

UVKO



OVK-SH



LHMS



Products



LAUFFER Pressen

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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 250 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
- » Encapsulation Technology
- » Metalforming Technology
- » Powder Technology
- » Technical Services

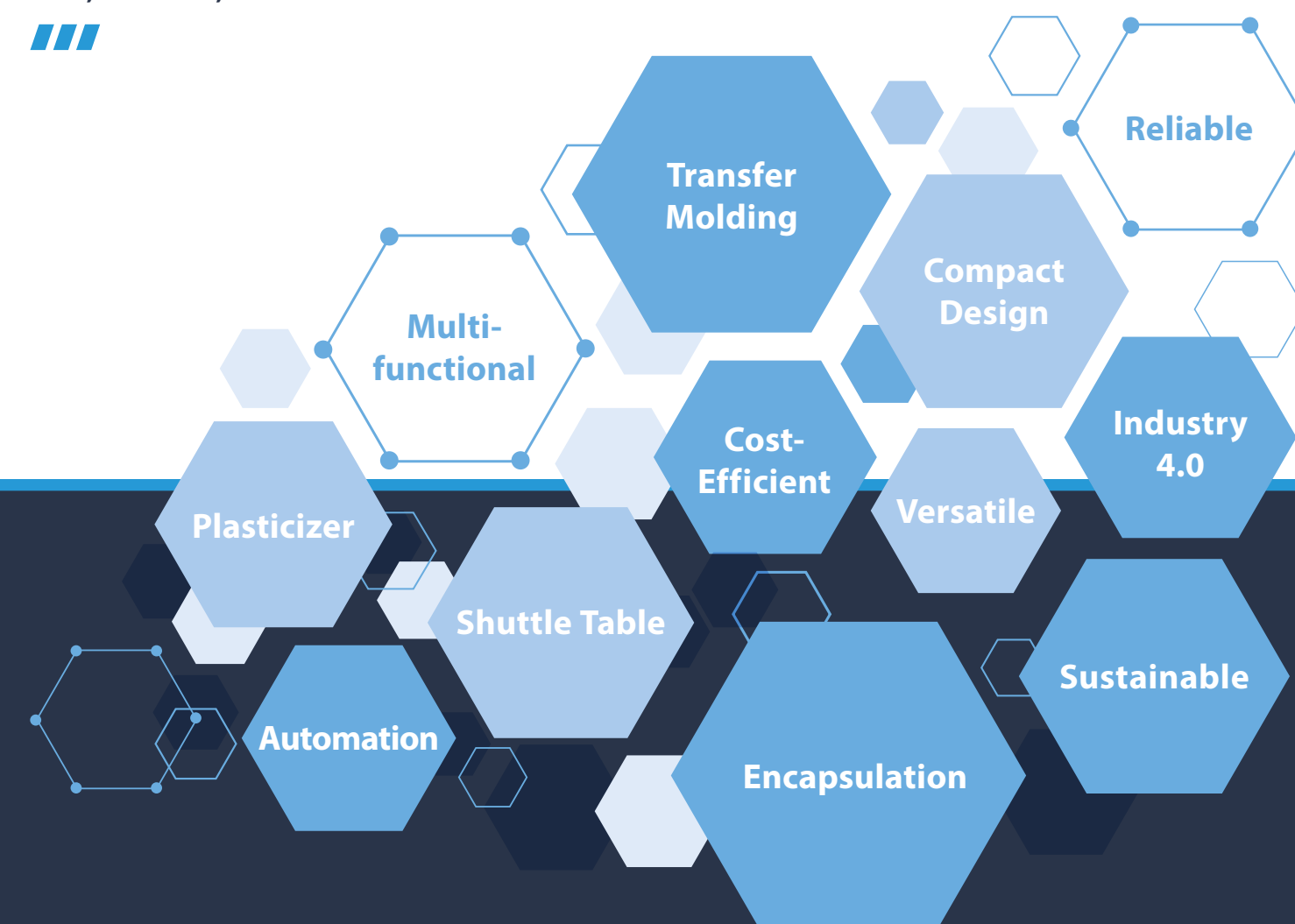
KU007 - Stand 08/2026

Laminating Technology
Plastic Processing
Encapsulation Technology
Metalforming Technology
Powder Technology
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LAUFFER Encapsulation Technology

