

## SLC-16 LM 2S



### Machine Features

- Powerful AC Spindle motor
- High speed 4000 rpm spindle
- 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

### Standard Accessories

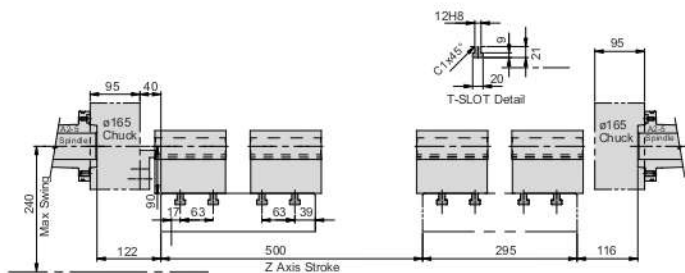
- AC spindle & axes drives
- Linear motion Guideways
- Automatic centralized oil lubrication
- Drain line oil cooler
- Basic hydraulic system
- OD tool holder clamping block (4 nos)
- Boring bar holder  $\varnothing 32$  (2 nos)
- Set of sleeves
- Safety door interlock
- Radial tool holder - (2 nos)

### Optional Accessories

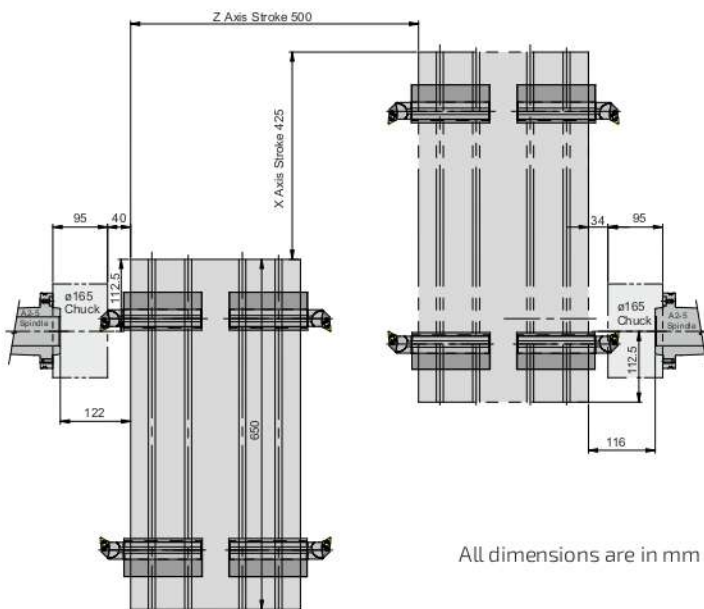
- AC unit for electricals
- 3 tier lamp
- Rigid tapping
- Voltage stabilizer
- Chip conveyor rear
- TPM - Trak productivity monitoring system
- Laser calibrated axes

Fast on Site: All India post sales service

## Machining Range Diagram



## Interference Diagram



## Application Examples



## Specifications

## SLC - 16 LM 25

Control System	Fanuc
<b>Capacity</b>	
Swing Over Table	180 mm
Swing Over Carriage	480 mm
Maximum Cutting Dia <sup>1</sup>	150 mm
Maximum Cutting Length <sup>2</sup>	100mm
<b>Spindle</b>	
Spindle Nose	A2-5 x 2
Bore Through Spindle	47 mm
Front Bearing Bore	80 mm
Maximum Bar Capacity <sup>3</sup>	25 mm
Maximum Spindle speed <sup>3</sup>	4000 rpm
Spindle Motor Power - Continuous Rating	5.5 kW
Spindle Motor Power - 15 min Rating	7.5 kW
Full Power Range	1333 - 4000 rpm
Standard Chuck Size	165 mm
<b>Tooling</b>	
Maximum No of Tools	Depends on Application
Boring Bar Dia Maximum	32 mm
OD Turning Tool Size	25 x 25 mm
<b>Axes</b>	
Type of Guideways	Linear motion
X-Axis Stroke	425mm
Z-Axis Stroke	500 mm
X & Z Axes Rapid Rate	30 m/min.
<b>Hydraulic System</b>	
Hydraulic Pump Capacity	12 lpm
Hydraulic Power Pack Tank Capacity	45 litre
System Pressure	30 Kg/cm <sup>2</sup>
Coolant Tank Capacity	120 litre
<b>Overall Machine Dimensions(L x W x H)</b>	3000x 2500 x 1950 mm
<b>Overall Weight (Without Packing)</b>	~ 4000 kg

1. Refer machining range diagram
2. Refer Interference diagram
3. With appropriate work holding

**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.

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