

LS 06 LM

ACE
DESIGNERS

AceMicromatic
Group Company



CNC TURNING SOLUTIONS

Machine Features

- Powerful AC spindle motor
- High speed 4000 rpm spindle
- Spindle with super precision angular contact ball bearings
- Thermally stabilised spindle
- Linear motion guideways
- 30 m/min rapid traverse rate
- Pre-tension ball screw support
- 100% ball bar tested
- Separate coolant tank-easy maintenance
- 3 point support for easy levelling

Standard Accessories

- AC spindle & axes drives
- Automatic centralized oil lubrication
- Drain line oil cooler
- Basic hydraulic system
- OD tool holder clamping block (4 nos)
- Boring bar holder $\varnothing 32$ (2 nos)
- Set of sleeves
- Safety door interlock
- Radial tool holder - (2 nos)
- AC unit for electricals
- 3 tier lamp
- Rigid tapping

Optional Accessories

- Voltage stabilizer
- Chip conveyor rear
- TPM - Trak productivity monitoring system
- Laser calibrated axes
- A2-5 cartridge spindle with NN30K roller bearings
- Auto door
- Parts catcher
- Bar feeder

THINK Turning[®]
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA



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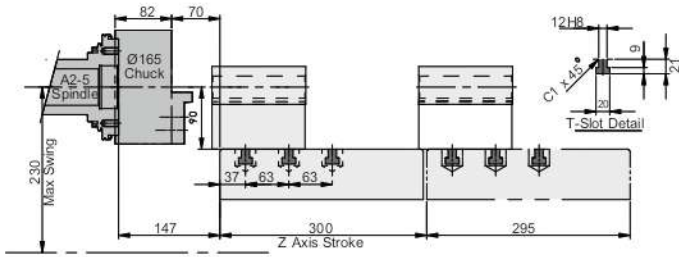


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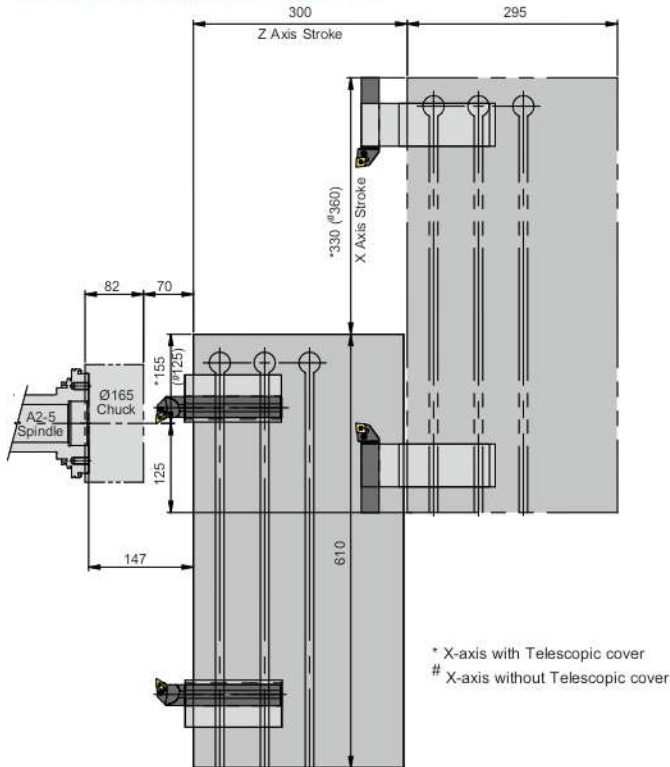


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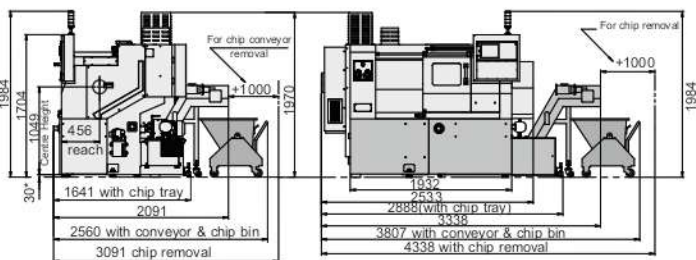
Machining Range Diagram



Interference Diagram



Overall Views



All dimensions are in mm

Specifications

LS 06 LM

Control System	Fanuc / Siemens
Capacity	
Swing Over Table	180 mm
Swing Over Carriage	460 mm
Maximum Cutting Dia ¹	150 mm
Maximum Cutting Length ²	100mm
Spindle	
Spindle Nose	Flat Nose
Bore Through Spindle	52.5 mm
Front Bearing Bore	80 mm
Maximum Bar Capacity ³	Ø42 mm
Maximum Spindle speed ³	4000 rpm
Spindle Motor Power (Fanuc-15 min / Siemens -S2-30min Rating)	Fanuc-7.5 kW Siemens - 9kW
Spindle Motor Power (Continuous Rating) (F/S)	Fanuc - 5.5 kW / Siemens 7 kW
Full Power Range (F/S)	Fanuc 1333 - 4000 rpm Siemens 1227 - 4000rpm
Standard Chuck Size	165 mm
Axes	
Type of Guideways	Linear motion Guideways
X-Axis Stroke	*330 (#360)mm
Z-Axis Stroke	300 mm
X & Z Axes Rapid Rate	30 m/min.
Tooling	
Boring Bar Dia Maximum	32 mm
OD Turning Tool Size	25 x 25 mm
Hydraulic System	
Hydraulic Pump Capacity	12 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)	2550 x 1600 x 2150 mm
Overall Weight (Without Packing)	~ 3100 kg

1. Refer machining range diagram

2. Refer Interference diagram

3. With appropriate work holding

(F/S) - Fanuc/Siemens

* X-axis with Telescopic cover

X-axis without Telescopic cover

Note: 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.

Manufactured by:

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