

Mercury-9

The World's First Inline Large Gauge Laser Wire Stripper



Automotive Cables



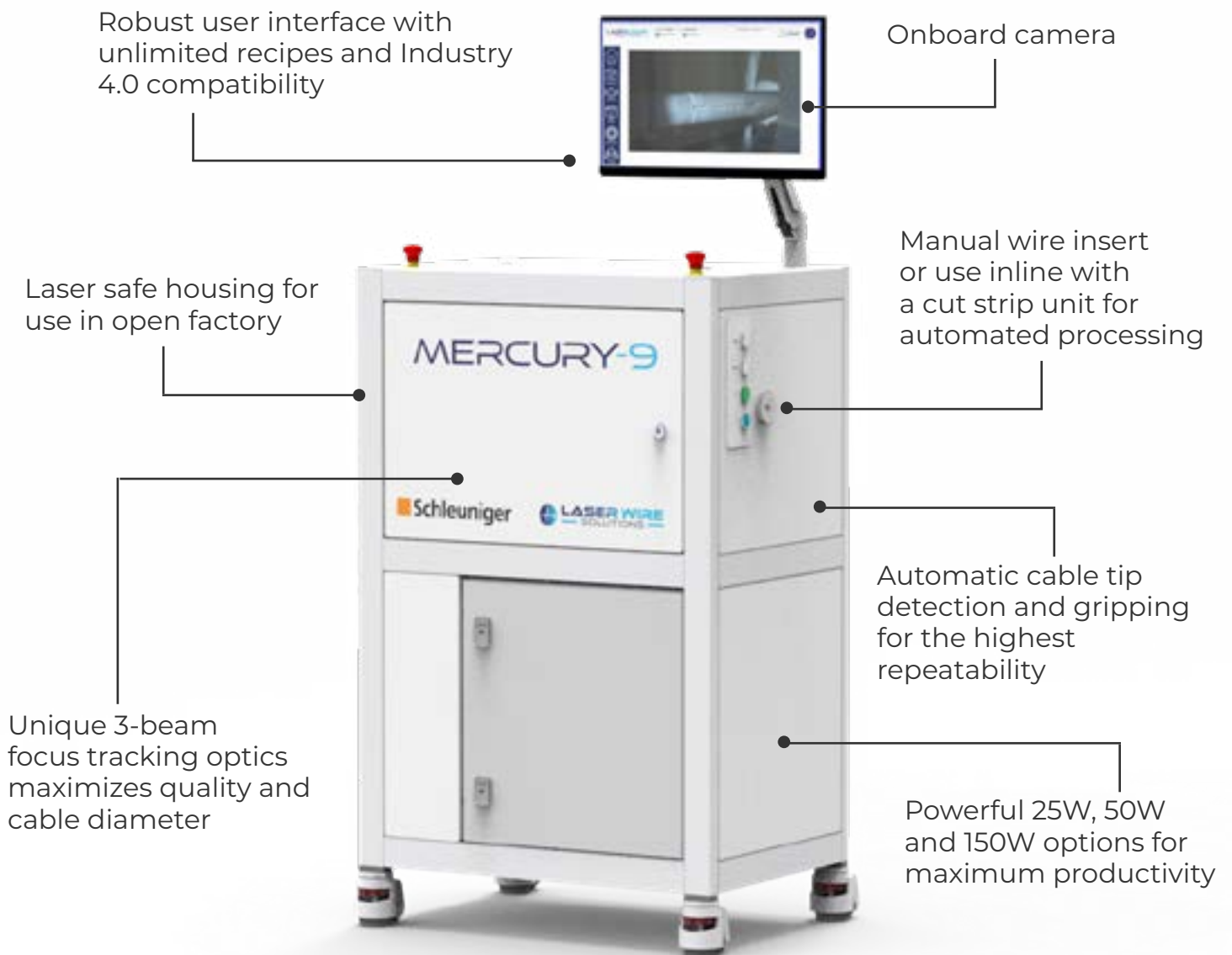
Aerospace Cables



Shielded Cables

Flexible & Efficient:

Highest Return on Investment in the Market



- **Flexible:** Automated laser wire stripping inline with standard cut-strip equipment or use stand-alone with discrete cable pieces.
- **Powerful:** Up to 150W laser option for fastest throughput.
- **Productive:** Up to 1.5" (40 mm) cable diameter, up to 12" (300 mm) strip length.
- **Precise:** Laser precision with no nicks or scrapes.

Laser wire stripping has established itself as a vital tool for the creation of critical wire connections. Laser Wire Solution's Mercury-4 system is the industry standard with over **600 units sold worldwide**.

The Mercury-9 fills an important gap in the market, enabling the automated stripping of larger wire and cable **up to 1.5" / 40 mm** in diameter and strip lengths of **up to 12" / 300 mm**.

This flexible tool can be used inline with a mechanical cut/strip system to laser strip and cut cables automatically. It can also be used with cut wire pieces to process the ends manually.

This **powerful and versatile** tool is a must have for any state of the art wire shop.



Industry Leading Performance

Mercury-9 Technical Specifications	
Suitable Materials	All polymer insulations including PVC
Laser Options	25W, 50W and 150W carbon dioxide laser options
Optics Configuration	Patent Pending Three beam system with focus tracking to achieve the highest quality strip on the largest cables
Processing Speed	Up to 4 "/s (100 mm/s) depending on material and laser power
Processing Length	Up to 12" (300mm). Longer lengths can be achieved inline by stitching strips together
Minimum Cable Length	6" (150mm)
Maximum Wire Diameter	< 1.5" (40 mm)
Interface	24-inch color touchscreen display
Noise Level	~65 dB (A)
Dimensions (LxWxH)	800 x 550 x 1400 mm
Power Supply	230V, 10A or 115V, 20A. Single phase supply
Safety	Class 1 laser system – safe to use on the factory floor without safety goggles. Category 3 safety related control system CE marking and CDRH compliant UL marking on request
Environment	59 - 95°F (15 - 35°C)
Extraction	Required to ensure safety and optimum performance. PVC requires a PVC specific extractor. Maximum 180 m3/hour air flow, Pre-filter (F6 as per ISO 16890, HEPA / Carbon filter
Weight	440 lbs (200 kg)
Important Notes	Laser Wire Solutions recommends producing a small sample of wire or cable for testing to ensure processing suitability. We will then provide a sample report with our findings.

**Technical specifications subject to change.*

As an industry leader in automated wire processing, Laser Wire Solutions delivers cutting-edge solutions to customers around the world.

Our comprehensive portfolio includes top-quality laser wire processing machinery with intelligent software, ensuring safe, flexible, and efficient processes. Our global sales and service network supports customers in maximizing their investments.

For queries contact sales@laserwiresolutions.com

