

# LS 04 LM

**ACE**  
DESIGNERS

**AceMicromatic**  
Group Company



## HORIZONTAL TURNING CENTER

### Machine Features

- Rigid slant bed structure
- Cartridge type high speed spindle
- Thermally stabilized spindle
- Table mounted gang tooling
- Compact Footprint
- Precision linear motion guide ways
- 100% ball bar tested
- Separate coolant tank for easy maintenance

### Standard Accessories

- Hydraulic power operated chuck (Ø135 mm)
- AC unit for electrical Cabinet
- Drain line hydraulic oil cooler

### Optional Accessories

- Voltage stabilizer
- Spindle speed up to 6000 rpm
- Chip conveyor (Rear mount)
- 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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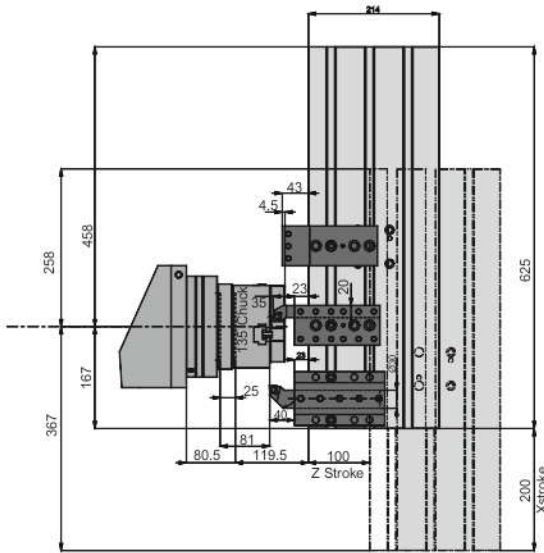


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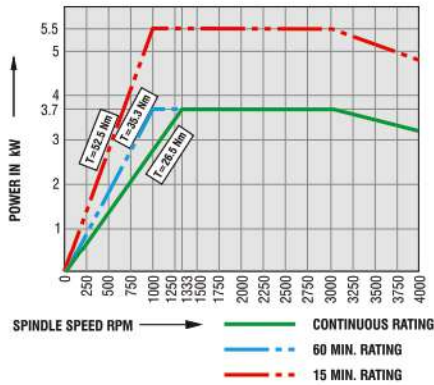


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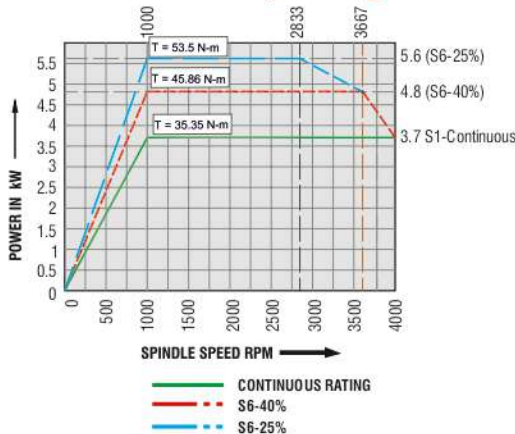
## Machining Range



## Fanuc Power Torque Diagram



## Siemens Power Torque Diagram



All dimensions are in mm

## Specifications

LS 04 LM

Capacity	
Swing Over Bed	300 mm
Swing Over table	Ø 170 mm
Optimum Turning Dia*	60 mm
Optimum Turning Length*	60 mm
Spindle	
Spindle Size / Nose	Flat Nose
Max. Bar Capacity*	Ø25 mm
Bore through Spindle	Ø36 mm
Max. Spindle Speed*	4000 rpm
Spindle Motor Power-Fanuc (continuous)	3.7 kW
Spindle Motor Power-Fanuc (15 min)	5.5 kW
Full Power Range -Fanuc	1000-3000 rpm
Spindle Motor Power-Siemens (continuous)	3.7 kW
Spindle Motor Power-Siemens (S6-40% min)	5.5 kW
Full Power Range -Siemens	1000-2800 rpm
Standard Chuck Size	135 mm
Axis	
X-Axis Stroke	200 mm
X-Axis Rapid Rate	30 m/min.
X-Axis Guideways	Linear Motion
Z-Axis Stroke	100 mm
Z-Axis Rapid Rate	30 m/min.
Z-Axis Guideways	Linear Motion
Tooling	
Tooling Type	Linear (Gang type)
No. of Stations	4
Max. Boring Bar Dia	32 mm
OD Turning Tool Size	20 x 20 mm
Coolant System	
Coolant Tank Capacity	60 l (litre)
Hydraulic System	
Hydraulic Pump Capacity	12 lpm
Hydraulic Power Pack Tank Capacity	20 (litre)
Overall Machine Dimensions	
(L x W x H)	1820 X1540 X 1930 mm
Overall Weight (Without Packing)	
	1700 Kg

\* With appropriate work holding

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:

**Ace Designers Ltd.**

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