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UK's leading cable looms and harness manufacturer doubles capacity with new automatic crimping machine

Convert Ltd, has invested in a new Komax Gamma 255 fully automatic crimping machine, which has helped double capacity.

The Kent-based company purchased the machine to support a project it is working on with two of the world's leading sports car manufacturers.

Operating predominantly in the automotive, public transport and scientific/medical sectors, Convert manufactures wire cables and harnesses for car head and rear lights, passenger gates at railway stations and a range of scientific equipment.

Incorporating an integrated pre-feeder, splice, wire-end and knot detection, as well as two wire straightening units, the Gamma 255 excels in small wire handling. It cuts wires to a desired length ranging from 15 millimeters to 10 metres and puts crimp terminals on each end. The entire cross section is processed using programmable, highly dynamic servo-drives and V stripping blades, processing cross sections in a range from 0.0123mm²/AWG36 to 2.5mm²/AWG14. The Gamma 255 also incorporates a bad wire handling system with automatic post-production, ensuring wires are crimped correctly every time, thereby guaranteeing both quality control and repeatability.

Dave Lord, Convert's Managing Director, said: "When it comes to wiring, it's the smaller the better as far as our customers are concerned, so we are delighted to have invested in a new Komax Gamma 255 machine which excels at small wire handling. It can also carry out double side crimping with compelling process control and minimal changeover times, helping us maintain the high quality of our cable looms and harnesses. Not only has the Gamma 255 helped us double our capacity but it's also made future growth possible as we are able to satisfy customer demand."

So impressed is Convert with its new Gamma 255, it intends to buy another one – or even two more machines - in the not too distant future to supplement its Artos MTX-5 crimping machine which is currently used to process thicker wires.

Convert boasts some top industry names amongst its customers such as Wipac, Bibby Scientific Ltd, GKN Hybrid Power, Cubic Transportation and OEM Automatic Ltd, as well as leading luxury and sports car manufacturers.

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