

**INNOVATION &  
VALUE CREATION**



TURNING - MILLING - TURNMILL

CNC

MACHINES

**LMW LIMITED**  
MACHINE TOOL DIVISION



# LMW LIMITED

(formerly Lakshmi Machine Works Limited)

LMW Limited, a leading Textile Machinery Manufacturer in India and one among the three in the world to produce the entire range of Spinning Machinery. In 1962, LMW was founded to provide Indian textile mills with the latest Spinning Technology. It caters to the domestic market as well as exports products to the Asian and Oceanic regions.

LMW diversified into CNC Machine Tools and is a brand leader in manufacturing customised range of CNC machines. LMW Foundry makes Precision Castings for industries world over. LMW has added the Advanced Technology Center to manufacture components for the Aerospace Industry.



**1962 - Textile Machinery Division**  
Complete range of spinning solutions



**1988 - Machine Tool Division**  
The entire range of CNC Turning Centers, Machining Centers & Turnmill Centers



**1992 - Foundry Division**  
Grey iron castings - Modern no bake system Foundry



**2009 - Advanced Technology Center**  
Metallic & composite components, sub-assemblies for Aerospace & special applications.

**60+** YEARS OF ENGINEERING  
AND MANUFACTURING EXCELLENCE

# MACHINE TOOL DIVISION

To diversify operations, LMW established the Machine Tool Division in 1988, which is the first of its kind plant in India manufactures CNC Turning Centers, Machining Centers and Turnmill Centers. Till date, LMW MTD has supplied more than 40,000 CNC Turning Centers and Machining Centers to a wide customer base spans automobile industry, auto ancillaries, and other engineering industries. In addition to several technology partnerships to upgrade its offerings, LMW MTD has developed its indigenous research capabilities with pride and dedication.

In the hugely segmented Global market for CNC machines where a large number of old and new companies vie for a market share, LMW occupies a special place because of its highest quality, longevity, easiest-to-use machines range, best value for money, and world class customer support. LMW MTD's dedicated and experienced service team has set enviable track records in attending to customers through both on-site and remote means.



# PRODUCT RANGE



## Turning

- Horizontal Turning Centers
- Twin Spindle Twin Chucker Turning Center
- Vertical Turning Centers



## Turnmill

- Horizontal Turnmill Centers
- Vertical Turnmill Centers



## Milling

- Drill Tap Centers
- Vertical Machining Centers
- Twin Spindle Vertical Machining Centers
- Moving Column Vertical Machining Centers
- Horizontal Machining Centers
- 5 Axis- Vertical Machining Centers

# INTEGRATED SOLUTIONS



Turning



Milling



Turnmill



Tooling Up



Automation



Process Control



CAD/CAM



Machine Information System



E-Service

# MACHINING SOLUTIONS



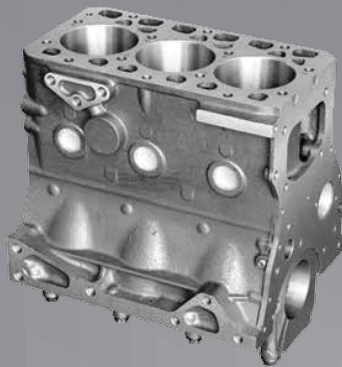
Pump Body



Differential Case & Steering Knuckle



Injection Mould



Engine Block



Blisk



Bone Plate



Fasteners

## Solutions Crafted for every **Industry**



Automobile



Die & Mould



Pump & Valve



Railway



Agri & Earth Movers



Defence



AerospAce



Energy



General Engineering



Medical



Electronics



Oil & Gas

## Smart Series



Smart Minimaster



Smart Minimaster Linear



Smartturn



S Turn I

## S Turn

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNING - HORIZONTAL TURNING CENTERS</b>					
Smart Minimaster	135	150	200	6000	5.5 / 3.7
Smart Minimaster Linear	135	130	200	6000	5.5 / 3.7
Smartturn	165	200	262	4500	7.5 / 5.5
S Turn I	165 / 200	320	300	4500	7.5 / 5.5

## LX Series



LX20T L3 / L5



LX20T L7

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNING - HORIZONTAL TURNING CENTERS</b>					
LX20T L3	200	320	310	3500	11 / 7.5
LX20T L5	200	320	500	3500	11 / 7.5
LX20T L7	200	320	687	3500	11 / 7.5

## LL Series



LL20T L3 / L5 / L7



LL20T L10 / L12

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNING - HORIZONTAL TURNING CENTERS</b>					
LL20T L3	200	380	310	3500	15 / 11
LL20T L5	200	380	500	3500	15 / 11
LL20T L7	200	380	690	3500	15 / 11
LL20T L10	200	380	1040	3500	15 / 11
LL20T L12	200	380	1250	3500	15 / 11
LL30T L7	300	420	611	3000	18.5 / 15
LL30T L10	300	420	960	3000	18.5 / 15
LF20C Twin	200	240	117	4000	11 / 7.5

▲ Twin Spindle Twin Turret

Note : LL20T Series available with 250mm chuck and 18.5 / 15kW spindle motor.

