

Forming your ideas

For over 150 years, LAUFFER has proven that consistent quality and extensive process knowledge prevail in the market. Today, we are among the leading manufacturers of hydraulic presses and equipment in the fields of laminating and composite technology, plastic and encapsulation technology, forming technology and powder technology. With over 280 dedicated employees, we develop solutions to build presses, making our customers successful worldwide. We are dealing with the thoughts and ideas of our customers and provide solutions for their tasks. Therefore, we are always a reliable partner. We build presses with progress and tradition.

- » Laminating Technology
- » Plastic Processing Technology
- » Encapsulation Technology
- » Forming Technology
- » Powder Technology
- » Services

L012 - Stand 09/2024

Fully automatic ID Production Cell based on LCL



SLS Series



LC Series



Short Cycle Systems



LCL Series



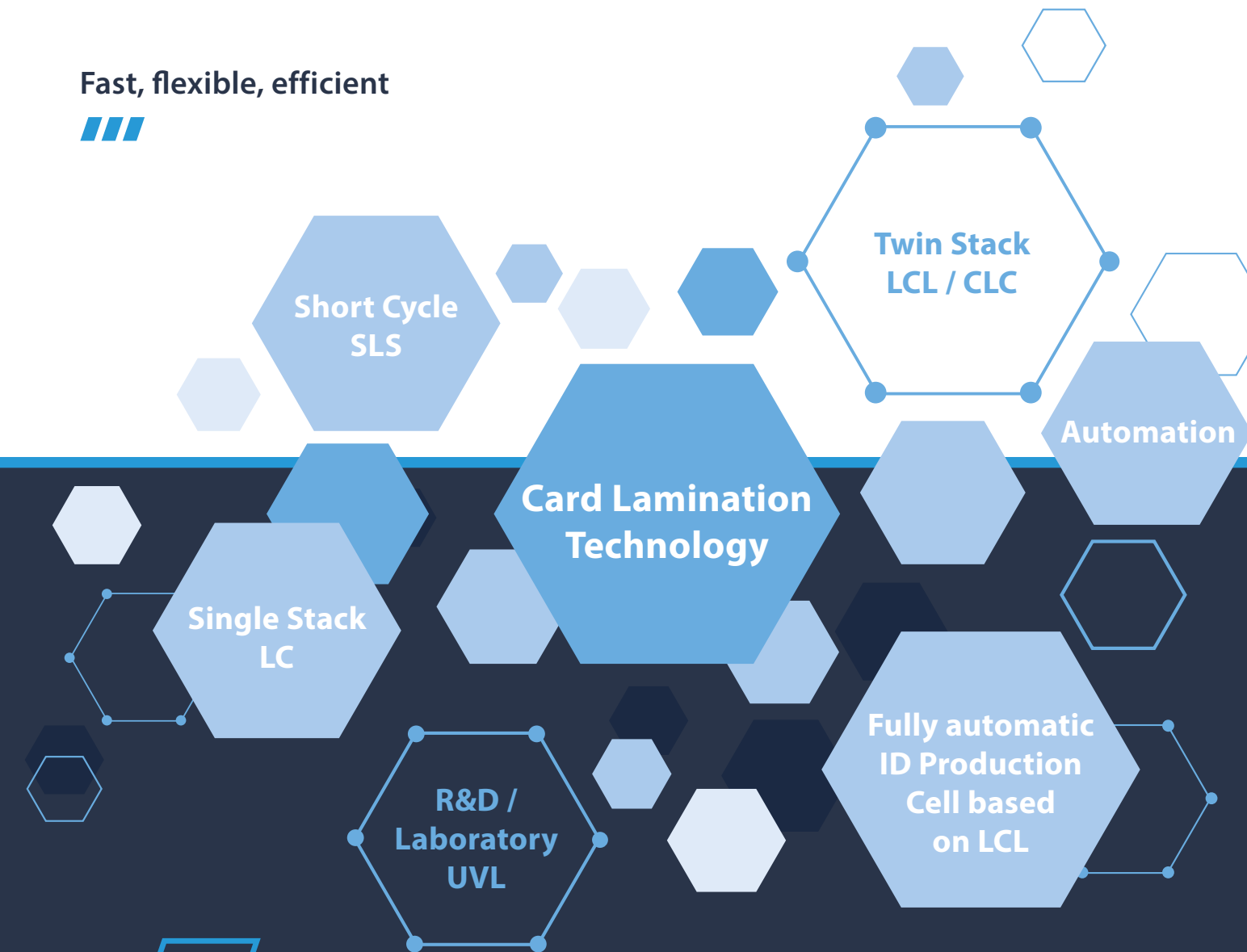
Single Stack Systems

Twin Stack Systems

Lamination Solutions for ID & Smart Card

The smart choice for your production

Fast, flexible, efficient



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FORMING YOUR IDEAS

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LAUFFER PRESSEN

LAUFFER Lamination Technology Portfolio

Multi-Sheet Lamination System

Single Stack Type LC

Lamination press used for heating and cooling process.
Available as manual, semi-automated and fully automated system.

