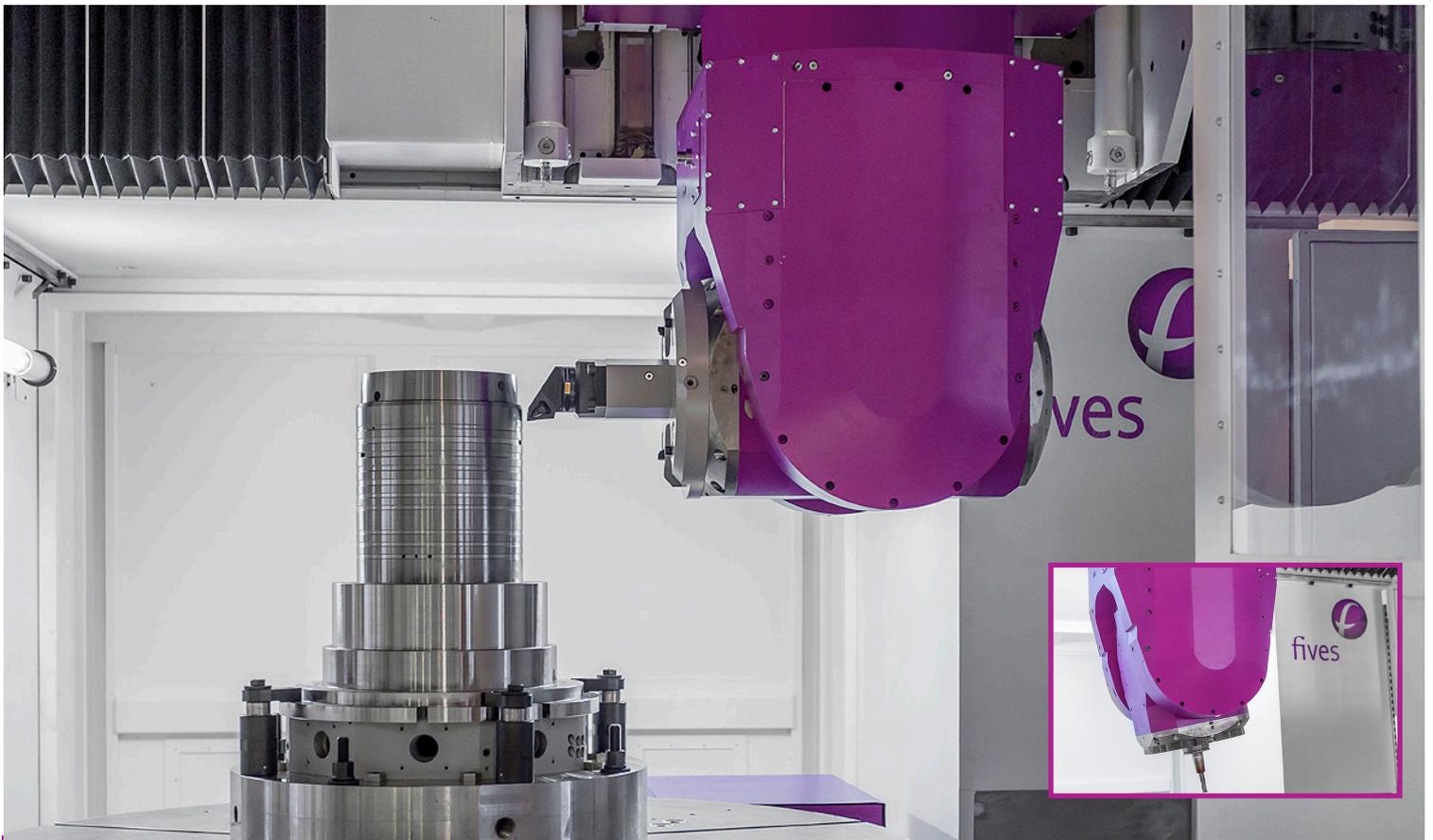


Liné Machines HS5 Head

Multi-Purpose Head: Milling, Drilling & Turning



The HS5 head is the ultimate all-in-one solution: switch from turning to milling operations without changing the head, no matter the material.