## LF Series



LL30T L7 / L10



LF20C Twin

## LR Series



LR30T L7



LR30T L17 / L30



LR40T L15



LR40T L25

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNING - HORIZONTAL TURNING CENTERS</b>					
LR30T L7	300	470	700	3500	18.5 / 15
LR30T L17	400	550	1700	1900	22 / 18.5
LR30T L30	400	550	3000	1900	22 / 18.5
LR40T L15	400	600	1500	1900	22 / 18.5
LR40T L25	400	580	2500	1900	22 / 18.5

▲ Rigid Integral Box Guideways

## LTV Series



LTV 30 Plus



LTV 40 Plus



LTV 50

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNING - HORIZONTAL TURNING CENTERS</b>					
LTV 30 Plus	300	540	800	2500	18.5 / 15
LTV 40 Plus	450	640	750	1800	22 / 18.5
LTV 50	530	800	800	1800	22 / 18.5

## TURNING

machines are available with INTEGRAL SPINDLE (OPTIONAL)

# T U R N I N G

## JD Series



JD1 / JD 1L



JD2 / JD2 L



JD4 / JD4 L

### SPECIFICATION CHART

MODEL	X Axis Stroke (mm)	Y Axis Stroke (mm)	Z Axis Stroke (mm)	Spindle # Speed (rpm)	Spindle# Power (kW)	Table / Pallet Size (mm)
<b>MILLING - VERTICAL MACHINING CENTERS</b>						
JD1	500	400	320	24000	26 / 11 / 4.5	650 x 400
JD1L	700	400	320	24000	26 / 11 / 4.5	850 x 400
JD2	500	400	320	12000	7.5 / 5.5 / 3.7	650 x 400
JD2L	700	400	320	12000	7.5 / 5.5 / 3.7	850 x 400
JD4	500	400	450	8000	11 / 7.5 / 5.5	650 x 400
JD4 L	700	400	450	8000	11 / 7.5 / 5.5	850 x 400

## JG Series



JG50



JG50 R

### SPECIFICATION CHART

MODEL	X Axis Stroke (mm)	Y Axis Stroke (mm)	Z Axis Stroke (mm)	Spindle # Speed (rpm)	Spindle# Power (kW)	Table / Pallet Size (mm)
<b>MILLING - VERTICAL MACHINING CENTERS</b>						
JG50	500	400	400	12000	15 / 11 / 7.5	600 x 400
JG50 R	480	400	400	12000	15 / 11 / 7.5	550 x 380

▲ Moving Column VMC    ▲ Machining Center with Rotary Pallet Changer

## J Series



J1



J2 / J5



J3 / J6

### SPECIFICATION CHART

MODEL	X Axis Stroke (mm)	Y Axis Stroke (mm)	Z Axis Stroke (mm)	Spindle # Speed (rpm)	Spindle# Power (kW)	Table / Pallet Size (mm)
<b>MILLING - VERTICAL MACHINING CENTERS</b>						
J1	600	500	500	8000	18.5 / 15 / 11	900 x 500
J2	800	500	500	8000	18.5 / 15 / 11	1000 x 500
J3	1000	500	500	8000	18.5 / 15 / 11	1200 x 500
J5	800	600	600	8000	18.5 / 15 / 11	1000 x 600
J6	1000	600	600	8000	18.5 / 15 / 11	1200 x 600

▲ Option:

RAPC - Rotary Automatic Pallet Changer

LAPC - Linear Automatic Pallet Changer

## JV Series



JV 84



JV 130 / 150



JV 200



JVM 60



JV 55 Twin



JV 130 Twin

## JU Series



JU 40

### SPECIFICATION CHART

MODEL	X Axis Stroke (mm)	Y Axis Stroke (mm)	Z Axis Stroke (mm)	Spindle # Speed (rpm)	Spindle# Power (kW)	Table / Pallet Size (mm)
<b>MILLING - VERTICAL MACHINING CENTERS</b>						
JV 84	800	500	500	6000	15 / 11	1050 x 500
JV 130	1300	700	650	6000	15 / 11	1350 x 660
JV 150	1550	760	760	8000	18.5 / 15 / 11	1700 x 700
JV 200	2000	900	800	4000	18.5 / 15	2100 x 800
JVM 60	640	460	600	6500	11 / 7.5	700 x 500
JV 55 Twin	800	450	600	10000	7.5 / 5.5	1050 x 450
JV 130Twin	1300	700	650	4000	22 / 18.5	1350 x 660
JU 40	400	550	550	12000	33 / 26.4 / 22	500 x 400

