



## Robotic SPOT Welding Application Cell

Robotic spot welding is the most common welding application found in the manufacturing field. While it is commonly used in the automotive industry to join sheet metal frames together. Automating spot welding is quick, easy and a great economic solution. This technology offers various kinds of floor space savings. Automated spot welding robot systems will provide your company with consistent welds and increase the quality of your product. ASF's experience with industry-leading spot welding technology can help you increase product quality, reduce production cycle time, or design spot welding solution.

### Robot Specification:

Model	: KUKA KR 180
Rated Payload	: 180 Kg
Maximum Reach	: 2496 mm
Repeatability	: $\pm 0.06$ mm
Controller	: C4

### Welding Gun Specification

Make	: Denyo
Model	: C Gun TMC-303-19
Max. Electrode Force	: 3920 N
Normal Stroke	: 0~100 mm
Max. Speed	: 550 mm/sec.
Acceleration Time	: 0.1 sec.