The exclusive HS5 head:

- Combines a milling spindle and a turning tool-holder to ensure high productivity and improved cycle time
- Is an efficient partner to many Liné Machines, Forest-Liné and Giddings & Lewis machining centers
- Offers multifunctional capabilities to produce aircraft engines, propellers, fluid ends, pipes, valves, and more

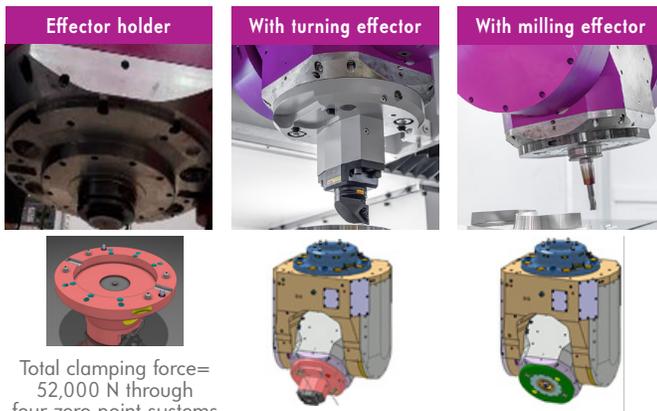
HS5 Milling Head - THE full range solution

The exclusive **Liné Machines HS5** head combines milling spindle and turning-tool holder to ensure high productivity and improved cycle time as you can switch from turning to milling operations without changing the head.

It offers the same B-axis control and encoder, ram interface and axis clamping device as the proven Fives 5-axis mechanical head.

B-axis		
Stroke	± 110°	
Pivot distance	300 mm in milling mode	
	480 mm in turning mode	
Driving torque	6000 Nm	
Clamping torque	9000 Nm	

The **Liné Machines HS5** head's unique character, however, is due to its pioneering architecture which combines a built-in high-power, high-torque, high-speed HF-spindle and an effector attachment device.

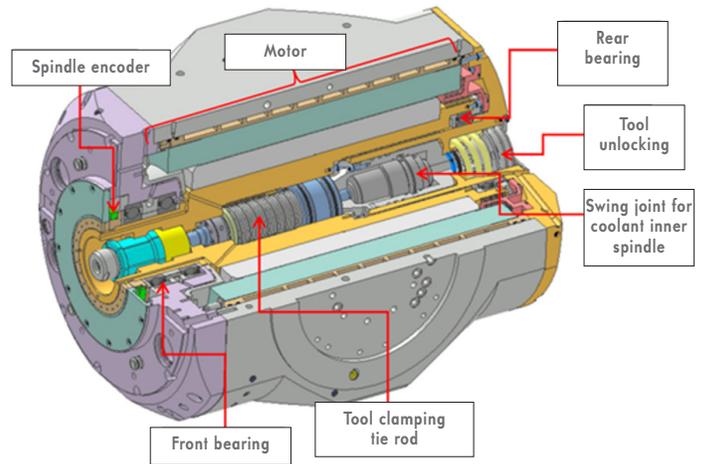


Milling mode

The spindle holder is equipped with a cover effector and the tool is clamped to the spindle.

Available power, speed, torque and taper:
105 kW, 10,000 rpm, 1,000 Nm and HSK100A.

Among other innovative elements, the spindle is only 610 mm long, providing superior stiffness, better behavior and increased machining quality.

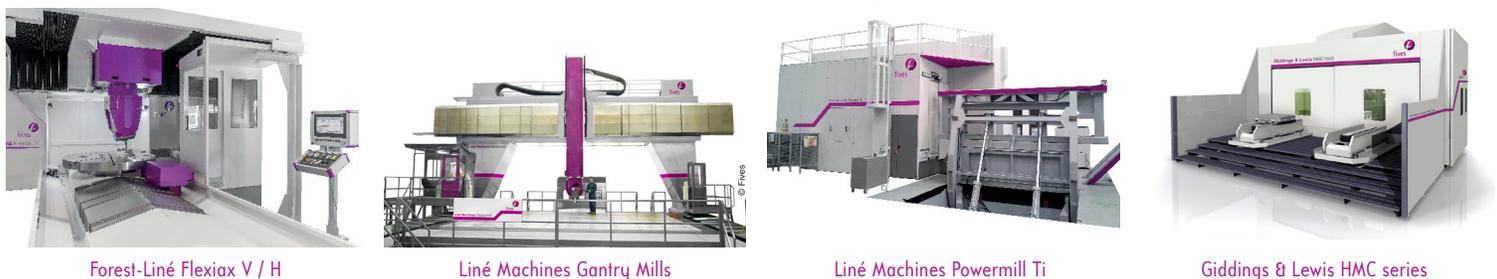


Turning mode

The spindle holder is equipped with a turning effector and the tool is clamped to the spindle; therefore the cutting forces do not impact the spindle bearings.

The turning effector can be fitted with two types of tapers, Capto C8 or HSK100T.

The **Liné Machines HS5** head can be fitted to several of our multi-tasking machining solutions. Contact us to discuss customized solutions to maximize your production efficiency.



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