



Product Sheet

Eastman L135 single-layer laser cutting machine

Category: Cutting machines

Eastman L135 – Laser Cutting with Unmatched Precision

The Eastman L135 is a high-precision laser cutting machine that cuts and seals material edges simultaneously, eliminating fraying and the need for post-processing. The L135 can be easily mounted on an existing conveyor or static single-layer cutting machine, allowing you to quickly switch from traditional cutting to laser cutting.

- Cuts and seals simultaneously – Eliminates fraying and reduces the need for post-processing.
- High adaptability – Can be mounted on conveyor and static cutting machines.
- Non-contact precision – Gas-assisted laser reduces wrinkling and material deformation during cutting.

Product description

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The powerful Class 4 CO₂ laser, equipped with gas assistance, enables detailed cuts without physical contact, reducing the risk of material wrinkling or pulling. With speeds ranging from 1.3 cm/sec to 76 cm/sec (depending on material thickness), the L135 offers outstanding efficiency and precision.

Thanks to its advanced design, the L135 is the perfect solution for textile production, technical textiles and composite materials.

Description

- **Cuts and seals simultaneously** – Eliminates fraying and reduces the need for post-processing.
- **High adaptability** – Can be mounted on conveyor and static cutting machines.
- **Non-contact precision** – Gas-assisted laser reduces wrinkling and material deformation during cutting.
- **Flexible and powerful** – Available in various configurations from **50W up to 120W**, depending on requirements.
- **Ideal for industrial applications** – Handles advanced materials such as **Kevlar®, Cordura®, Sunbrella®, ripstop nylon and sailcloth**.

Technical Specification

Machine Specifications

Laser type:	CO class 4
Laser power	50W, 60W, 80W, 100W, 120W
Focus area	±2 mm
Speed	1.3 cm/sec – 76 cm/sec (depending on material)
Cutting width	0.27 mm
Cutting width	Adjustable from 137 cm to 320 cm
Laser cooling	Fan-based
Gas assistance	Compressed air is recommended
Safety features	• Laser activation indicators (green, yellow, red) • Multiple emergency stop buttons • Key-operated laser interlock system