

VANTAGE 1250 LM



AceMicromatic®
Group Company



HORIZONTAL TURNING CENTER

Machine Features

- Rigid bed
- Cartridge type robust spindle with A2-6 nose
- Precision Linear motion guideways on both axes
- 8-station electro mechanical turret (BTP-100)
- Tailstock with hydraulic quill actuation
- 20 m/min rapid rates both axes
- Maintenance friendly

Standard Accessories

- Tailstock with add-on live center
- Automatic centralized oil lubrication
- AC unit for electrical Cabinet
- Built-in lighting system
- Coolant system
- Drain line oil cooler
- Basic hydraulic system
- OD turning tool holder (8 nos)
- Boring bar holder (4 nos)
- Facing tool holder (2 nos)
- Set of sleeves

Optional Accessories

- Cartridge spindle with A2-8 nose
- Chip Conveyor - Side mounting only
- Bar Feeder
- Customised Solution
- Pneumatic operated auto door
- Hydraulic steady
- Programmable tailstock
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THINK Turning®
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THE LARGEST MACHINE TOOL GROUP IN INDIA



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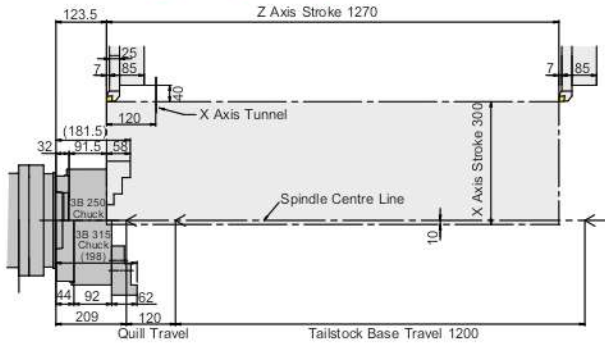
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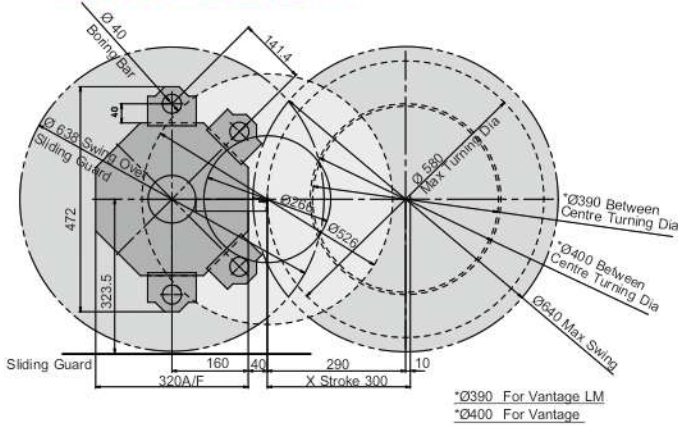
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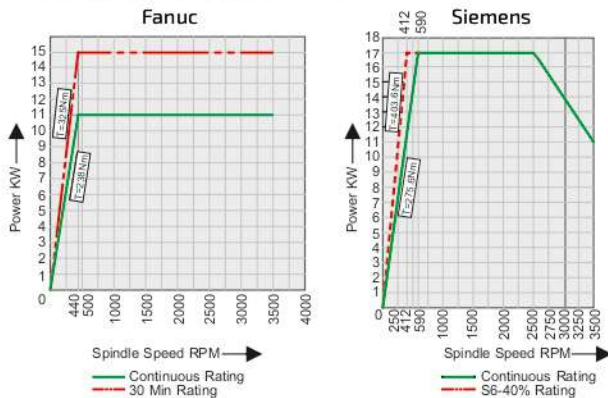
Machining Range Diagram



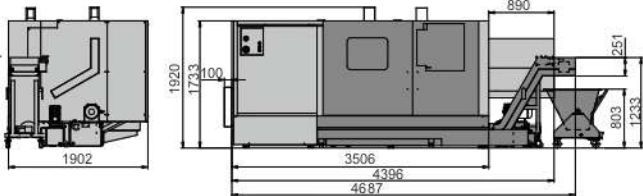
Interference Diagram



Power Torque Diagram



Overall View



All dimensions are in mm

Specifications

Vantage 1250 LM

Control System	Fanuc / Siemens	
Capacity	Units	
Swing Over Bed	mm	640
Swing over carriage	mm	390
Maximum Turning Dia.	mm	580 (8 stn. turret) 560 (12 stn. turret)
Maximum Turning Length	mm	1270
Distance between centres	mm	1400
Spindle		
Spindle Size / Nose		A2-6 (A2-8)
Max.Bar Capacity	mm	51* (74*)
Bore through Spindle	mm	63 (86)
Front Bearing Bore	mm	100 (120)
Max.Spindle Speed	rpm	4000 (3000)
Spindle Motor Power-Fanuc (continuous)	kW	11
Spindle Motor Power-Fanuc (30min rating)	kW	15
Full Power Range -Fanuc	rpm	440-3500
Spindle Motor Power-Siemens (continuous)	kW	17
Spindle Motor Power-Siemens(S6-40% min)	kW	17
Full Power Range -Siemens	rpm	590-3500
Axes		
X-Axis stroke	mm	300
X-Axis Rapid	m/min	20
X Ball Screw Dia x Pitch	mm	32 x 10
X Axis Motor Torque	Nm	12
X-Axis Guideways		Linear Motion Guideways
Z-Axis stroke	mm	1270
Z-Axis rapid	m/min	20
Z Ball Screw Dia x Pitch	mm	40 x 10
Z Axis Motor Torque	Nm	12
Z-Axis Guideways		Linear Motion Guideways
Tooling		
Turret Type		BTP 100
No of Stations		8 (12)
Max.Boring Bar Dia	mm	Ø40
OD Turning Tool Size	mm	25 x 25
TailStock		
TailStock Base Travel	mm	1270
TailStock Quill Dia	mm	80
TailStock Quill Travel	mm	120
TailStock Quill Taper		MT-4
Coolant Tank Capacity	Litres	190
Hydraulic System		
Hydraulic Pump Capacity	lpm	14
Hydraulic Power Pack Tank Capacity	litres	45
Over all Dimensions (LxWxH)	mm	4914x1902x1918
Over all Weight (without packing)	Kg	~6500

- *With appropriate work holding. () - Figures mentioned in bracket or optional.
- Owing to continuous up-gradation of our products, the specification may change and to be reconfirmed at the time of ordering. Features shown may not be part of the standard equipment.

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