

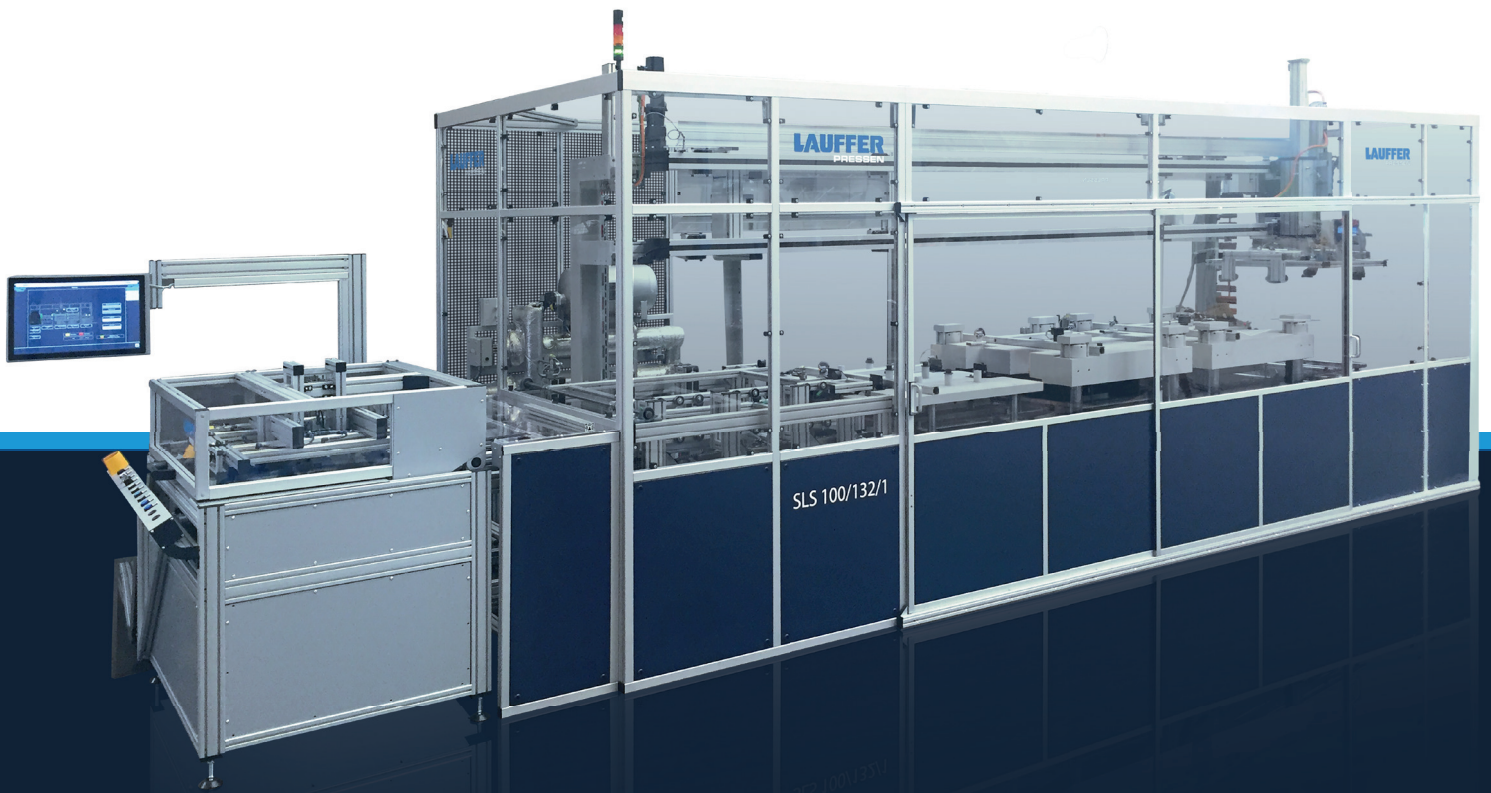
NEW

SLS

The new generation of Card & ID Lamination



Laminating Technology
Plastic Processing & Encapsulation Technology
Metalforming Technology
Powder Technology
Services



Forming your ideas

LAUFFER
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The new Lauffer SLS Lamination System

The new SLS lamination system offers universal production solutions for small batch sizes and flexible production demands. Whether you decide to opt for single sheet quick cycle lamination or conventional lamination book build-ups – the SLS system combines proven process technologies for flexible production demands and continuous quality control for high-end quality lamination.

