

LT 2 LM 800

ACE
DESIGNERS

AceMicromatic
Group Company



CNC TURNING SOLUTIONS

Machine Features

- Powerful AC Spindle motor
- High speed 3500 rpm spindle
- Thermally stabilised spindle
- Linear Motion Guideways
- 24 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
- Heavy duty bi-directional turret .
- Tailstock with live center
- Automatic centralized oil lubrication
- Drain line oil cooler
- Basic hydraulic system
- OD tool holder clamping block (8 nos)
- Boring bar holder (4 nos)
- Facing tool holder (2 nos)
- Set of sleeves
- Safety door interlock
- AC unit for electricals
- Programmable quill
- 3 tier lamp

Optional Accessories

- Rigid tapping
- Voltage stabilizer
- Chip conveyor-side
- TPM - Trak productivity monitoring system
- LASER calibrated axes
- Tool touch probe
- Steady rest

THINK Turning®
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA



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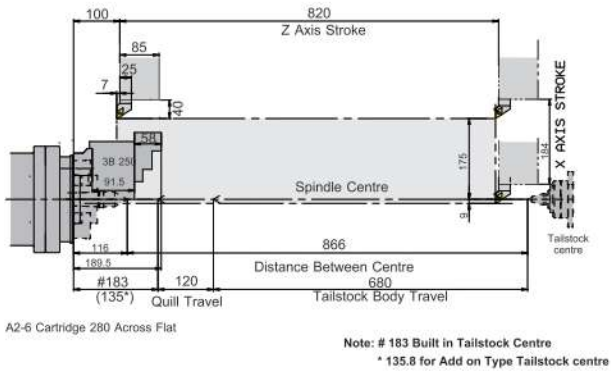


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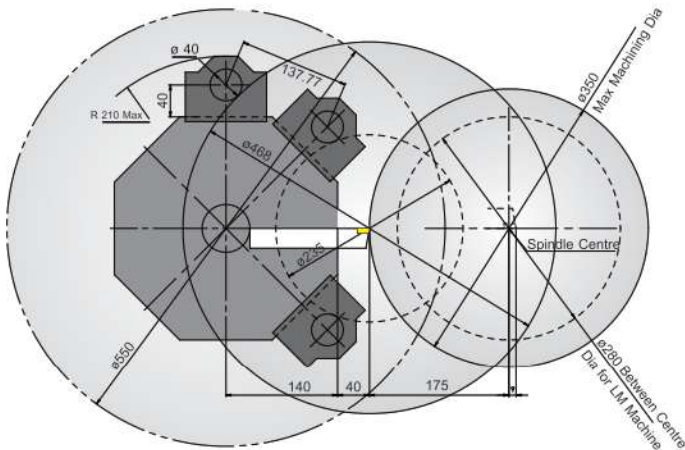


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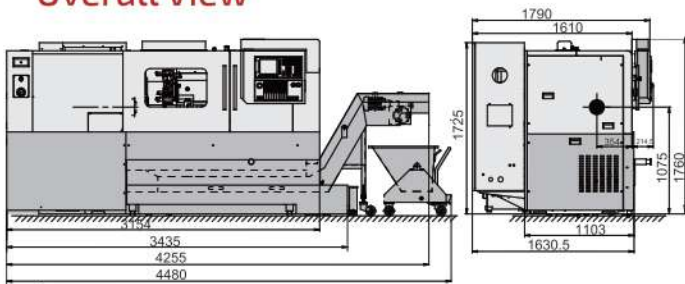
Machining Range Diagram



Interference Diagram



Overall View



All dimensions are in mm

Specifications

LT-2LM 800

Control System	Fanuc/Siemens
Capacity	
Swing Over Bed	550 mm
Swing over carriage	280 mm
Maximum Turning Dia.	350 mm
Maximum Turning Length	800 mm
Distance Between centre	866 mm
Spindle	
Spindle Nose	A2-6
Max. Bar Capacity	51 mm
Bore through Spindle	63 mm
Max. Spindle Speed	4000 rpm
Spindle Motor Power(Continuous Rating)	7.5 kW
Spindle Motor Power (15 min. Rating)	11 kW
Full Power Range (3000rpm)	1000-2250rpm
Standard Chuck Size	250 mm
Axes	
Type of Guideways	Linear motion
X-Axis Stroke	184 mm
Z-Axis Stroke	820mm
X & Z Axes Rapid Rate	24 m/min.
Tooling	
Turret Type	BTP-80
Number of Tools Maximum	8(12)
Boring Bar Dia Maximum	40 (32)mm
OD Turning Tool Size	25 x 25 (20x20) mm
Tailstock	
Tailstock Body Travel	680mm
Tailstock Quill Travel	120 mm
Tailstock Quill Dia	80mm
Quill Tapper	MT-4
Hydraulic System	
Hydraulic Pump Capacity	14 lpm
Hydraulic Power Pack Tank Capacity	45 litre
System Pressure	30Kg/cm2
Coolant Tank Capacity	140 litre
Overall Machine Dimensions(L x W x H)	3435 X 1793 X 1760 mm
Overall Weight (Without Packing)	~4500 kg

() Values mentioned in brackets are optional

* With appropriate work holding

Note: Specification 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. Features shown may not be part of the standard equipment.

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