

## Machine - Datasheet

Machinetype: Gantry portal milling machine  
 Make: FOREST LINE  
 Type: Seramill 410  
 New in: 1994/1995  
 Control: CNC Siemens Sinumerik 840 C  
 Origin: France  
 Term of delivery: Immediately  
 Quotation: Ex. works



### Technical Details / Accessories / Additional

Technical details	Dimension	Unit
X-Axis (mobile portal)	8.000	mm
Working feed continuous adjustable	0,001-5.000	mm/min
Rapid traverse	15	m/min
Y-Axis (Transverse carriage)	4500	mm
Working feed continuous adjustable	0.001 – 5.000	mm/min
Rapid traverse	15	m/min
Z-Axis (Head/autom. Slider way)	950	mm
Cross section of the slide	320 x 320	mm
Working feed continuous adjustable	0.001 – 5.000	mm/min
<u>Universal milling head</u>		
Indexing all	2,5	° Grad
Spindle speed continuous adjustable	10 - 3.200	U/min
Power 22kW in the lower area up	280	U/min
Power 22 kW in the higher area up	940	U/min
<u>2 Speed areas</u>		
Low area with constant moment	5-279	U/min
Low area with constant power	280 – 3.200	U/min
High area with constant moment	100-939	U/min
High area with constant power	940 – 3.200	U/min
Spindle taper	ISO 50	
C-Axis (Head) Indexing all	5	° Grad
Workpiece table 2 disk arrays L x W	(2x) 4.000 x 3.500	mm
Max. table load of the workpiece table	5	t/m <sup>2</sup>
Weight of the machine ca.	64	t

Subject to alterations (prior sales and errors excepted).

### Accessories

- Tool magazine
- Automatic tool changer for 60 tools with chain magazine
- Tools 60 pieces
- Tool holder ISO50
- Cooling by the spindle middle 30l/min by 7 bar at the tool
- Conveyor (length X-Axis on the left of the disk array)