Twin Stack Lamination System

Type LCL / CLC Twin Stack

Available as semi-automated and fully automated system. Heating and cooling press with fully automatic tooling transfer.

Single Sheet Lamination System

Type SLS

Universal production solutions for single sheet quick cycle lamination or conventional book build-ups.

R&D – Laboratory and Small Batch Production Press System

Type UVL

Thermo-oil and electrically heated press for diverse materials and material combinations.

Automation Solutions

Customer specified solution.

UVL Series



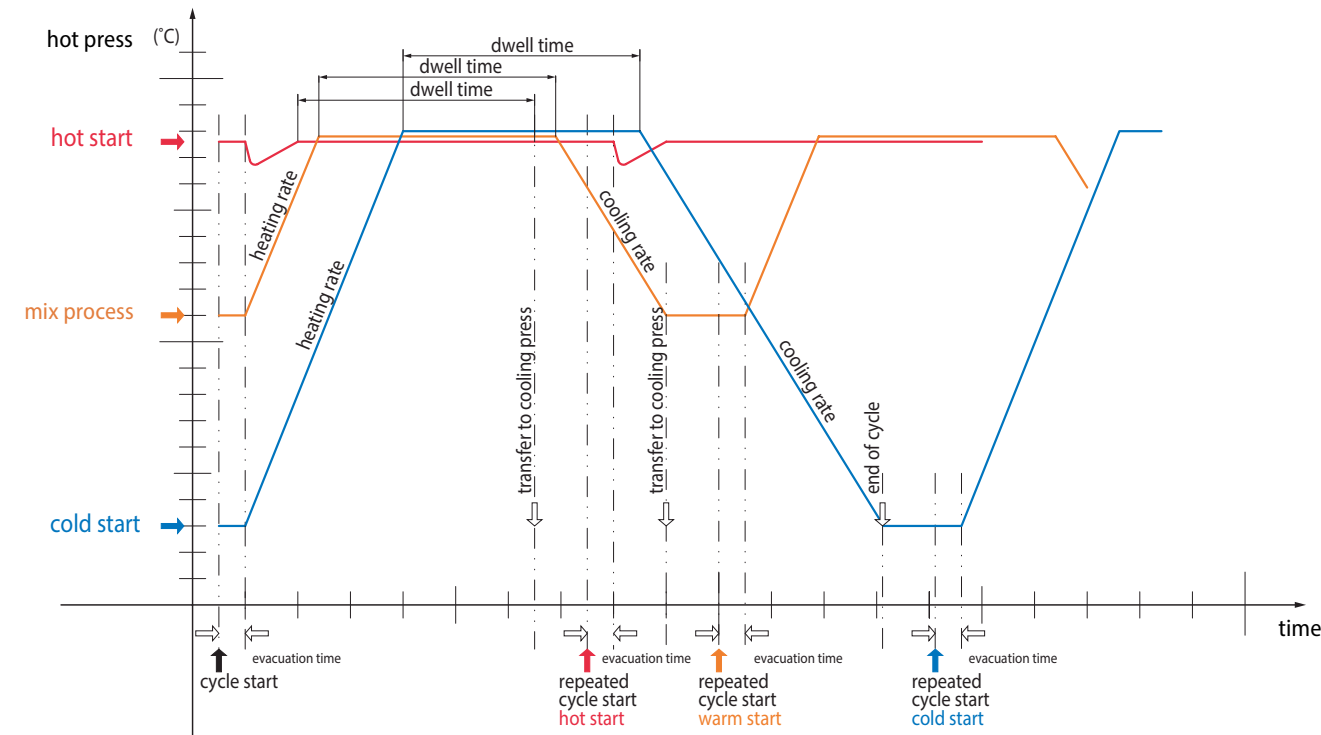
R&D / Laboratory Systems

CLC Series



Twin Stack Systems

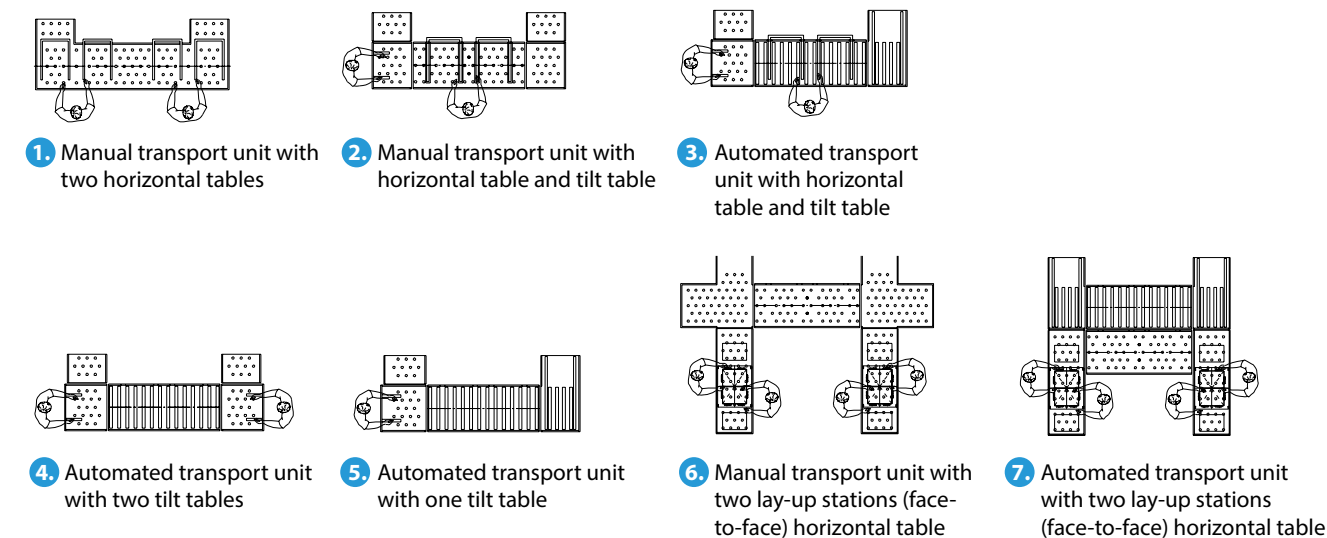
Hot & Cold Lamination Heating Press Processes



Optional System Features

1. Fully automated storage tower for cassette & product management. Extensions and retrofit possible at any time.
2. Vacuum function to eliminate entrapped air and moisture. The vacuum function protects against convection heat and conserves energy.
3. Weight compensation guarantees same imposed load in every opening.
4. Hardened steel cassettes with any possible bracket configuration.
