

J 400 LM / XL

**Jobber
Elite**



LM - Linear motion guideways
XL - Hardened ground box type guideways (HGBT)

Machine Features

- Powerful AC Spindle motor
- High speed 4000 rpm spindle
- Thermally stabilised spindle
- LM guideways - 30 m/min rapid
(or)
Box guideways - 20m/min rapid
- Pre-tensioned ball screw support
- 0.45 sec. turret Index time
- 100% ball bar tested
- LASER calibrated axes
- Separate coolant tank-easy maintenance
- Powered by MachineConnect™



Standard Accessories

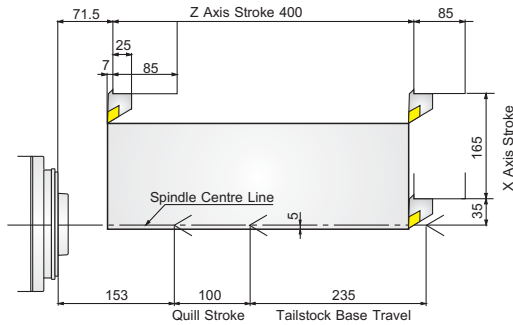
- AC spindle & axes drives
- Precision guideways on both axes
- Heavy duty bi-directional turret (8 station)
- Tailstock with live center
- Automatic centralized oil lubrication
- Hydraulic power operated chuck (Ø200 mm)
- AC unit for electricals
- MachineConnect™
- Programmable quill
- 3 tier lamp
- Rigid tapping
- Drain line oil cooler
- Basic hydraulic system
- LASER calibrated axes
- 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 (Ø165 mm)
- Voltage stabilizer - 15 kVA
- Chip conveyor rear/side
- TPM - Trak productivity monitoring system
- Tailstock with built in centre
- Auto door
- 12 station turret
- High pressure coolant system

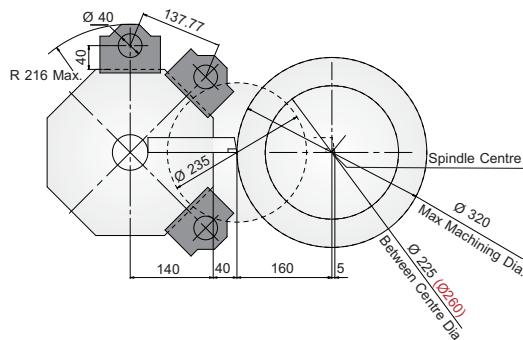
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Machining Range Diagram

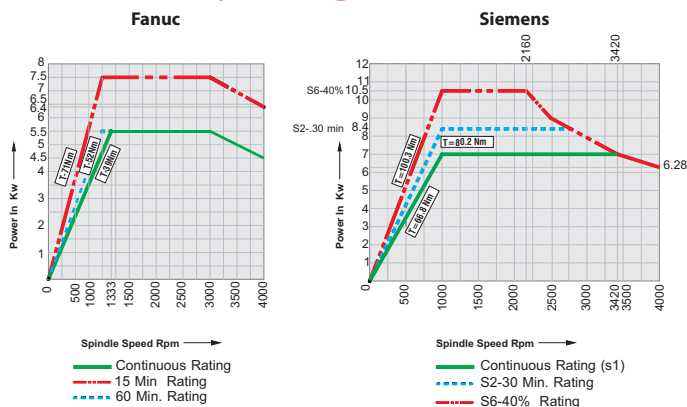


Interference Diagram

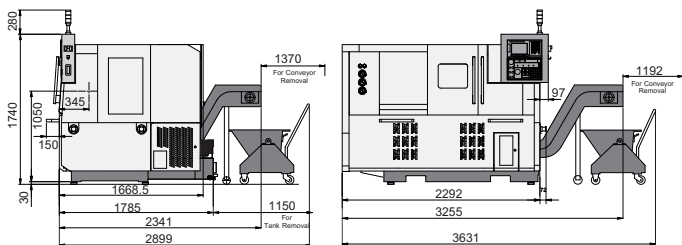
(8 Station Turret)



Power Torque Diagram



Overall Views



All dimensions are in mm

Specifications

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Control System	Fanuc / Siemens
Smart Feature	MachineConnect™
Capacity	
Swing Over Bed	500 mm
Distance Between Centers ¹	425mm
Maximum Turning Dia ²	320 mm
Between Centre Turning Dia	225 / 260 mm
Maximum Turning Length ¹	400 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 / 30min/S6-40%rating)	7 / 8.4 / 10.5 kW
Full Power Range	Fanuc 1333 - 3000 rpm Siemens 1000 - 3420 rpm
Standard Chuck Size	200 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
Boring Bar Dia Maximum	40 mm
OD Turning Tool Size	25 x 25 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	110 litre
Overall Machine Dimensions (L x W x H)	2390 x 1785 x 2050 mm
Overall Weight (Without Packing)	~ 3500 kg

- 1 Refer machining range diagram, 2 Refer Interference diagram
3 With appropriate work holding, HGBT - Hardened Ground Box Type
() Values mentioned in bracket are optional

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.

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