



Nova MaX™



Nova MaX is a high performance measure and cut system for processing a wide range of wire and cable types and sizes, up to 15.6mm diameter (0.61"), used in the production of complex electrical wire harnesses for aerospace, defence, military vehicles, rail and other specialist applications.

From Spectrum Technologies - the global leader in laser wire processing systems

Why Choose Nova MaX™?

Simplicity

- MaX is not overloaded with superfluous features and functions – it has been simplified to do the task in hand to the highest possible standard.
- Colour coded wire guides have been included in the design to make wire loading simple and easy; saving time on set up when processing many wire types and ensuring accurate positioning of the wire/cable.

Uncompromised performance

- MaX can process a wide range of wire & cable types – up to 15.6mm (0.61”) outside diameter (OD) highly accurately, without the need for loading and unloading different wire guides and fixtures.
- The system’s wire length accuracy is greater than top competitor models at -0/+0.5% *without* additional tension control or powered pre-feeders.
- MaX has a powerful pneumatic shear that cuts through cables with high conductor densities that many other cable cutting machines cannot manage.
- MaX can pull from a standard reel, wire tree or floor standing barrel without slippage.

Cost-effectiveness

- “Wire Save Mode” for wire/cable above 3.8mm (0.15”) OD eliminates costly wire wastage at the start of each job.
- The powerful pneumatic shear ensures clean cutting and minimises deformation to wire ends reducing reject rates.
- Maintenance and installation –free system.

Flexibility

- MaX is PC controlled with Spectrum’s proprietary CAPRIS Nova programming software – meaning the system is networkable but also offers familiarity for owners of existing Spectrum wire marking equipment.
- Wire pull and acceleration is software variable for maintaining length accuracy and avoiding over-tensioning smaller gauge wires.
- MaX has potential for integrating a range of peripherals such as label printers, sleeve printers and a barcode reader, for a possible automated kitting facility.

Quality machines, built to last

- Spectrum Technologies equipment is synonymous with quality, reliability and durability – we still have numerous fully functional equipment in the field over 15 years’ old!
- We also guarantee full technical support of your machine for as long as its working life, as long as the parts are available.



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