

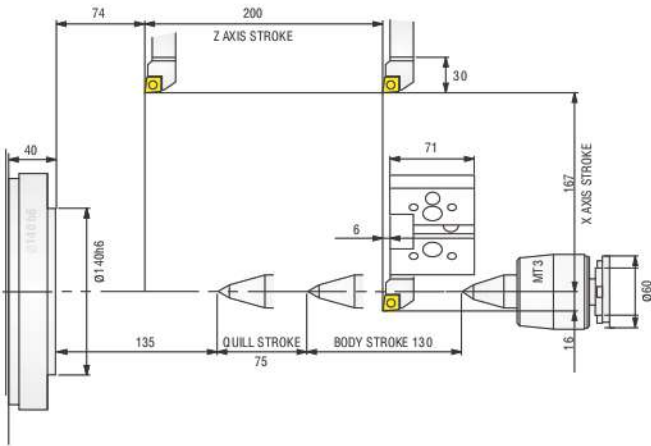
CS-16LM200



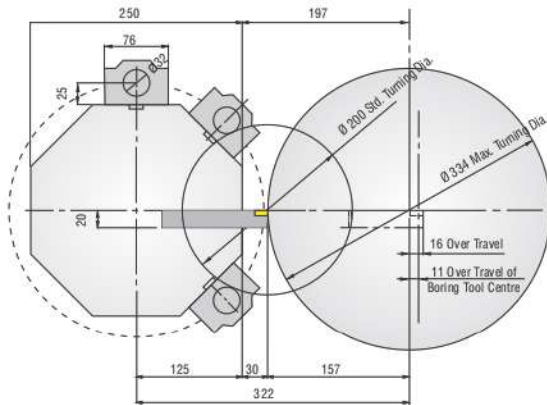
Machine Features

- Powerful AC Spindle motor - upto 6000 rpm
- High speed 4000 rpm spindle
- Thermally stabilized spindle
- Compact Footprint for better plant layouts
- Precision linear motion guides on both axes
- 30 m/min rapid traverse rate
- Pre-tensioned ball screw support(X-Axis)
- Bi-Directional Servo Turret
- Tailstock with live centre
- Automated centralized lubrication
- AC unit for electrical cabinet
- Basic Hydraulic system
- 100% ball bar tested
- Separate coolant tank-easy maintenance

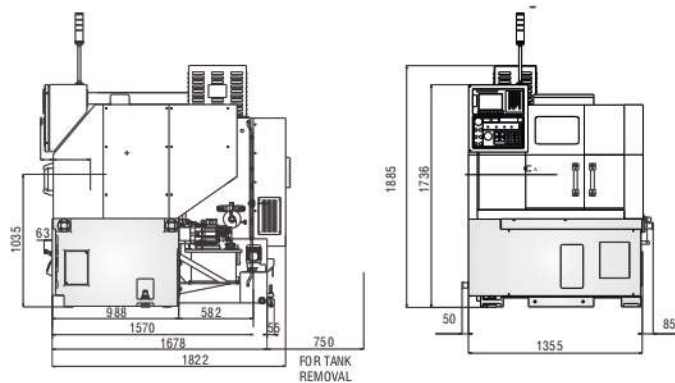
Machining Range Diagram



Interference Diagram



Overall Views



All dimensions are in mm

SPECIFICATIONS

CS-16 LM 200

Capacity	
Swing Over Bed	450 mm
Swing over carriage	250 mm
Maximum Turning Dia.	330 mm
Standard turning Dia.	200 mm
Maximum Turning Length	200 mm
Distance between centres	250** mm
Control System	
Fanuc Oi-Mate-TD	
Spindle	
Spindle Nose	Flat nose Ø140 h6
Bore through Spindle	52.5 mm
Max. Bar Capacity	42* mm
Max. Spindle Speed	4000 rpm
Spindle Motor Power (Fanuc - 15 min. Rating)	Fanuc - 7.5 kW
Spindle Motor Power(Continuous Rating)	Fanuc - 5.5 kW
Full Power Range	Fanuc 1333 - 3000 rpm
Standard Chuck Size	165 mm
Axes	
Type of Guideways	LM Guideways
X-Axis Stroke	183 mm
Z-Axis Stroke	200 mm
X & Z Axes Rapid Rate	30 m/min.
Tooling	
Turret Type	Servo
Number of Tools Maximum	8 (12)
Boring Bar Dia Maximum	32 mm
OD Turning Tool Size	20 x 20 mm
Tailstock	
Tailstock Base Travel	130 mm
Tailstock Quill Dia.	60 mm
Tailstock Quill Travel	75 mm
Quill Taper	MT-3
Hydraulic System	
Hydraulic Pump Capacity	11.6 lpm
Hydraulic Power Pack Tank Capacity	20 litre
Coolant Tank Capacity	75 litre
Overall Machine Dimensions(L x W x H)	1355 X 1950 X 1885 mm
Overall Weight (Without Packing)	~ 2500 kg

**Refer machining range diagram

()-Values mentioned in bracket are optional

* With appropriate work holding

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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