Forest-Liné Modumill
Heavy Duty Gantry Mill

The Forest-Liné Modumill is a powerful, robust solution for medium to large capacity machining, providing high accuracy and long term reliability: up to 60 kW and 2,500 Nm. The machine is available in various customized configurations: moving table, moving gantry, fixed or moving cross rail, mill-turn rotary plate...

- Spindle motor up to 60 kW / 2,500 Nm (S1)
- Wide variety of milling heads available
- Key components such as milling heads and turning table designed and manufactured in-house
- The structure has been engineered focusing on:
  - Thermal stability
  - High accuracy over time
  - Durability of the components
- Highly stiff structure and optimized damping
- Automatic docking heads for milling
- Customizable with many peripherics
- Highly efficient user-friendly interface
- Advanced features for secure machining process
Over 200 Heavy Duty Gantry Mill machines in production worldwide

The Forest-Liné Modumill is the first one of the range with a modular design, covering 40 to 60 Kw (S1).

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

— Travel lengths can be adjusted; the machine can be supplied with a fixed or adjustable cross rail for machining parts with various heights.

— The machine may be configured with separate working areas: pendular machining for increased productivity. To further enhance flexibility, an in-house made rotary plate may be integrated into the machine floor plate.

— The wide choice of milling heads, the ability to customize on-request and to achieve complex and demanding machining tasks offer a wide potential for numerous applications.

— The machine is available with 3 + 2 axes or as a full five-axis and can be equipped with an automatic head changer.

— Based on a stable and accurate structure, the Forest-Liné Modumill series offer a very versatile solution for high performance production needs.

OPTIONS:
— Indexed or continuous cross rail (W-axis)
— Milling or Mill-Turn rotary plate
— Pendular machining
— Automatic spindle head changer
— Automatic tool changer
— Tool management system
— Spindle-mounted probe
— Integrated tool calibration laser
— Chip conveyors
— Coolant systems
— Mist collection system
— Full enclosure
— CNC: Heidenhain or Fanuc
— Power adaptive control
— Production securing pack
  • Collision detection device
  • GFACS: Geometry Five-Axis Control System
— FMS cell automation
— Engineering service/Production support
— Others on request

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


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