

High-Performance C-SWG

Friction Stir Spot Welding Console



The high-performance **Friction Stir Spot Welding console C-SWG** is a powerful unit, which is fully programmable via a CNC-tool. By using the very latest FSSW technology combined with a high-tech force measuring system, this console offers new possibilities in sheet metal spot welding. Even dissimilar metals such as aluminium to steel can be easily welded.



C-SWG

The high-performance and lightweight design ensures:

- ✓ high process stability
- ✓ up to 4000 spots without any additional tool handling (i.e. cleaning, repositioning)
- ✓ easy to operate

High performance friction stir spot welding spindle

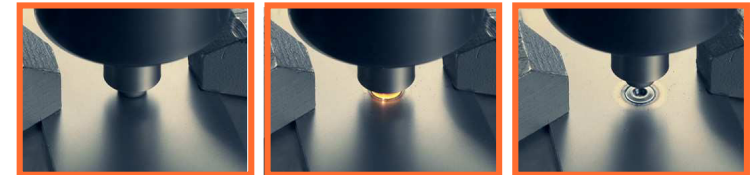
FSSW function with FSSW force and travel control system up to 10 kN

FSSW cycle time 2-3 s depending on the used materials

Tooling system DIN 1835-1 Weldon D=10

Technical Data

Worktable	1100 x 400 mm
Z-axis	300 mm
Max. force	10 kN
Max. tool rotation speed	3000 min ⁻¹
Power supply	15 kW
Protection class	IP 54
Noise level	< 80 dB (A)
Tooling system	Weldon D10 DIN1835-1
Quality monitoring	optional



We do our best to improve continuously the performance of our machines. Please note that therefore some specifications may have changed.



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