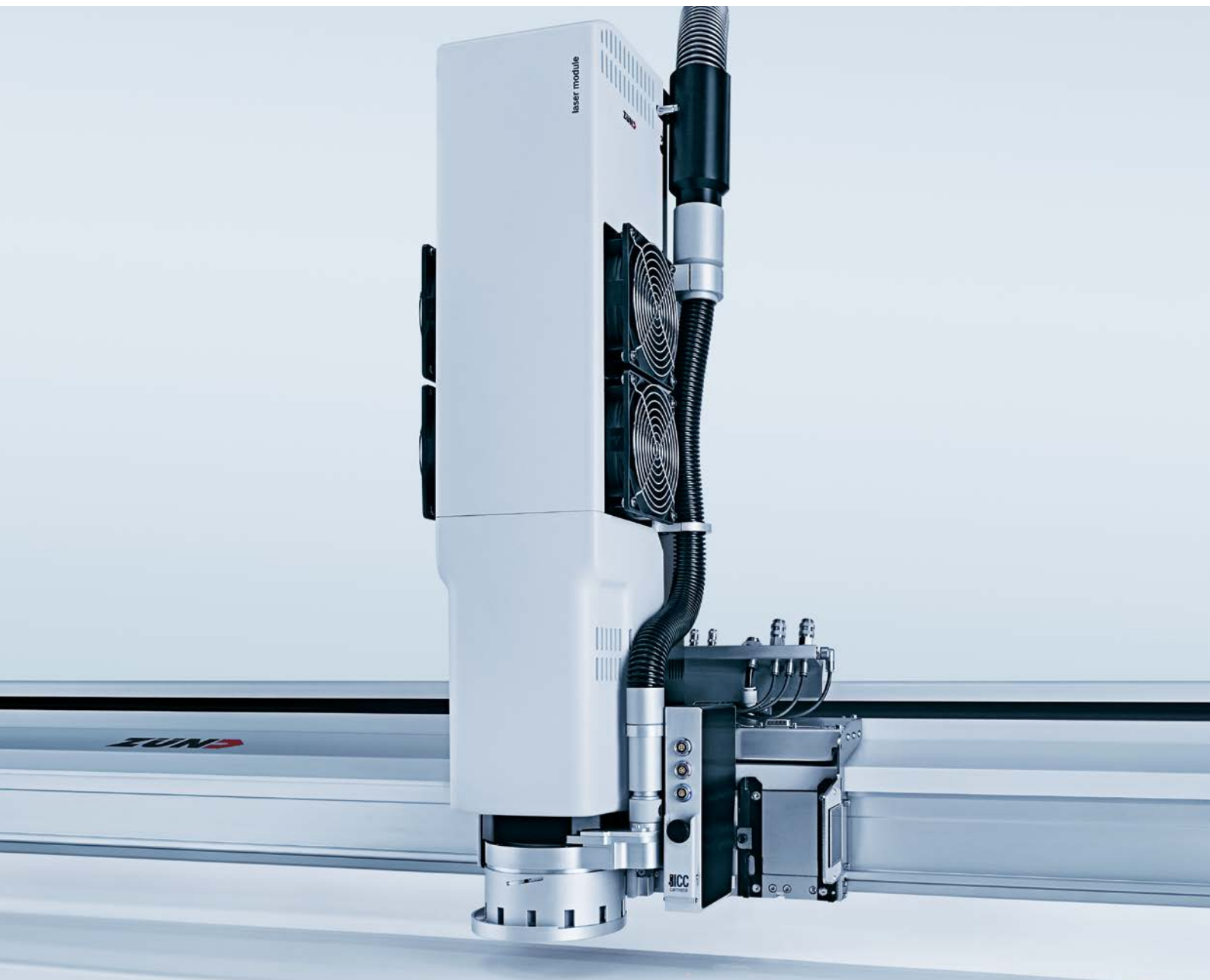


Technical overview

Laser Module – LM 100W



Your first choice in digital cutting.

Cut & seal

Perfect cuts, sealed edges, one process

Soft signage is an extremely versatile medium for POP/POS applications and is making inroads into many areas previously dominated by paper, PVC or others. For polyester fabric applications, Zünd has developed the Laser Module – LM 100W which cuts and seals the edges – all in the same process.

