

JOBBER JUNIOR



AceMicromatic
Group Company



HORIZONTAL TURNING CENTER

Machine Features

- Powerful AC Spindle motor
- High speed 4000 rpm spindle
- Thermally stabilised spindle
- Linear motion guide ways
- 30 m/min rapid traverse rate
- Pre-tension ball screw support
- 0.45 sec. turret Index time
- 100% ball bar tested
- Separate coolant tank-easy maintenance

Standard Accessories

- AC spindle & axes drives
- Precision linear motion guides on both axes
- Heavy duty bi-directional turret (8 station)
- Tailstock with live center
- Automatic centralized oil lubrication
- Hydraulic power operated chuck (Ø165 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 (Ø200 mm)
- Voltage stabilizer - 15 kVA
- Chip conveyor rear
- TPM - Trak productivity monitoring system
- LASER calibrated axes

THINK Turning®
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA

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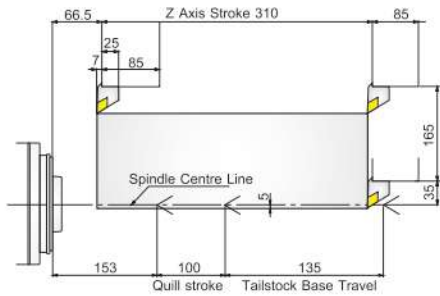


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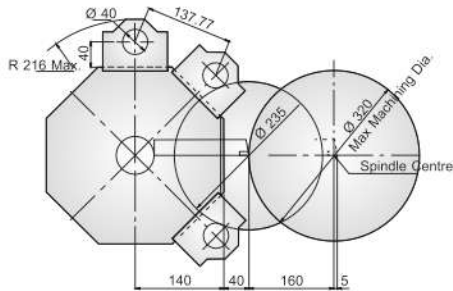
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Machining Range Diagram

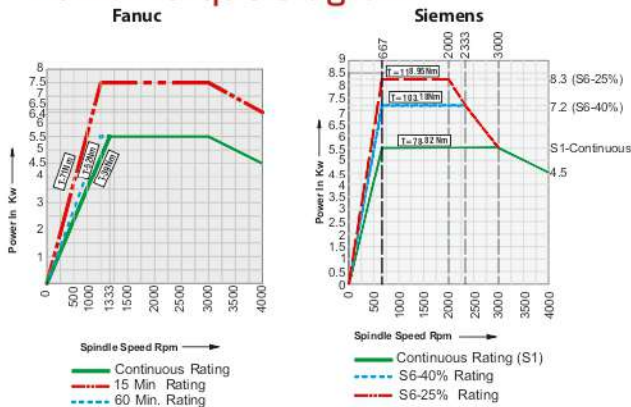


Interference Diagram

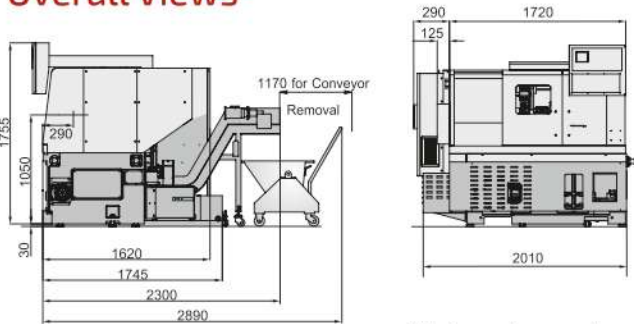
(8 Station Turret)



Power Torque Diagram



Overall Views



All dimensions are in mm

Specifications

Jobber Junior

| | |
|--|---|
| Control System | Fanuc/Siemens |
| Capacity | |
| Swing Over Bed | 450 mm |
| Swing Over Carriage | 225 mm |
| Maximum Turning Dia | 320 mm |
| Distance Between Centers | 296 mm |
| Maximum Turning Length | 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 / 7.5kW |
| Spindle Motor Power -Siemens (Continuous / S6-40% / S6-25%) | 5.5 /7.2/8.3 kW |
| Full Power Range | Fanuc 1333 - 3000 rpm Siemens 667-3000 rpm |
| Standard Chuck Size | 165 mm |
| Axes | |
| Type of Guideways | Linear motion |
| X-Axis Stroke | 165 mm |
| Z-Axis Stroke | 310 mm |
| X & Z Axes Rapid Rate | 30 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 | 135 mm |
| Tailstock Quill Travel | 100mm |
| 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) | 2300 X 2010 X 1755mm |
| Overall Weight (Without Packing) | ~ 3500 kg |

* With appropriate work holding

() Values mentioned in bracket are optional

Note: Specification 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. Features shown may not be part of the standard equipment.

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