

COLT LM

ACE[®]
DESIGNERS

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[®]
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA

Follow us on :



Ace Designers



@acedesignersblr

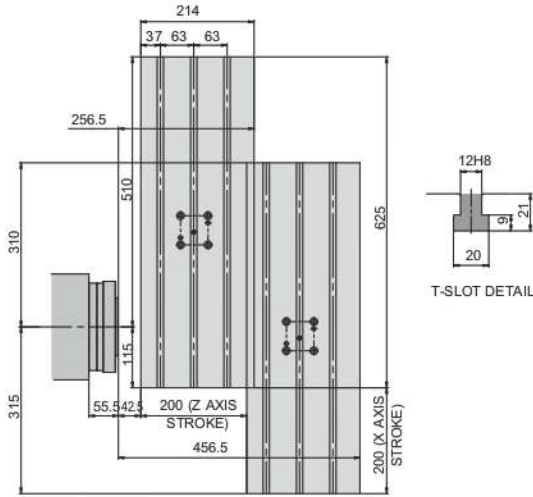


@acedesigners

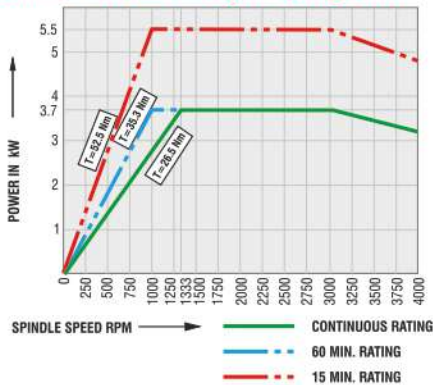


www.acemicromatic.net

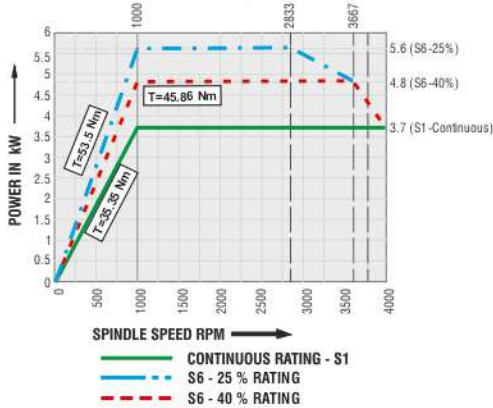
Machining Range



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:

Ace Designers Ltd.

Plant I - Plot No.7 & 8, II Phase, Peenya Industrial Area, Bangalore - 560 058, India

Tel : +91-80-2218 6700, Fax : +91-80-2218 6723, E-mail : info@acedesigners.co.in, CIN: U29199KA1986PLC007816

INDIA-Marketed & Serviced by **Micromatic®**

Ahmedabad +91 7925471145; Ambattur +91 98407 85521; Aurangabad +91 240 2552309; Bangalore +91 80 40200555; Belgaum +91 99800 02597; Bommasandra +91 80 27834836;

Chakan +91 2135 322002; Chennai +91 44 40440700; Coimbatore +91 422 4506183, 6588595; Delhi +91 11 22414232/ 42448095; Faridabad +91 129 4047000; Gurgaon +91 124 4745500 / 4745500;

Hyderabad +91 40 23070496; Indore +91 73899 39190, 73899 39191; Jamshedpur +91 657 6539931; Kolhapur +91 230 2460444, 2460123; Kolkata +91 33 26710158 / 2710100 / 033-64578825

Ludhiana +91 97791 28296; Mumbai +91 22 26861009/1976/7271/7272; Nasik +91 253 6610254; Pune +91 20 40712111/27479661/9662; Rajkot +91 7698000728 Ranipet +91 4172 272732;

Rohtak +91 8295043311; Rudrapur +91 95570 30224, +91 97201 06532; Tambaram +91 44 22265531; Thane +91 22 25829062 Trichy +91 431 2443066 Chandigarh +91 99141 91057 Bhiwadi +91 99581 09777

INTERNATIONAL

Germany +49 (0) 172 231 6688 Shanghai +86 (21) 586 650 31/32; Switzerland +41 32 652 58 41

Email: salesmmt@acemicromatic.com

