150-140-190 150-140-290	150	140	190 / 290
150-250-190 150-250-290	150	250	190 / 290

LU Usable Opening (mm)	ELECTRODE FORCE Max Load (daN)		MAX OPENING Max Open (mm)
250	530 (C=190)	N.A. (C=290)	144
300	500 (C=190)	N.A. (C=290)	167
350	450 (C=190)	500 (C=290)	190
400	380 (C=190)	450 (C=290)	214
450	320 (C=190)	380 (C=290)	238