

ROBOTICS

## GWT C9

# Electrically Driven Servo Weld Gun



To address the high demands for process speed, production reliability and top-line quality in the automotive industry, ABB Robotics introduces the GWT C9 servo weld gun. A modular, lightweight yet powerful and fast welding gun.

The demands for high process speed, production reliability and genuine quality is a main focus in the automotive industry. ABB Robotics offers a highly adaptable electric servo gun, GWT C9, as an integrated solution controlled by the robot controller.

GWT C9 is part of the 9th series new generation of electrically driven servo welding guns developed and manufactured by ABB Robotics. Design is based on a modular concept, its standard body supports a wide range of arm configurations.

The flexibility of the GWT C9 welding gun offers a wide range of welding solutions to meet the expectations of the industry with short delays.

### Options

- Robot attachment bracket
- Electrode tips (16 or 20mm standard)

### Key features and benefits

- Same compact body for all models
- Adaptable to a wide range of arm sizes and types
- Less spare parts
- Multiple side mounting options with locations every 45 degrees
- Single robot attachment for different attachments towards the gun (top, bottom, rear, side mounted)
- Quick gun commissioning
- Integrated Lean ID interface
- Easy maintenance and replacements for all components
- Easily removable cover

- 01 GWT C9 Small
- 02 GWT C9 Medium
- 03 GWT C9 Large

**Technical data**

<b>Gun data</b>	
Gun force capacity	800 daN
Actuator speed	300 mm/sec
Transformer MFDC	90 kVA
Water requirements *	3-5 l/min
Gun weight	65-99 kg
MTTR	< 15 minutes
MTBF	10 million cycles
<b>Welding transformer MFDC</b>	
Primary voltage	11.1 V
Secondary voltage	600 V
Frecuency	1,000-1,200 Hz
Power (S50)	90 kVA

**Standard offer**

<b>Version</b>	<b>Weight **</b>	<b>Max force</b>
C9 Small (fig. 01)	74 kg	800 daN
C9 Medium (fig. 02)	75 kg	800 daN
C9 Large (fig. 03)	81 kg	600 daN

\* Depending on duty cycle

\*\* Including mounting bracket

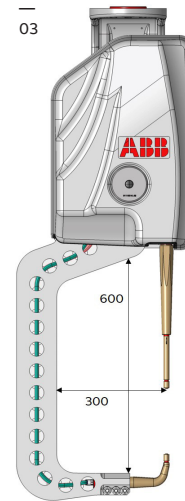
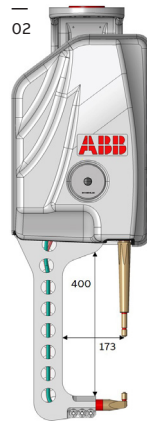
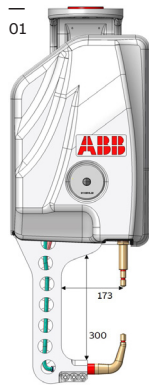


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