

VTL 400 XL

ACE
DESIGNERS

AceMicromatic
Group Company



VERTICAL TURNING CENTER

Standard Accessories

- Cartridge type spindle
- AC spindle drives and axes drives
- High speed bi-directional tool Turret
- Hardened ground box type guideways
- Automatic centralised oil lubrication
- Built-in lighting system
- Torque enhancement by Star delta
- Motor with built-in brake for Z axis
- Overload trip clutches on both axes
- Basic hydraulic system
- OD turning tool blocks (8 Nos)
- Boring bar holders (4 Nos)
- Facing tool holders (2 Nos)
- Set of sleeves for boring bars

Optional Accessories

- Fully tooled up solutions to meet customer needs
- Chip conveyor rear
- Work holding
- Auto door

THINK Turning®
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA



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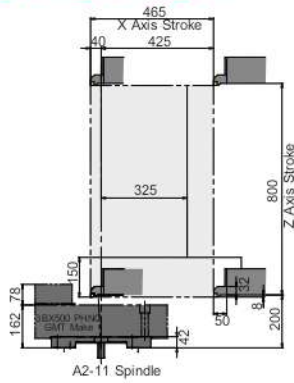
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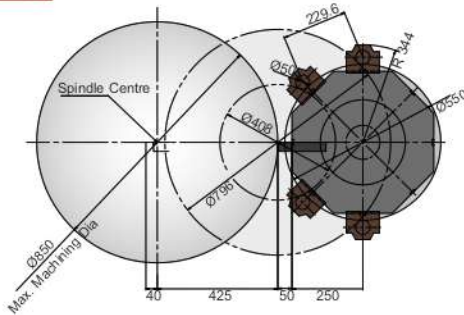
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Machining Range Diagram

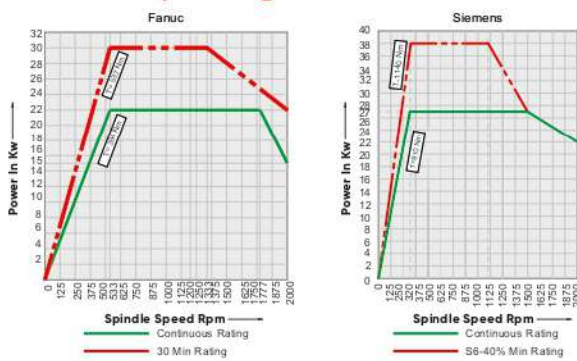


Interference Diagram

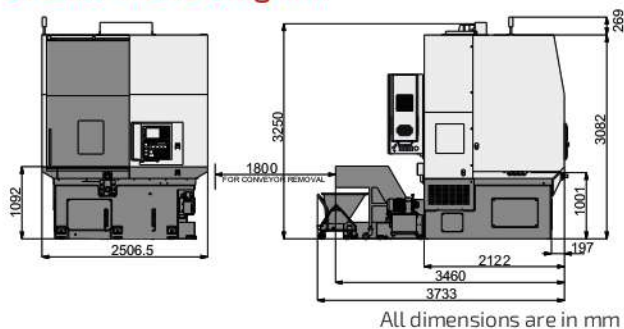
8 Station



Power Torque Diagram



Overall Views Diagram



Specifications

VTL 400 XL

Capacity	
Control System	Fanuc / Siemens
Swing Over Bed	Ø1000 mm
Swing Over Carriage	Ø650 mm
Maximum Machining Dia	Ø850 mm
Maximum Turning Length	800 mm
Spindle	
Spindle Size / Nose	A2-11
Spindle Speed	2000 rpm
Spindle Motor Power-Fanuc (continuous)	22 kW
Spindle Motor Power-Fanuc (30 min rating)	30 kW
Full Power Range -Fanuc	535-1777 rpm
Spindle Motor Power-Siemens (continuous)	27 kW
Spindle Motor Power-Siemens (S6-40% min rating)	38 kW
Full Power Range - Siemens	320-1500 rpm
Standard Chuck Size	500 mm
Axis	
X-Axis Stroke	465 mm
X-Axis Rapid Rate	20 m/min
X-Axis Guideways	HGBT
Z-Axis Stroke	800 mm
Z-Axis Rapid Rate	20 m/min
Z-Axis Guideways	HGBT
Tooling	
Tooling Type	BTP-160
No. of Stations	8(12)
Max. Boring Bar Dia	Ø50 mm
OD Turning Tool Size	32 x 32 mm
Coolant System	
Coolant Tank Capacity	200 Ltrs
Hydraulic System	
Hydraulic system pressure	14 Lpm
Hydraulic Power Pack Tank Capacity	45 Ltrs
Overall Machine Dimensions (L x W x H)	2510x3255x3410 mm
Overall Weight (Without Packing)	~11000 kg

() Values Mention in bracket are optional HGBT - Hardened Ground Box Type

Note:

Specification are correct at the time of print. Owing to continuous up-gradation of our products, the specification may change and to be reconfirmed at the time of ordering.

Manufactured by:

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