

Telsonic Wire Splice System Increases Capacity for Darlington EMS

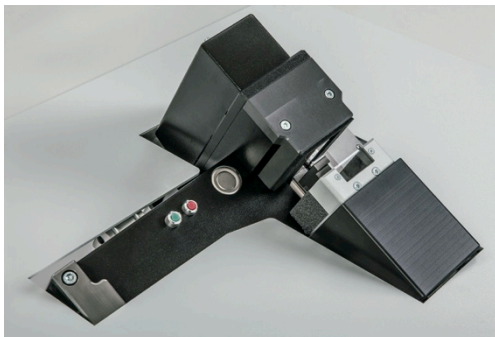
Stockport based Darlington EMS is a specialist supplier of electronic manufacturing services, ranging from PCB assembly and wiring harnesses to panel build. As Darlington's customers continue to diversify from non-core activities, the company has seen an increase in demand for their services, including growth in wire splicing operations. To meet this specific need, Darlington's has invested in the latest Ultrasonic Wire Splicing technology from Telsonic UK.

The new machine, delivered and commissioned earlier this year, is a TelsoSplice TS3 table type wire splicer. This 20kHz – 3kW system replaces older technology and provides not only greater capacity, but also the capability to process a larger range of wire sections, from 0.35 to 45mm².



(Telsonic's TelsoSplice table type wire splicer replaces older technology at Darlington EMS)

Machine set up and operation is achieved using Telsonic's intuitive TelsoSplice Windows® based Software via a touchscreen. The system stores weld parameters and data that can be used for quality control / SPC purposes, and a network connection allows easy transfer of data to factory production management systems if required. Multiple access levels can be set to restrict or allow access to weld development and configuration menus.



aluminium or combinations of both.

The system incorporates an easily maintainable horn and anvil mechanism, which uses integrated cooling designed for high volume production on copper,

(The TS3's horn and anvil arrangement are designed for ease of maintenance)

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In full production at Darlington EMS since the beginning of 2014, the TelsoSplice TS3 is proving to be both an efficient and cost effective system. Telsonic UK was selected by Darlington EMS for this project based upon the wire cross section range offered by the machine and the availability of UK based spares, maintenance and training support.



(TelsoSplice TS3 is designed for high volume production on copper, aluminium and combinations of both materials)

The TelsoSplice TS3 is also available as a hand held, portable unit for work on wire harness assembly boards and the larger TelsoSplice TS6 20kHz – 6.5kW unit handles wire cross sections from 2.5mm to 100mm².

Telsonic UK offer a comprehensive range of ultrasonic modules and systems for a variety of welding, sealing, food cutting, textile cutting, metal welding and cleaning applications.

For more information please contact:-

Telsonic UK Limited
12a - 15 Birch Copse
Technology Road
Poole
Dorset
BH17 7FH

Telephone – 01202 697 340

E-Mail – info.uk@telsonic.com
Web – www.telsonic.com
Blog – <http://telsonicuk.wordpress.com/>