

# SLC 16 LM G

**ACE**<sup>®</sup>  
DESIGNERS

**AceMicromatic**<sup>®</sup>  
Group Company



## HORIZONTAL TURNING CENTER

### 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

**THINK** Turning<sup>®</sup>  
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THE LARGEST MACHINE TOOL GROUP IN INDIA



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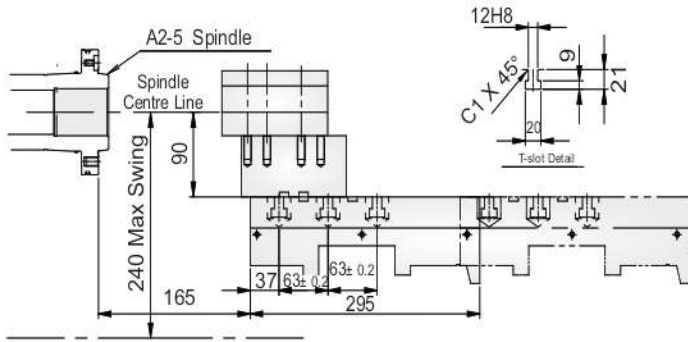


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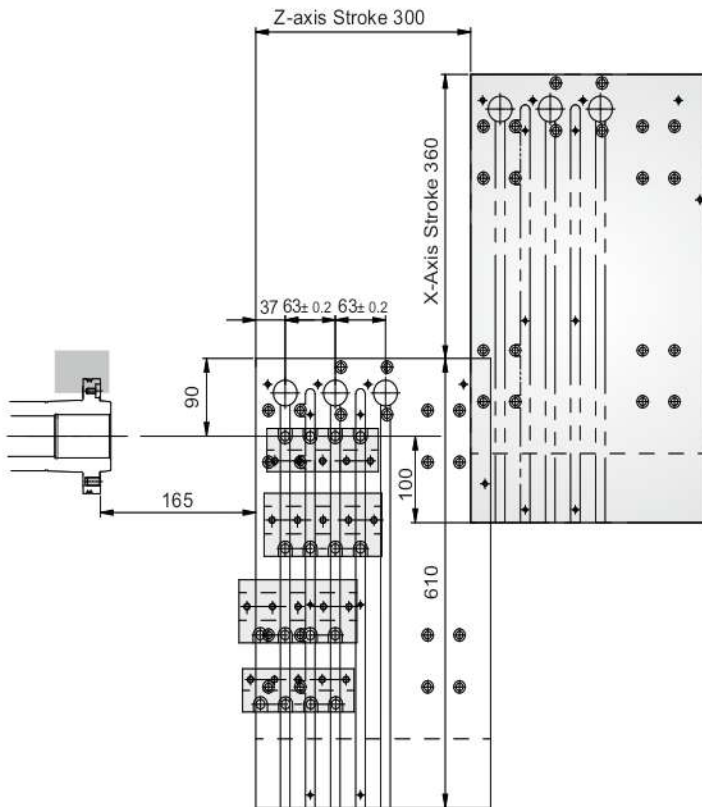


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## Machining Range Diagram



## Interference Diagram



All dimensions are in mm

## Specifications

## SLC - 16 LM G

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
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 - 15 min Rating	7.5 kW
Spindle Motor Power - Continuous Rating	5.5 kW
Full Power Range	1333 - 4000 rpm
Standard Chuck Size	165 mm
<b>Tooling</b>	
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	360mm
Z-Axis Stroke	300 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	110 litre
<b>Overall Machine Dimensions (L x W x H)</b>	3030 x 2500 x 2900 mm
<b>Overall Weight (Without Packing)</b>	~ 5000 kg

## Gantry Specifications

<b>Axis</b>	
U Axis Stroke	1500mm
U Axis rapid rate	120 m/min
V Axis stroke	640mm
V Axis rapid rate	80m/min

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.

Manufactured by:

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