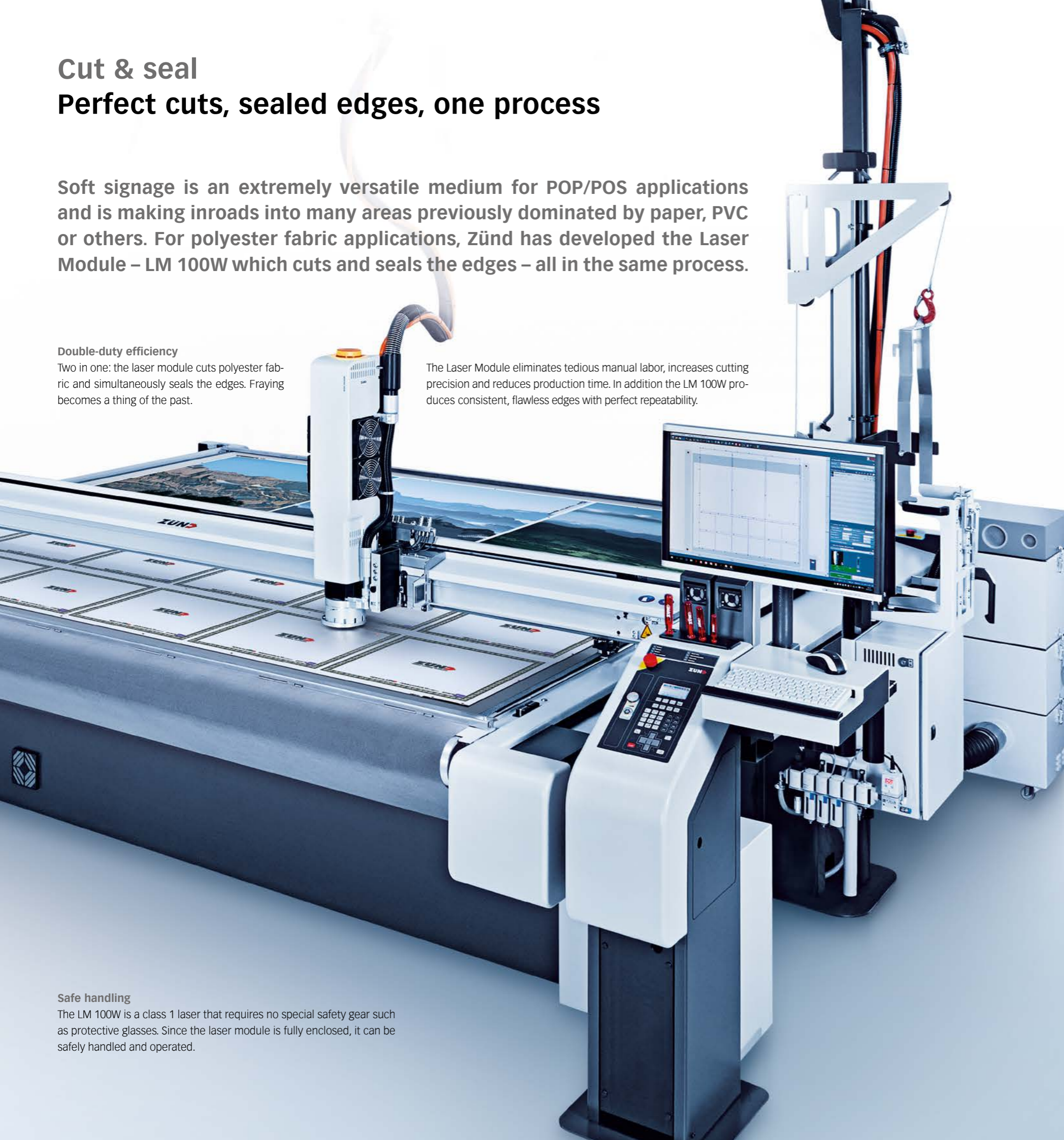
Double-duty efficiency

Two in one: the laser module cuts polyester fabric and simultaneously seals the edges. Fraying becomes a thing of the past.

The Laser Module eliminates tedious manual labor, increases cutting precision and reduces production time. In addition the LM 100W produces consistent, flawless edges with perfect repeatability.

Safe handling

The LM 100W is a class 1 laser that requires no special safety gear such as protective glasses. Since the laser module is fully enclosed, it can be safely handled and operated.

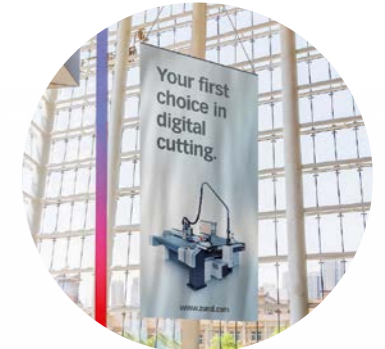


Multi-functional and flexible

Polyester fabrics have become a widely used substrate for soft signage. Now you can expand your value chain with the added capabilities of the Laser Module – LM 100W. The modular design characteristic of Zünd tooling will give you everything you need to set yourself apart from the competition. In a few simple steps, your Zünd cutting system converts to a full-blown laser cutter.



Roll-ups



Hanging/stretched banners



Backlit graphics



Flags



POP/POS displays



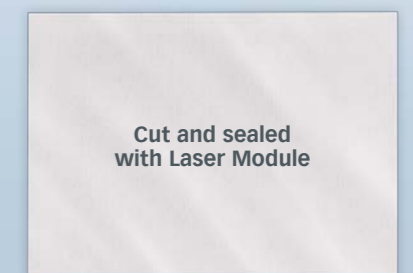
Exhibits

Quality

The process of cutting with a laser effectively seals the edges. Fraying fabric edges become a thing of the past. Compared to manual cutting with a hot knife or ultrasonic tool, digital laser cutting excels in both cut quality and precision.



Cut with conventional blade



Cut and sealed with Laser Module

Technical data



Laser Module LM 100W

Laser type	CO ₂
Laser wattage	100 W
Laser class	1
Cutting speed	max. 745 mm/s (30"/sec)
Material thickness	max. 2 mm
Recommended materials	Polyester fabrics
Available for Cutter series	G3

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