5. Connection to customer MES Systems.
6. Different handling options.

Different Handling Options for LCL / CLC Systems



Different Sheet Sizes & Lamination Solutions

	LAUFFER UVL	LAUFFER SLS	LAUFFER LC, LCL and CLC	
Press Configuration	Single Stack	Triple Stack	Single or Twin Stack	
Typical Pressure Ranges in Hot and / or Cold Press	5 – 100 tons	132 tons	125 up to 200 tons	
Openings per Press	1 – 2	1	1 – 12	
Heating / Cooling Platen Size in mm	580 x 610	700 x 580	750 x 580	660 x 800
			750 x 1070	750 x 1270
Heating / Cooling Platen Size in inch	22,8 x 24	27,5 x 22,8	27,5 x 22,8	25,9 x 31,5
			27,5 x 42,1	27,5 x 50
Lamination Size in mm	550 x 580	650 x 530	720 x 550	630 x 770
			720 x 1049	720 x 1240
Lamination Size in inch	21,7 x 22,8	25,6 x 20,9	28,3 x 21,7	24,8 x 30,3
			28,3 x 40,9	28,3 x 48,8
Typical DIN A Formats	A3	A2	A2	A2
			A1	A0
Typical ID-1 Formats	4 x 5	2 x 3 x 8	2 x 3 x 8	2 x 3 x 10
			4 x 3 x 8	2 x 4 x 10
Typical ID-3 Formats	2 x 4	5 x 4	4 x 4	4 x 4
			5 x 4	2 x 4 x 4

* Other configurations upon request

Fully automatic ID Production System based on LCL



Video clip // Fully automatic ID Production Cell based on LCL



www.youtube.com/@LAUFFERPRESSEN