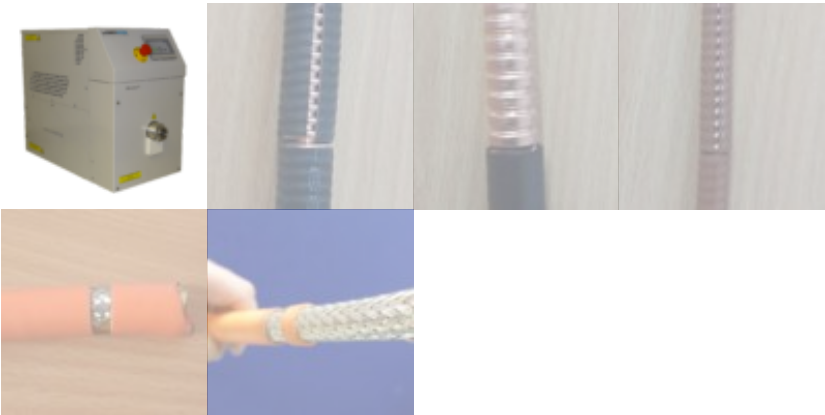


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Mercury-5



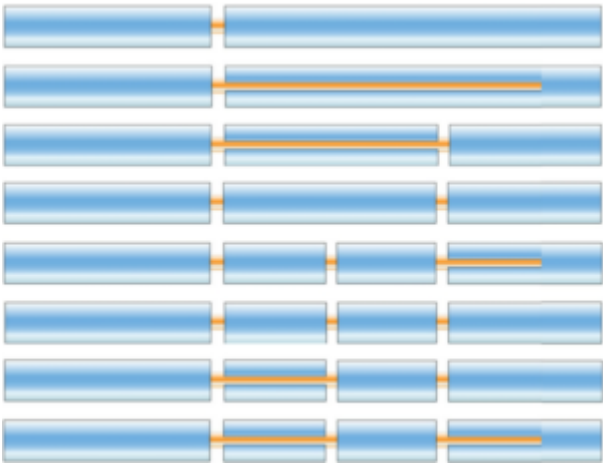
The Mercury-5 bench-top laser wire stripper identifies a gap in the market for an affordable laser method of stripping large gauge wires, especially outer jackets of high voltage cables. It also has the capability to strip longer lengths of wires/cables, up to 11" (280 mm). It grips, strips and releases the cable with a unique auto-focusing system that enables speed and repeatability.

- Compact size: can be placed on a bench and operated from a sitting position with space for other tools and parts
- Versatile: strips single conductor cables with outer diameters ranging between 0.24" (6 mm) and 0.79" (20 mm) and up to 11" (280 mm) strip length
- Reliable: proven laser source and optics
- Clean and precise: nick-free stripping with no damage to underlying conductor
- Flexible and fast: fast loading of single wires / cable with auto-focus to enable rapid change-over between wire sizes
- Automatic cable centralizer to ensure repeatability
- Ease of use: operator selects via touchscreen the desired stripping parameters.

+ APPLICATION

Strip Types

The Mercury-5 allows flexible wire stripping:



- cross-cut: laser separates the slug of insulation - operator pulls off as a second operation
- slit: laser makes a cross cut but also slits along the insulation to aid peeling off a long length (especially used for cable jackets)
- window: like a slit, but two cross cuts are made to allow a window section of insulation to be removed - used especially for accessing the shield of a cable for attaching to the shield
- two cross-cuts
- two cross-cuts with a slit
- three cross-cuts
- window and a cross-cut
- two windows

Materials

All the Mercury systems are capable of stripping polymer insulations. All polymer insulations can be cut with the laser. The amount of melt, vaporization or chemical decomposition depends on the exact polymers used. Below is a non-exhaustive list of materials that can be stripped:

- Fluoropolymers, such as PTFE, ETFE, PFA
- Polyethylene
- Nylons
- Silicone
- PVC
- Rubber
- Mylar
- Fiberglass
- Polyurethane
- Polyester

+ SPECS

Min. Outer Cable Diameter	6 mm (0.24") - smaller wires down to 2 mm (0.08") can be accommodated, but will require a custom wire guide.
Max. Outer Cable Diameter	20 mm (0.79")
Stripping Length Increments	0.1 mm (0.004")
Strip types	Cross-cuts, slits and windows
Max. Stripping Length	280 mm (11")
Min cable length	Max required axial stripping length + 200 mm
Speed	Up to 100 mm/s (3.94"/s)

Cable Loading	Via hand through a single cable port
Dimensions (L x W x H)	650 mm x 350 mm x 580 mm (25.5" x 14" x 23")

Enquiries and Sales

To find out more about the Mercury-5 Wire Stripping Machine or your exact requirements, please get in touch with one of our experts today.

CALL US ON: +44(0) 144 384 1738

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