

## FINE BRAIDED FLEX ON SILVER-PLATED CU TERMINAL



### ■ The problem

A 2 x 50 mm<sup>2</sup> fine braided flex had to be welded to a silver-plated Cu terminal. At that stage the width of the weld was still 30 mm; the intention was however to significantly reduce the width of the weld because of the limited space available.

### ■ The solution

The problem was solved with torsional PowerWheel® technology. A dual drive PowerWheel® with a maximum output of 10 kW was successfully employed.

### ■ The advantages

The special way in which the weld energy is transferred to a component using torsional PowerWheel® technology makes it possible to carry out reliable welding of sensitive, fine braided flex. The heavy oil residue in the fine braided flex is reliably removed.

**The potential of the machine makes it possible to achieve considerably narrower welds in subsequent components using the same braided flex, which leads to very significant savings in material and space.**



A PowerWheel® MT8000 was used in this application.

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