

## SLC-20 LM



### 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

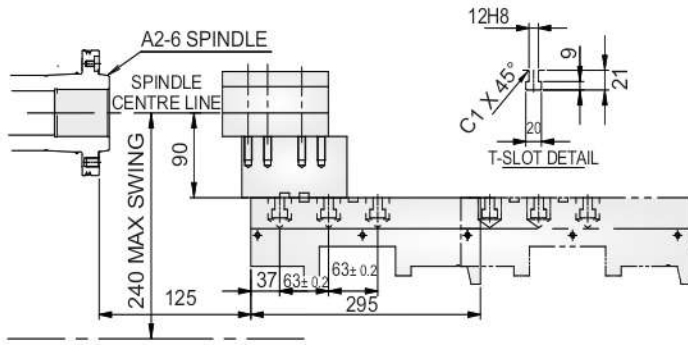
- AC spindle & axes drives
- Linear motion Guideways
- Automatic centralized oil lubrication
- Drain line oil cooler
- Basic hydraulic system
- OD tool holder clamping block (4 nos)
- Boring bar holder  $\varnothing 32$  (2 nos)
- Set of sleeves
- Safety door interlock
- Radial tool holder - (2 nos)

### Optional Accessories

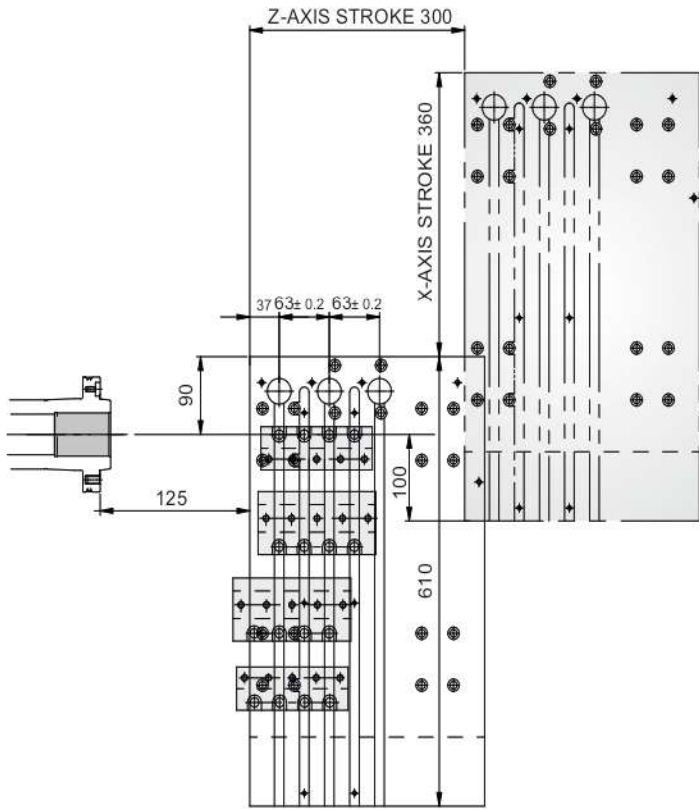
- AC unit for electricals
- 3 tier lamp
- Rigid tapping
- Voltage stabilizer
- Chip conveyor rear
- TPM - Trak productivity monitoring system
- LASER calibrated axes

Fast on Site: All India post sales service

## Machining Range Diagram



## Interference Diagram



All dimensions are in mm

## Specifications

SLC - 20 LM

Control System	Fanuc / Siemens
<b>Capacity</b>	
Swing Over Table	180 mm
Swing Over Carriage	480 mm
Maximum Turning Dia <sup>1</sup>	150 mm
Maximum Turning Length <sup>2</sup>	100mm
<b>Spindle</b>	
Spindle Nose	A2-6
Bore Through Spindle	63 mm
Front Bearing Bore	100 mm
Maximum Bar Capacity <sup>3</sup>	42 mm
Maximum Spindle speed <sup>3</sup>	3500 rpm
Spindle Motor Power ( Fanuc-15min / Siemens -S6-40% Rating)	Fanuc-11 kW Siemens - 10.8kW
Spindle Motor Power (Continuous Rating )(F/S)	Fanuc -7.5 kW / Siemens 9 kW
Full Power Range (F/S)	Fanuc 875 - 2625 rpm Siemens 875 - 2500rpm
Standard Chuck Size	200 mm
<b>Axes</b>	
Type of Guideways	Linear motion Guideways
X-Axis Stroke	360 mm
Z-Axis Stroke	300 mm
X & Z Axes Rapid Rate	30 m/min.
<b>Tooling</b>	
Boring Bar Dia Maximum	32 mm
OD Turning Tool Size	25 x 25 mm
<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	110 litre
<b>Overall Machine Dimensions</b> (L x W x H)	
	2450 x 1600 x 2450 mm
<b>Overall Weight</b> (Without Packing)	
	~ 3500 kg
1. Refer machining range diagram	2. Refer Interference diagram
3. With appropriate workholding	(F/S) - Fanuc/Siemens

**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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