

LiFLEX IV 244

FOUR-SPINDLE MACHINE

**OPTIMIZED FOR
SMALL HIGH-
PRECISION
COMPONENTS
IN LARGE
QUANTITIES**



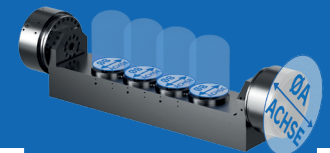
LiCON stands for precise machining and cost-effective production. The LiFLEX IV 244 is the smallest four-spindle machine in the range and, with optional i-technology and independent Z-axis, enables minimum tolerances with high output and flexibility.

With a spindle distance of 225 mm and a interference cube of Ø 765 mm (A-axis) and Ø 224 mm (B-axis), it is optimally designed for machining small, high-precision parts. Its compact design reduces space requirements while maintaining high performance.

Interference cubes

A-axis: 765 mm

B-axis: 224 mm

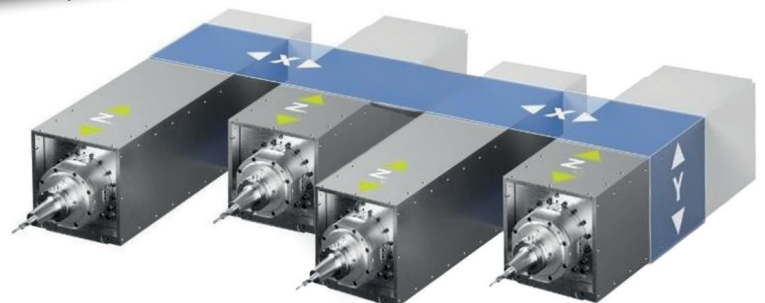


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INFORMATION:



TECHNOLOGY

This optional technology with independent Z-axis offers maximum positioning accuracy. All four spindles can be selected and deselected individually. This makes it the ideal solution for challenges involving tool correction.



MACHINING CENTERS
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LiCON MT
modular machining centers

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Technical data	LiFLEX IV 244	Unit
Axis	4 / 5	
Base execution i technology option	block design independent Z-axis	
Spindle distance	225	mm
Spindle torque	100	Nm
Spindle speed	12,000	U/min
Strokes X / Y / Z	225 / 470 / 420	mm
Measurement system	directly, absolutely (with airsealing)	
Position tolerance X / Y / Z	0.008	mm
Spindle HSK-A	63	
Tool magazine places	80 / 120	
Tool change	pick-up	
Tool change time	1.2	s
Chip to chip time (VDI 2852)	4.0	s
Loading options	direct loading / double trunnion	
Double trunnion time	6	s
Acceleration X / Y / Z	6 / 6 / 9	m/s ²
Rapid feed X / Y / Z	40 / 75 / 70	m/min
Max. feed force X / Y / Z	20 / 13 / 4 x 5	kN
Process lubrication	dry / coolant / MQL	
Interference cubes A- / B-axis (DL)	765 / 224	mm
Interference cubes A- / B-axis (DT)	600 / 224	mm
Dimensions w / d / h (DL)	3.4 / 4.5 / 3.4	m
Dimensions w / d / h (DT)	3.4 / 5.5 / 3.4	m

Highlights

- Four-spindle machine with four independent Z-axis
- All axis can be selected and deselected individually
- Outstanding tolerances
- Low space requirements
- Optimizable machining with **LAVA**
- Optional turnkey automation

Further specifications on request. We reserve the right to make technical changes without prior notice.

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