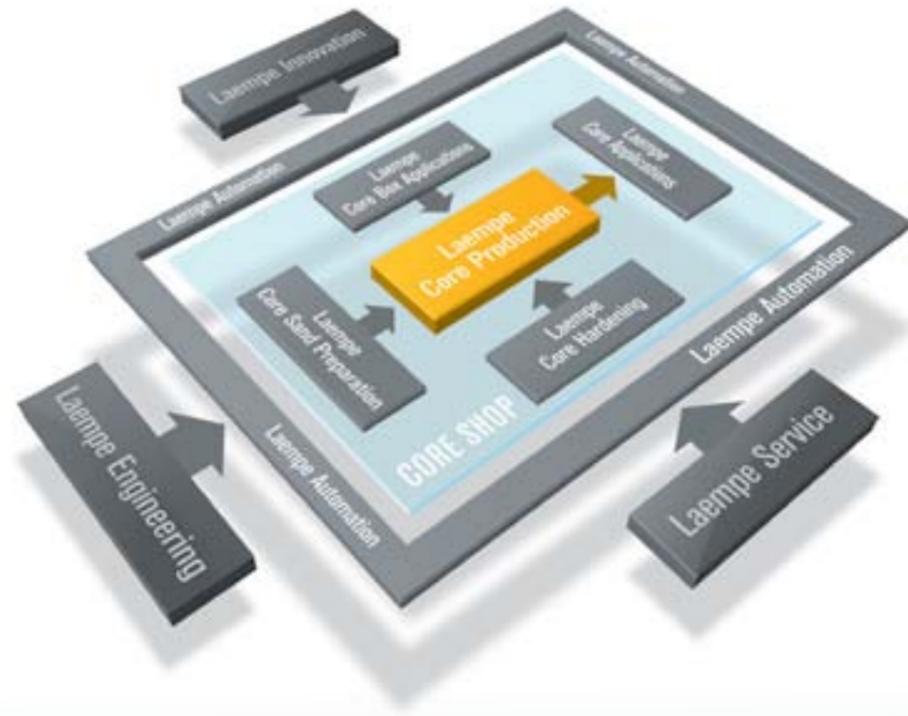


**LAEMPE TURNKEY SOLUTIONS**  
FOR THE INNOVATIVE CORE SHOP



**All about the LFB series automatic core shooters**

Thanks to a combination of further innovative solutions, the LFB machine series enables highly modern core production: **Laempe CoreSand Preparation** for sand preparation and supply, **Laempe CoreApplications** for subsequent core treatment and assembly, and **Laempe Automation** for automation solutions. Our efficient service offering ensures high machine availability during daily production.



