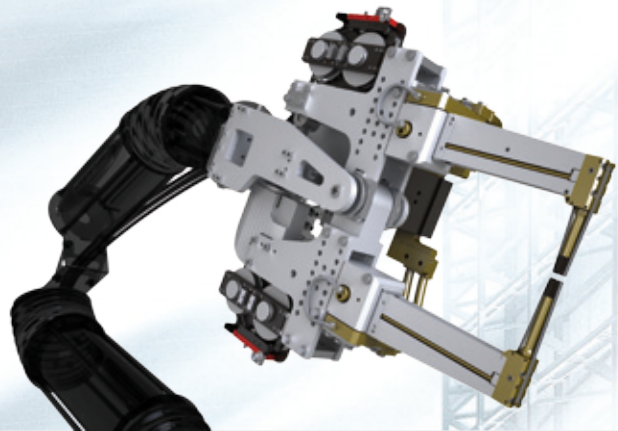


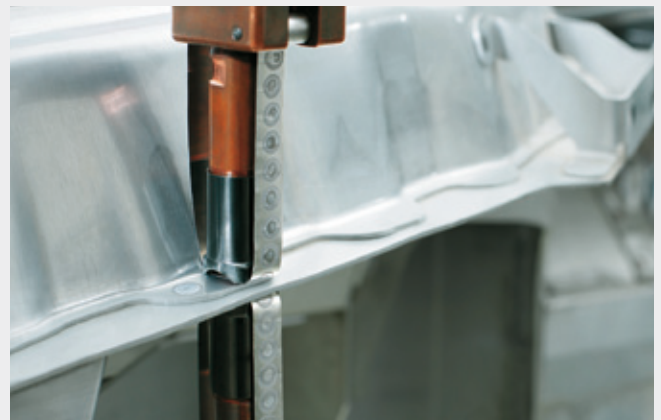
# DELTASPOT

/ The new generation



/ This resistance-welding process was developed for spot-welding aluminium. The absolutely innovative thing about it is its spooling process tape, which brings the following benefits: every weld-spot is 100 % reproducible; every spot is welded with what is effectively an unused electrode; the high process reliability is unrivalled, and there is as good as no surface spatter. As well as for aluminium joints, the advantages of the process can also be put to work on difficult sheet-steel joints such as those involving visually exposed spots or coated high-strength sheets.

- / Electrodes and materials protected by process tapes
- / 100 % reproducible weld-spots
- / Reliable, spatter-free spot-welded joints
- / On aluminium applications, saves up to 50 % of the energy needed in conventional spot-welding



## BENEFITS OF THE NEW GENERATION

- / At 16 mm (0.63 in.), the optional extra-wide process tape is 33 % wider, enhancing process reliability yet again
- / Optimised system design for stable spot-welding applications involving higher electrode forces and large welding-throat depths
- / Improved modularity of pincer-gun design
- / Better serviceability ensured by easy access to components

## THE DELTASPOT SYSTEM FROM FRONIUS

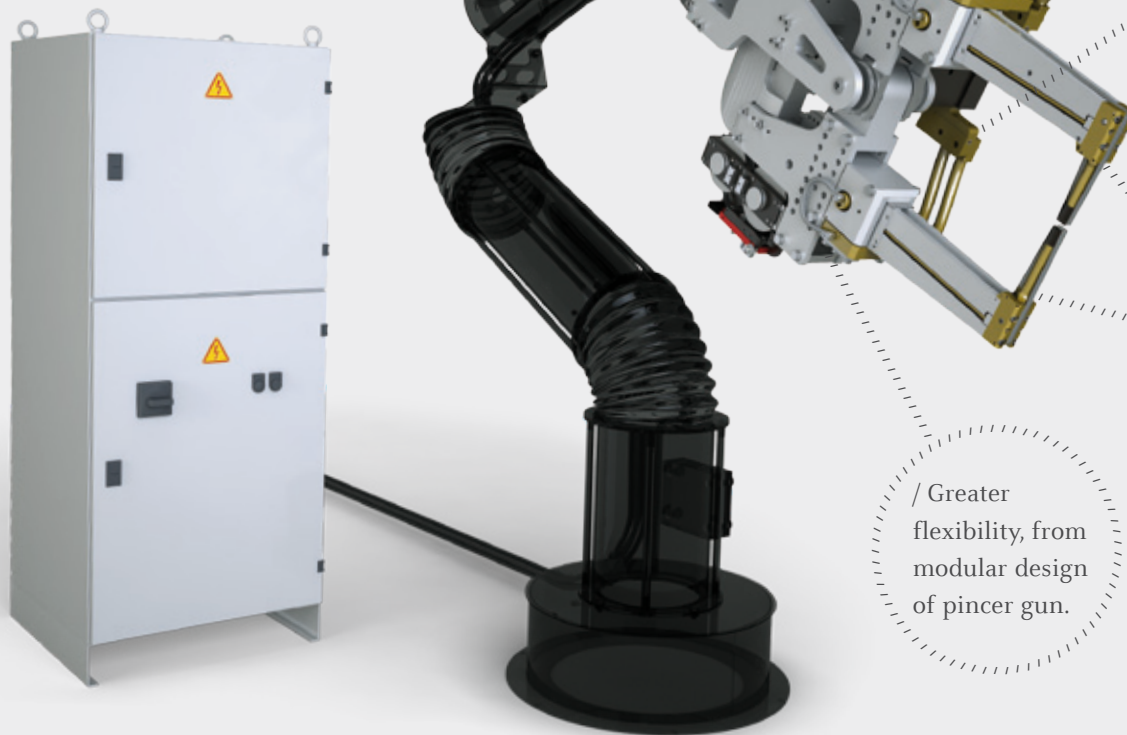
/ The components that make up the DeltaSpot system are all designed for interoperability: power source, hosepack, pincer welding gun and a control system with a graphic user interface.

/ Compact arrangement of tape-spooling device

/ Higher energy efficiency, from optimised positioning of transformer

/ Electrodes protected by process tapes

/ Greater flexibility, from modular design of pincer gun.



/ Battery Charging Systems / Welding Technology / Solar Electronics

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Fronius Canada Ltd.  
2875 Argentia Road, Units 4,5 & 6  
Mississauga, ON L5N 8G6  
Canada  
Telephone +1 905 288-2100  
Fax +1 905 288-2101  
[sales.canada@fronius.com](mailto:sales.canada@fronius.com)  
[www.fronius.ca](http://www.fronius.ca)

Fronius USA LLC  
6797 Fronius Drive  
Portage, IN 46368  
USA  
Telephone +1 877 FRONIUS  
[sales.usa@fronius.com](mailto:sales.usa@fronius.com)  
[www.fronius-usa.com](http://www.fronius-usa.com)

Fronius UK Limited  
Maidstone Road, Kingston  
Milton Keynes, MK10 0BD  
United Kingdom  
Telephone +44 1908 512 300  
Fax +44 1908 512 329  
[sales.uk@fronius.com](mailto:sales.uk@fronius.com)  
[www.fronius.co.uk](http://www.fronius.co.uk)

Fronius International GmbH  
Froniusplatz 1  
4600 Wels  
Austria  
Telephone +43 7242 241-0  
Fax +43 7242 241-953940  
[sales@fronius.com](mailto:sales@fronius.com)  
[www.fronius.com](http://www.fronius.com)