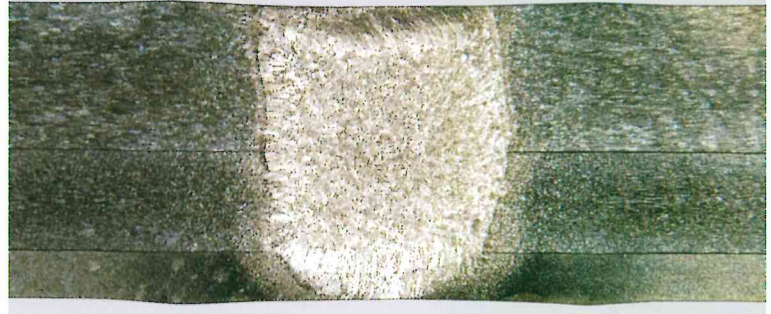
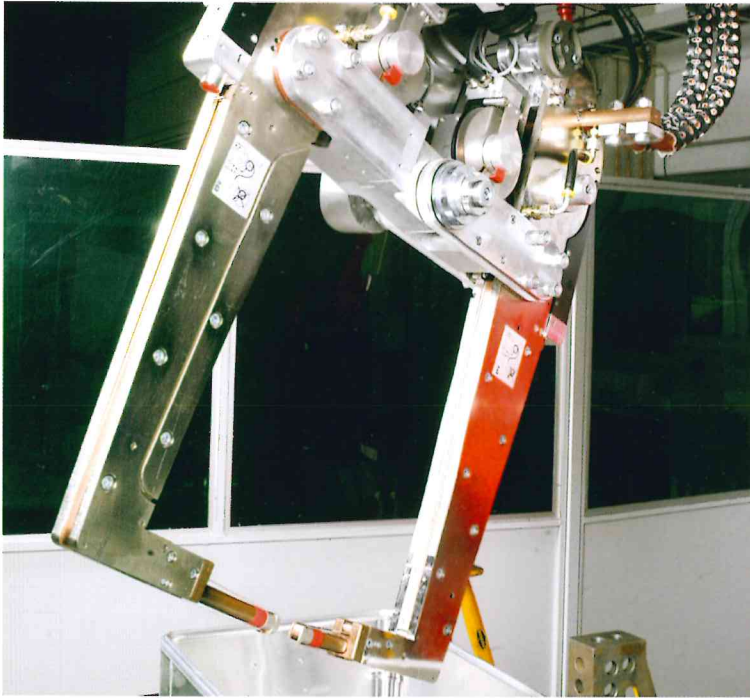


DELTASPOT - RESISTANCE WELDING

**A NEW DIMENSION IN RESISTANCE WELDING
TECHNOLOGY**



DELTA



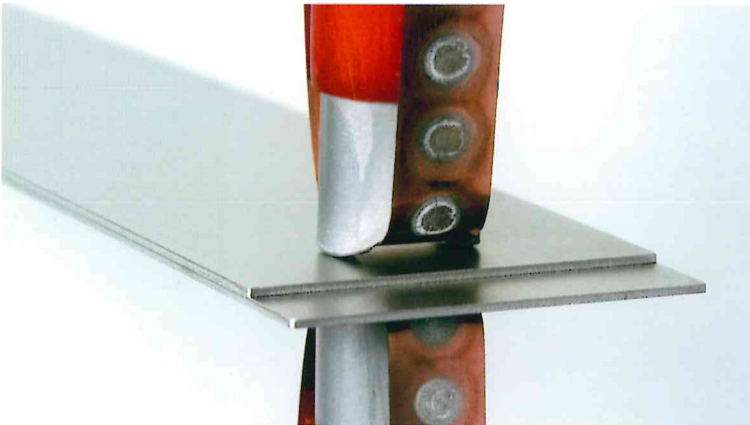
▲
3-plate-joint aluminum
Material thickness: 3,0 mm / 2,0 mm / 1,0 mm
Material: AlMg3 3 mm / AlMg3 2 mm / AlMg3 1 mm
Electrode: R70 Discup
Process band: PT1407
Parameter: 17 kA 700 ms 4 kN

◀ Process bands protect the electrodes and the materials to be joined. This means - 100 % reproducible welding spots.

DELTASPOT - A REAL ALL-ROUNDER

DeltaSpot - A completely new dimension in resistance welding technology.

Basically any material can be welded, steel, coated, high strength and super high strength steel; aluminum, chrome nickel alloys, titanium, magnesium, mixed and aluminum to steel connections. Furthermore, it is possible to combine different thicknesses, different materials and multi-plate joints in consistently safe process.



▲ The process band also has a positive effect on the thermal efficiency, so lower welding current will be required. Therefore, the use of power sources with relatively low capacity is possible for DeltaSpot. Furthermore, the process band has an active influence on the position of the welding nugget. Despite different material resistances all plates are welded.

NO SURFACE SPATTER - ZERO, NULL, NONE, NESSUNO

DeltaSpot will leave absolutely no spatter on the surface. Not a single one.

On the whole, the complete process is absolutely free from spatter, so the work pieces actually do not need to be re-worked.

Extra work? Preparation of aluminum is avoided and parts do not need to be pickled.

Very economic: The continuous process band provides optimum protection for the valuable electrodes - so there is low wear, because only the inexpensive band is used, not the electrodes. Depending on the application, you will spot weld somewhere between 7.000 to 21.000 times per band.

**Briefly:
Completely economic welding**

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