**LFB**

**KEEPING IT ACCURATE**  
The LFB core shooter series

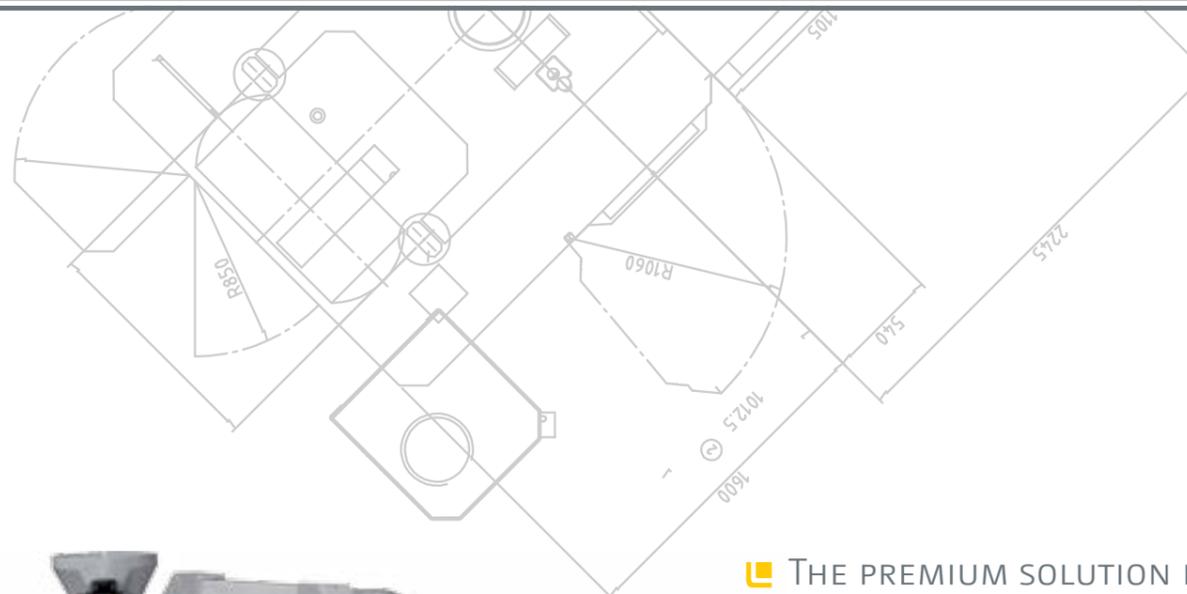
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**Solution expertise from a strong partner**  
Laempe & Mössner GmbH is a global leader in core shop technology for the casting industry. As an innovative developer of complete solutions, Laempe & Mössner offers a comprehensive range of core shooters, gassing devices, sand mixers, sand preparation systems, and subsequent core treatment solutions in addition to solutions for the automation, networking, and intelligent control of core shops. The incorporation of Hottinger and Röperwerk in 2009 allowed us to acquire top-quality know-how and expertise developed on the basis of more than 15,000 delivered systems. Our sales offices and network of around 25 sales partners and representatives ensure high-quality, competent support for our customers all around the world.

**THE LFB CORE SHOOTER SERIES**

**HIGH PERFORMANCE: GREAT PRODUCT QUALITY WITH 24-HOUR CONTINUOUS OPERATION**



**OUR HIGH-PERFORMANCE SOLUTION FOR LARGE QUANTITIES**

Performance meets precision - the LFB machine series combines excellent product quality and high machine availability for 24/7 continuous operation. Thanks to the 4-post table guide and the two off-center lifting cylinders, the best possible precision can be achieved. The modular system enables the custom combination of powerful components: automatic tool changing, position sensor, injection pressure settings, and tool weight etc. This series impresses users with its low maintenance requirements.



**Automotive companies and jobbing foundries**

The many customers who place their trust in the LFB series include major automotive groups and their suppliers as well as jobbing foundries.



**THE PREMIUM SOLUTION FOR SEMI-AUTOMATIC AND FULLY AUTOMATIC CORE PRODUCTION**

- For hot or cold core hardening processes
- Shoot volume of 25 to 200 litres
- Single or multiple blows
- Suitable for processing tools with up to 6 parts
- Automatic tool change
- Gas hood with integrated ejection plate
- Progressive central lubrication
- User friendly control system with automatic fault diagnostics

LET US CREATE A TAILORED PACKAGE TO MEET YOUR SPECIAL REQUIREMENTS

Choose the best product variant for you

LFB series automatic core shooter	LFB25	LFB50
Shooting volume (Liter)	25-40	50-200
Maximum shooting area (mm)	700 x 650	1.000 x 1.400
Standard shooting area (Diameter mm)	500 x 500	900 x 900
Cycle times (without gassing, shooting, and venting) (seconds)	17	19
Tool height (mm)	375 - 800	575 - 900
Vertical parted tool width (mm)	200 - 600	300 - 1.000
Horizontal parted tool width (mm)	200 - 1.150	300 - 1.550
Tool depth (mm)	300 - 1.000	300 - 1.600
Maximum tool weight (kg)	1.800	5.000

(Guideline values - subject to technical changes)

For tools with up to 6 parts