System Features



Hybrid heating technology

Electrical heating in the pre-heating press with temperatures of up to 180°C and thermal oil heating in the hot-press with process temperatures of up to 250°C.



Pressure regulation

Continuous pressure regulation within the complete pressure range ($\geq 1\%$) in both, the heating and the cooling press. Accurate repeatability of $\pm 0,5$ bar.



System options

- » Automatic loading and unloading of collated sheets and laminated products
- » Optional vacuum system for the hot-press

Technical Data

SLS	
Platen size	700 x 580 mm
Max. laminate size / panel size	650 x 530 mm
Daylight	80 mm

	Pre Heating Press	Heating Press	Cooling Press
Max. press force	50 kN	1.320 kN	1.320 kN
Max. press force on max. panel size	14,5 N/cm ²	383 N/cm ²	383 N/cm ²
Press force range	5 – 50 kN	40 – 1.320 kN	40 – 1.320 kN
Max. operating temperature	180 °C	250 °C	20 °C

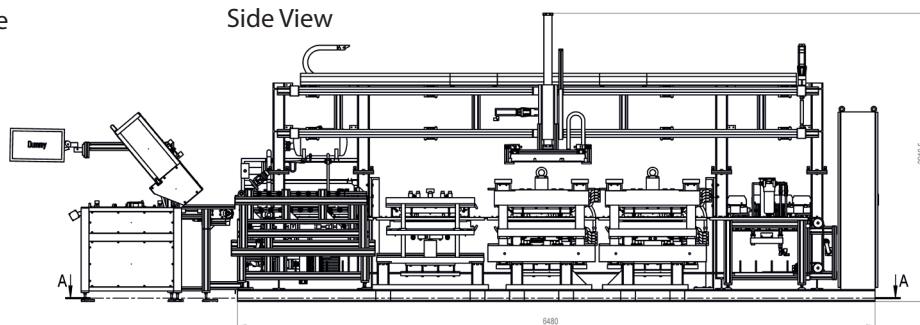
Design and dimensions might be subject to change

Possible System Layout

The Lauffer SLS system offers a wide range of customized solutions for automation.

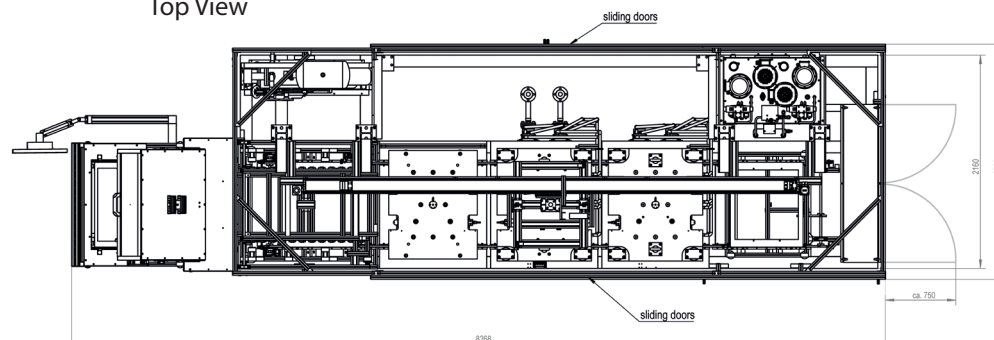
SLS

Side View



SLS

Top View



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