

SJE 10 HT

ACE[®]
DESIGNERS

AceMicromatic[®]
Group Company

JOBBER
EVO
SERIES



HORIZONTAL TURNING CENTER

Machine Features

- Linear motion (Roller Type) guideways
- Powerful 9/11kW AC Spindle motor
- Step Up Z-axis Structure
- High speed 3500 rpm spindle
- Thermally stabilised spindle
- Pre-tensioned ball screw support
- Heavy duty bi-directional hydraulic turret (12 station)
- 0.45 sec. station-to-station Turret Indexing time
- 100% ball bar tested

Standard Accessories

- Tailstock with live center
- Programmable quill
- Precision guideways on both axes
- Ø200 mm hydraulic power operated chuck
- Automatic centralized oil lubrication
- AC unit for electrical cabinet
- 3 tier lamp
- Rigid tapping
- OD tool holder clamping block (12 nos)
- Boring bar holder (6 nos)
- Facing tool holder (2 nos)
- Set of sleeves

Optional Accessories

- Ø250 mm hydraulic power operated chuck
- Voltage stabilizer - 25 kVA
- Chip conveyor rear/side mount
- Tailstock with built-in revolving center
- High pressure coolant system
- Auto door
- TPM-Trak[®] real time OEE productivity monitoring system

THINK Turning[®]
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THE LARGEST MACHINE TOOL GROUP IN INDIA

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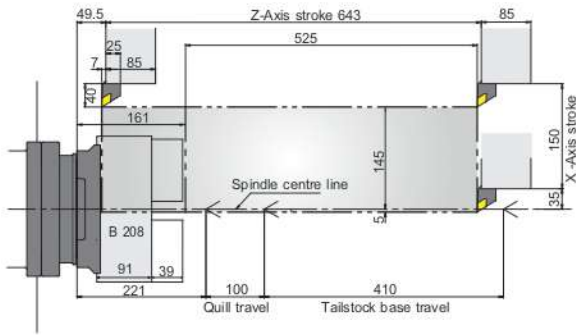


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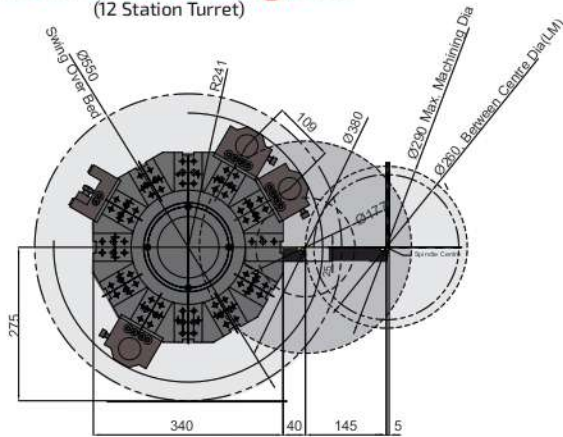
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Machining Range Diagram

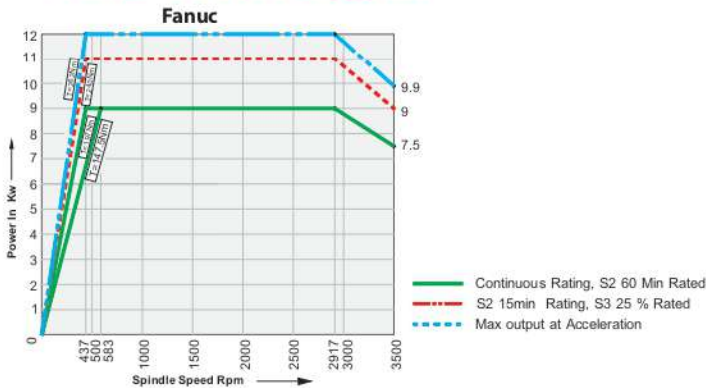


Interference Diagram

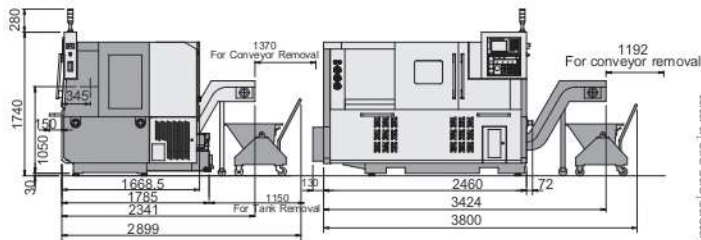
(12 Station Turret)



Power Torque Diagram



Overall Views



All dimensions are in mm

Specifications

SJE 10 HT

Control System	Fanuc
Capacity	
Swing Over Bed	550 mm
Distance Between Centers ¹	615 mm
Maximum Turning Dia ²	290 mm
Between Center Turning Dia	260 mm
Maximum Turning Length ¹	643 mm
Max. turning length from chuck jaw face	525 mm*
Spindle	
Spindle Nose	A2-6
Bore Through Spindle	63 mm
Front Bearing Bore	100 mm
Maximum Bar Capacity ³	51 mm
Maximum Spindle speed ³	3500 rpm
Spindle Motor Power - Fanuc (Continuous /15 min. Rating)	9 / 11 kW
Full Power Range	Fanuc 583 - 2917 rpm
Standard Chuck Size	Ø200 mm
Axes	
Type of Guideways	LM (Roller Type)
X-Axis Stroke	150 mm
Z-Axis Stroke	643 mm
X & Z Axes Rapid Rate	30 m/min
Tooling	
Number of Tools Maximum	12
Boring Bar Dia Maximum	40 mm
OD Turning Tool Size	25 x 25 mm
Tailstock	
Tailstock Base Travel	410 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)	2460 x 1950 x 1740 mm
Overall Weight (Without Packing)	~ 3625 kg

- 1 Refer machining range diagram, 2 Refer Interference diagram
 3 With appropriate work holding, () Values mentioned in bracket are optional, *- 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.

Manufactured by:

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