Process Solutions for Transfer Molding

fast, flexible, efficient



Maschinenfabrik LAUFFER GmbH & Co. KG
Industriestr. 101, 72160 Horb, Germany
T +49 (0)7451 902-0 F +49 (0)7451 902-100
E lauffer.pressen@lauffer.de

f in y o
www.lauffer.de



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LAUFFER Transfer Molding Presses UVKO

LAUFFER oilhydraulic transfer molding presses provide precise and process-reliable processing of thermosetting materials such as epoxy resins and BMC. They are suitable for series production and prototype manufacturing in the automotive, electrical and medical industries.

Operating Principle

In the transfer molding process, the material is injected into a closed mold via a transfer plunger. The LAUFFER control system monitors all process parameters and enables uniform mold filling with reduced air entrapment, material loss and injection pressure. Preheating and plasticizing systems support process optimization.

The SIEMENS-based LAUFFER control system ensures reproducible processes, user-friendly operation and seamless integration into modern production lines.

Parameters		UVKO 25	UVKO 50	UVKO 100	UVKO 175	UVKO 250
Clamping force	kN	250	500	1000	1750	2500
	US tons	28	55	110	190	275
Transfer force	kN	30	90		90	90
	US tons	3.3	9.9		9.9	9.9
Clamp stroke	mm	350	400	320	400	320
Transfer piston stroke	mm	225	300			
Daylight	mm	670	850	750	800	750
Mold mounting area	mm	480 / 490	580 / 590	700 / 700	810 / 800	780 / 960
Passage between columns	mm	500 / 320	600 / 400	760 / 460	840 / 520	840 / 640
Table height	mm	1020	900	1080	1140	1130
Total height	mm	2650	3000	3000	3390	3120
Total width	mm	1500	1000	1230	1400	
Total depth	mm	1430	1850	1960	1970	2160
Motor size	kVA	3		7.5	15	
Heating power	kVA	17.6			26.4	
Oil filling	l	130	80	120	230	220
Machine weight	kg	1700	3500	5400	8000	9300

OVK-SH Shuttle Table Press

Transfer molding press with shuttle table for the encapsulation of inserts, solenoid coils, electrical components, and assemblies using low-pressure molding compounds such as epoxy resins and BMC. Two alternating lower mold halves allow loading and unloading of one mold while the other is in the transfer and curing cycle.

Model		OVK-SH 100
Clamping force	kN	1000
	US tons	110
Transfer force	kN	140
	US tons	15.4
Clamp stroke	mm	320
Transfer piston	mm	450
Shuttle table stroke	mm	650
Ejector force	kN	100
Ejector stroke	mm	175
Daylight	mm	1140
Passage between columns	mm	412/732
Table height	mm	704
Total height	mm	4000
Total width	mm	2450
Total depth	mm	2530
Oil filling	l	240
Machine weight	kg	7500

Subject to technical changes.
Other sizes upon request.

LHMS 28 Semi-Automatic Molding System

The LHMS 28 has been designed for laboratory use, prototype production and small to medium batch sizes. Electromechanical drives ensure energy-efficient, low-noise and compact operation.

The LAUFFER control system, equipped with recipe management, enables precise identification and implementation of parameters specific to each product. The modular mold concept allows fast mold changes and transfer of validated process data.

Optional features include semi-automatic pellet feeding and a dual-strip version.

Main features:

- Programmable clamping force and process parameters
- Electromechanical bottom transfer unit
- SIEMENS Simatic S7 control with recipe management
- Fully-graphic user interface and USB interface
- Water-cooled mold mounting platens
- Quick mold change concept

Model		LHMS 28
Clamping force	kN	280
	US tons	31
Transfer force	kN	10
	US tons	1.1
Clamp stroke	mm	110
Transfer piston stroke	mm	45
Daylight	mm	326
Passage between columns	mm	440 / 180
Table height	mm	1040
Total height	mm	1970
Total width	mm	1300
Total depth	mm	890
Heating Power	kVA	13
Machine weight	kg	1700

