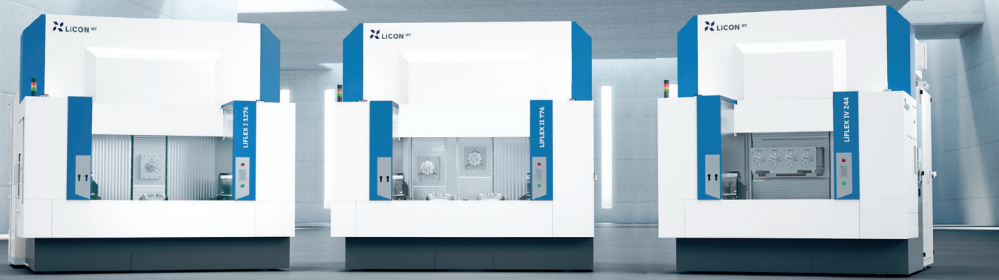


LiFLEX IV 244

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 8.858 in and interference cube of $\varnothing$ 30.118 in (A-axis) and $\varnothing$ 8.818 in (B-axis), it is optimally designed for machining small, high-precision parts. Its compact design reduces space requirements while maintaining high performance.

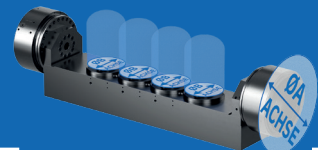


**VISIT US FOR MORE
INFORMATION:**



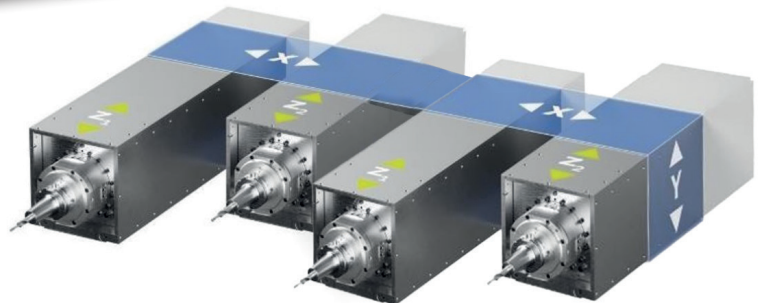
Interference cubes

A-axis: 30.118 in
B-axis: 8.818 in



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.



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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	8.858	in
Spindle torque	100	Nm
Spindle speed	12,000	rpm
Strokes X / Y / Z	8.858 / 18.503 / 16.535	in
Measurement system	directly, absolutely (with airsealing)	
Position tolerance X / Y / Z	0.000315	in
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	236.22 / 236.22 / 354.33	in/s ²
Rapid feed X / Y / Z	1,574.8 / 2,952.76 / 2,755.91	in/min
Max. feed force X / Y / Z	20 / 13 / 4 x 5	kN
Process lubrication	dry / coolant / MQL	
Interference cubes A- / B-axis (DL)	30.118 / 8.818	in
Interference cubes A- / B-axis (DT)	23.622 / 8.818	in
Dimensions w / d / h (DL)	133 / 177 / 133	in
Dimensions w / d / h (DT)	133 / 216 / 133	in

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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