

# Technical overview

## Laser Module – LM 100W



Your first choice in digital cutting.

# Cut & seal

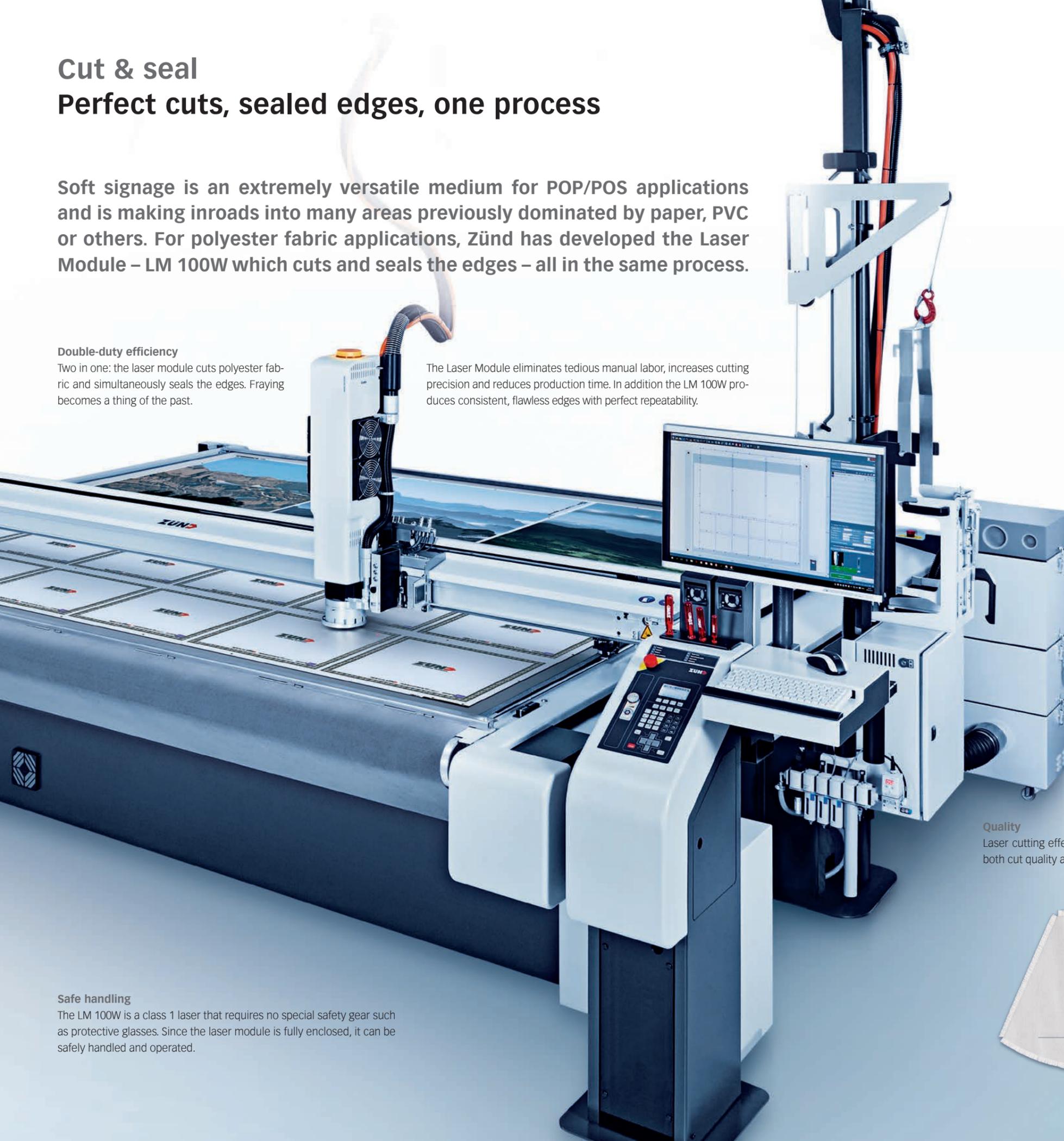
## Perfect cuts, sealed edges, one process

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.



### 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



POP/POS displays



Exhibits



Awnings/sun shades



Flags

### Quality

Laser cutting effectively seals the edges, and fraying becomes a thing of the past. The LM 100W laser module excels in both cut quality and accuracy and is ideally suited for precision contour cuts even with intricate details.

### 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.



cut with rotary blade



cut and sealed with Laser Module

# Technical data



**Laser Module LM 100W**

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

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