



HIGH PRECISION
MACHINES

MATERIAL
REMOVAL

Forest-Liné Modumill^{iE}

Heavy Duty Gantry Mill

^{iE} industrial Equipment



The Forest-Liné Modumill is a powerful and robust solution for medium to large capacity machining, providing high accuracy and long term reliability: up to 45 kW and 1,500 Nm.

- High accuracy portal machining center
- Wide variety of milling heads available, all made in-house:
universal milling head, vertical offset, narrow right angle and fixed angle milling heads
- Advanced features for secure machining process



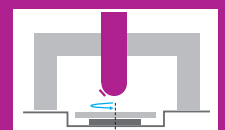
Moving gantry



Moving table



With moving crossrail



With turning table

“Over 200 heavy duty gantry mill machines in production worldwide.” The Forest-Liné Modumill[®] range offers very versatile solutions for high performance production needs.

Based on a stable and accurate structure, the Forest-Liné Modumill is a high accuracy portal machining center.

- Highly stiff structure and optimized damping
- Structure engineered to focus on thermal stability, high accuracy over time, and durability of the components
- Key components such as milling heads and turning table designed and manufactured in-house
- Automatic heads change available

The modular design can be adapted in various ways to suit all special requirements.

- Travel lengths adjustable
- Fixed or adjustable cross rail for machining parts with various heights
- Separate working areas configurable for pendular machining in order to increase productivity
- Rotary plate integrated into machine floor plate to further enhance flexibility

- High accuracy portal machining center
- Large choice of configuration
- Sustainable performance level up to 45 kW



MILLING HEAD (Made in-house)

- 450 x 450 mm
- Up to 45 kW
- Up to 1,500 Nm
- Z: up to 1.75 m
- With ACC (Automatic Attachment Change)

FEATURES

- CNC: SIEMENS 840D sl or HEIDENHAIN iTNC
- User-friendly integrated HMI: FL Vision
- Direct measuring system
- C-axis integrated in the ram
- Eco-design
- CE certification

FOREST-LINÉ MODUMILL[®] SPECIFICATIONS

Range	Modumill 350T		Modumill 350G	Modumill 400G	Modumill 500G	Modumill 600G
	Moving Table		Moving Gantry			
Working area	2 m x 4 m	2.5 m x 6 m	2.5 m x ...m	3 m x ...m	4 m x ...m	5 m x ...m
Horizontal Clearance	3.5 m		3.5 m	4 m	5 m	6 m
Vertical Clearance	1.6 m		1.6 m			
X stroke	4.5 m	6.5 m	Moving gantry: X stroke in relation to the floor plate length			
Y stroke	3.5 m		3.5 m	4 m	5 m	6 m
Z stroke	1.5 m (1.75 m)		1.5 m (1.75 m)			
Head	FA 306 with Universal head (A&C:2.5°) Up to 45 kW					
	Options		Options			
	Adjustable crossrail W = 1.5 m – every 250 mm Vertical clearance: 2.7 m		Adjustable crossrail W = 1.5 m – every 250 mm Vertical clearance: 2.7 m			
	Double table		Moving gantry: Pendular mode, 2 working areas			
	Pallet system		-	-	-	-
Turning Plate	Table Ø 2.5 m		Table Ø 2.5 m	Table Ø 3 m	Table Ø 4 m	Table Ø 5 m

SOME REFERENCES

Amada — DCNS — Alstom — Krones

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