

JE 06 LM/XL

ACE
DESIGNERS

AceMicromatic
Group Company



JOBBER
EVO
SERIES

HORIZONTAL TURNING CENTER

Machine Features

- Powerful AC Spindle motor
- Step Up Z-axis Structure
- High speed 4000 rpm spindle
- Thermally stabilised spindle
- Pre-tensioned ball screw support
- Heavy duty bi-directional hydraulic turret (8 station)
- 0.45 sec. station-to-station Turret Indexing time
- 100% ball bar tested
- Separate coolant tank for easy maintenance

Standard Accessories

- AC spindle motor & axes drives
- Precision guideways on both axes
- Tailstock with live center
- Automatic centralized oil lubrication
- Hydraulic power operated chuck (Ø200 mm)
- Programmable quill
- 3 tier lamp
- Rigid tapping
- Drain line oil cooler
- Basic hydraulic system
- OD tool holder clamping block (8 nos)
- Boring bar holder (4 nos)
- Facing tool holder (2 nos)
- Set of sleeves

Optional Accessories

- Hydraulic power operated chuck (Ø165mm)
- Voltage stabilizer - 15 kVA
- Chip conveyor rear/side mount
- TPM - Trak productivity monitoring system
- Tailstock with built-in revolving center
- Auto door
- 12 station turret
- High pressure coolant system
- MachineConnect™ software

LM - Linear motion guideways

XL - Hardened & ground box guideways

THINK Turning®
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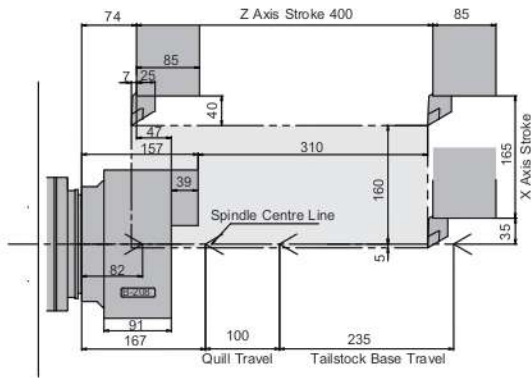
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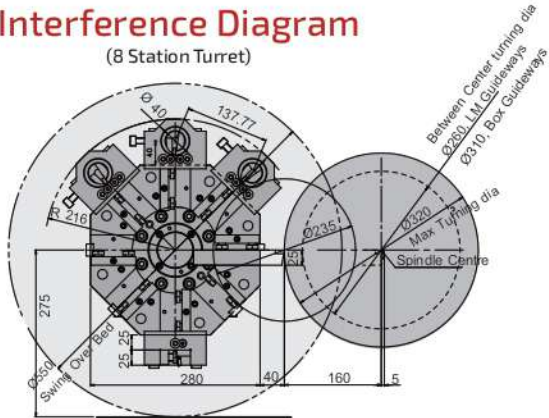
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Machining Range Diagram

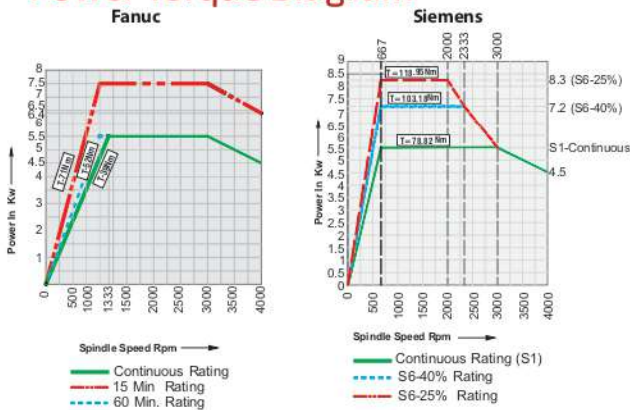


Interference Diagram

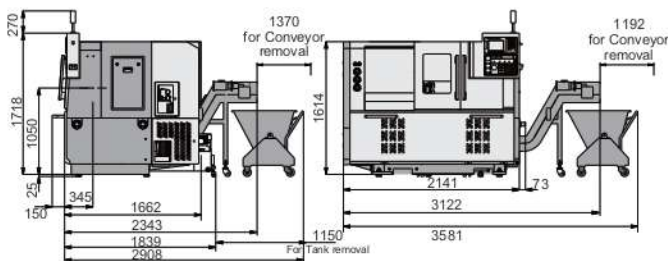
(8 Station Turret)



Power Torque Diagram



Overall Views



ALL dimensions are in mm

Manufactured by:

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INTERNATIONAL

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Specifications

JE 06 LM / XL

Control System	Fanuc / Siemens
Capacity	
Swing Over Bed	550 mm
Distance Between Centers ¹	420 mm
Maximum Turning Dia ²	320 mm
Between Centre Turning Dia	260/310
Maximum Turning Length ¹	400 mm
Max. turning length from chuck jaw face	300 mm*
Spindle	
Spindle Nose	A2-5
Bore Through Spindle	52.5 mm
Front Bearing Bore	80 mm
Maximum Bar Capacity ³	42 mm
Maximum Spindle speed ³	4000 rpm
Spindle Motor Power - Fanuc (Continuous / 15 min. Rating)	5.5/ 7.5 kW
Spindle Motor Power-Siemens (Continuous / S6-40%/S6-25% Rating)	5.5 / 7.2 / 8.3 kW
Full Power Range	Fanuc 1333 - 3000 rpm Siemens 667 - 3000 rpm
Standard Chuck Size	Ø200 mm
Axes	
Type of Guideways	Linear motion / HGBT
X-Axis Stroke	165 mm
Z-Axis Stroke	400 mm
X & Z Axes Rapid Rate	30 / 20 m/min
Tooling	
Number of Tools Maximum	8 (12)
Boring Bar Dia Maximum	40 (32) mm
OD Turning Tool Size	25 x 25 (20x20) mm
Tailstock	
Tailstock Base Travel	235 mm
Tailstock Quill Travel	100 mm
Tailstock Quill Dia.	80 mm
Quill Taper	MT-4
Hydraulic System	
Hydraulic Pump Capacity	14 lpm
Hydraulic Power Pack Tank Capacity	45 litre
System Pressure	30 Kg/cm ²
Coolant Tank Capacity	150 litre
Overall Machine Dimensions (L x W x H)	2141 x 1950 x 1740 mm
Overall Weight (Without Packing)	~ 3350 kg

1 Refer machining range diagram,

2 With appropriate work holding,

() Values mentioned in bracket are optional,

2 Refer Interference diagram

HGBT - Hardened Ground Box Type

* - Considering Standard chuck size

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.

