

# COLT LM



AceMicromatic®  
Group Company



## HORIZONTAL TURNING CENTER

### Machine Features

- Powerful AC spindle motor
- High speed 4000 rpm spindle
- Thermally stabilized spindle
- Compact Footprint
- Linear Motion guide ways
- 100% ball bar tested
- Separate coolant tank-easy maintenance

### Standard Accessories

- AC spindle & axes drives
- Linear Motion guide ways
- Table mounted gang tooling
- Hydraulic power operated chuck (Dia 135 mm)
- Drain line oil cooler

### Optional Accessories

- Voltage stabilizer
- Spindle speed up to 6000 rpm
- Chip conveyor rear
- TPM - Trak productivity monitoring System
- Fixed tailstock with external rotating center

**THINK** Turning®  
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THE LARGEST MACHINE TOOL GROUP IN INDIA

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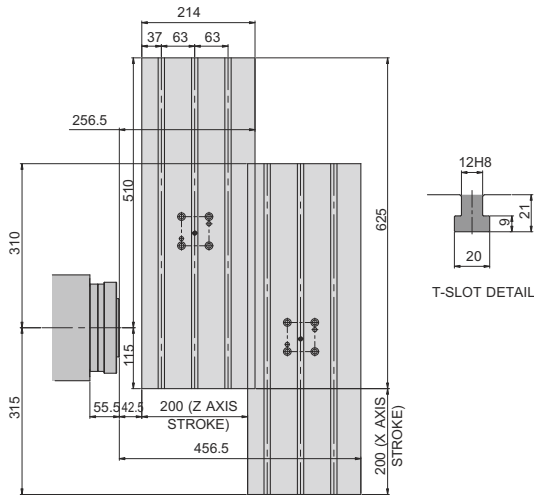


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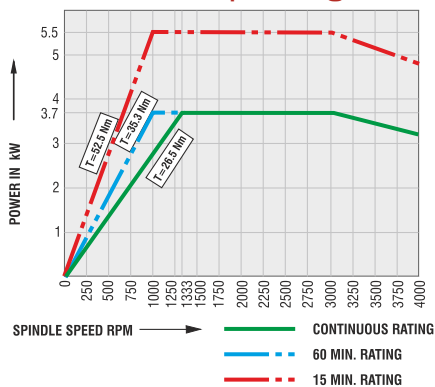


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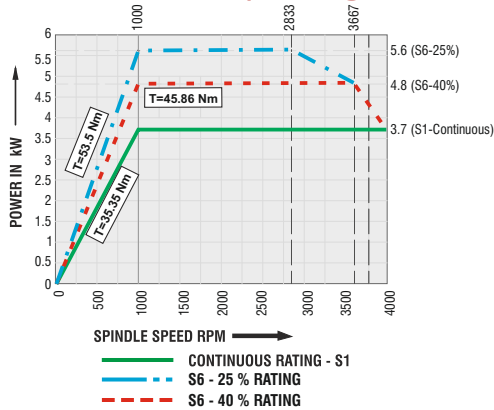
## Machining Range



## Fanuc Power Torque Diagram



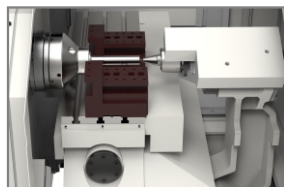
## Siemens Power Torque Diagram



## Tailstock ( Optional Feature)

Fixed tailstock with external rotating center

Tailstock quill dia	50mm
Tailstock quill taper	MT-4



All dimensions are in mm

## Specifications

Colt LM

Capacity	
Swing Over Bed	280 mm
Swing Over table	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% /S6-25%)	4.8 / 5.6 kW
Full Power Range -Siemens	1000-4000 rpm
Standard Chuck Size	135 mm
Axis	
X-Axis stroke	200 mm
X-Axis Rapid	30 m/min.
X-Axis Guideways	Linear Motion
Z-Axis stroke	200 mm
Z-Axis rapid	30 m/min.
Z-Axis Guideways	Linear Motion
Tooling	
Tooling Type	Linear
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)	1475 X1450 X 1720 mm
Overall Weight (Without Packing)	1700 Kg

\* With appropriate work holding

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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