▶ Twin Spindle VMC 
 ▶ Moving Column VMC 
 ▶ Machining Center with Rotary Pallet Changer  
▶ BT 50 Spindle 
 ▶ 5 Axis VMC

## JH Series



JHF 400



JH 400



JH 500 / 550



JH 63

### SPECIFICATION CHART

MODEL	X Axis Stroke (mm)	Y Axis Stroke (mm)	Z Axis Stroke (mm)	Spindle # Speed (rpm)	Spindle# Power (kW)	Table / Pallet Size (mm)
<b>MILLING - VERTICAL MACHINING CENTERS</b>						
JHF 400	600	550	550	6000	15 / 11	400 x 400
JH 400	600	600	640	6000	18.5 / 15	400 x 500
JH 500	800	800	800	6000	26 / 22 / 18.5	500 x 630
JH 550	800	800	850	6000	37 / 30 / 22	500 x 630
JH 63	1020	800	1000	4000	22 / 18.5	630 x 800

▶ BT 50 Spindle 
 ▶ Machining Center with Rotary Pallet Changer 
 ▶ Fixed Column HMC

## S Turn M Series



S Turn 2M

## LL Series



LL20TM L5



LL20MY L5



LL20MYS L5



LL20TM L7 / L10



LL30TM L7 / L10

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNMILL CENTERS</b>					
S Turn 2M	200	320	400	4500	7.5 / 5.5
LL20TM L5	200	260	455	4000	15 / 11
LL20MY L5	200	300	414	4000	11 / 7.5
LL20MYS L5	200	290	464	4000	11 / 7.5
LL20TM L7 / L10	200	260	675 / 975	4000	15 / 11
LL30TM L7 / L10	300	300	522 / 777	3000	18.5 / 15

▲ Y-Axis Turnmill Center

Note : LL20T Series available with 250mm chuck and 18.5 / 15kW spindle motor.

## LR Series



LR30TM L7



LR30TM L17



LR30MY L17 / L30



LR30TM L30



LR40TM L15



LR40TM L25

### SPECIFICATION CHART

MODEL	Chuck Dia (mm)	Max Turning Dia (mm)	Max Turning* Length (mm)	Spindle# Speed (rpm)	Spindle# Power (kW)
<b>TURNMILL CENTERS</b>					
LR30TM L7	300	400	630	3500	18.5 / 15
LR30TM L17	400	550	1700	1900	22 / 18.5
LR30TM L30	400	550	2970	1900	22 / 18.5
LR30MY L17	400	520	1715	1900	22 / 18.5
LR30MY L30	400	520	2900	1900	22 / 18.5
LR40TM L15	400	570	1400	1900	22 / 18.5
LR40TM L25	400	550	2335	1900	22 / 18.5
LTV 30 M	300	394	392	2500	18.5 / 15
LTV 50M	530	700	650	1800	22 / 18.5

▲ Y-Axis Turnmill Center

▲ Rigid Integral Box Guideways

## LTV Series



LTV30 M



LTV 50M

## TURNMILL

machines are available with INTEGRAL SPINDLE (OPTIONAL)

# T U R N M I L L

## AUTOMATION

### Flexzy Bot

The Flexzy Bot is an automated system designed to handle the loading and unloading of workpieces, such as raw materials or finished components, from machines.

It is a compact and efficient solution aimed at enhancing both efficiency and productivity.

This automated solution is ideal for industries focused on bulk production, such as automobile, fittings, pump and general engineering, etc., driving improved efficiency and quality in manufacturing processes.

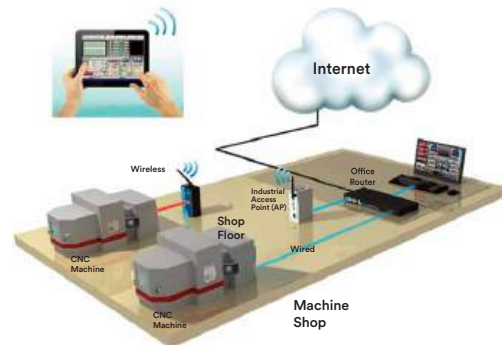
### Features

- Equipped with a 6-axis industrial cobot capable of handling a payload of up to 12 kg
- Compact design with overall dimensions of 1850 mm x 1200 mm x 1550 mm, suitable for space-constrained environments.
- Engineered to tend up to three CNC machines simultaneously.
- Capable of handling workpieces with a maximum height of 200 mm and round bar diameters between 5 mm and 225 mm, providing versatility for various component sizes.
- Features a portable cell with a configurable 3 to 10-drawer stacker system, each drawer measuring 500 mm x 590 mm.
- The component tray features a removable plate that can be adjusted to accommodate different component sizes.

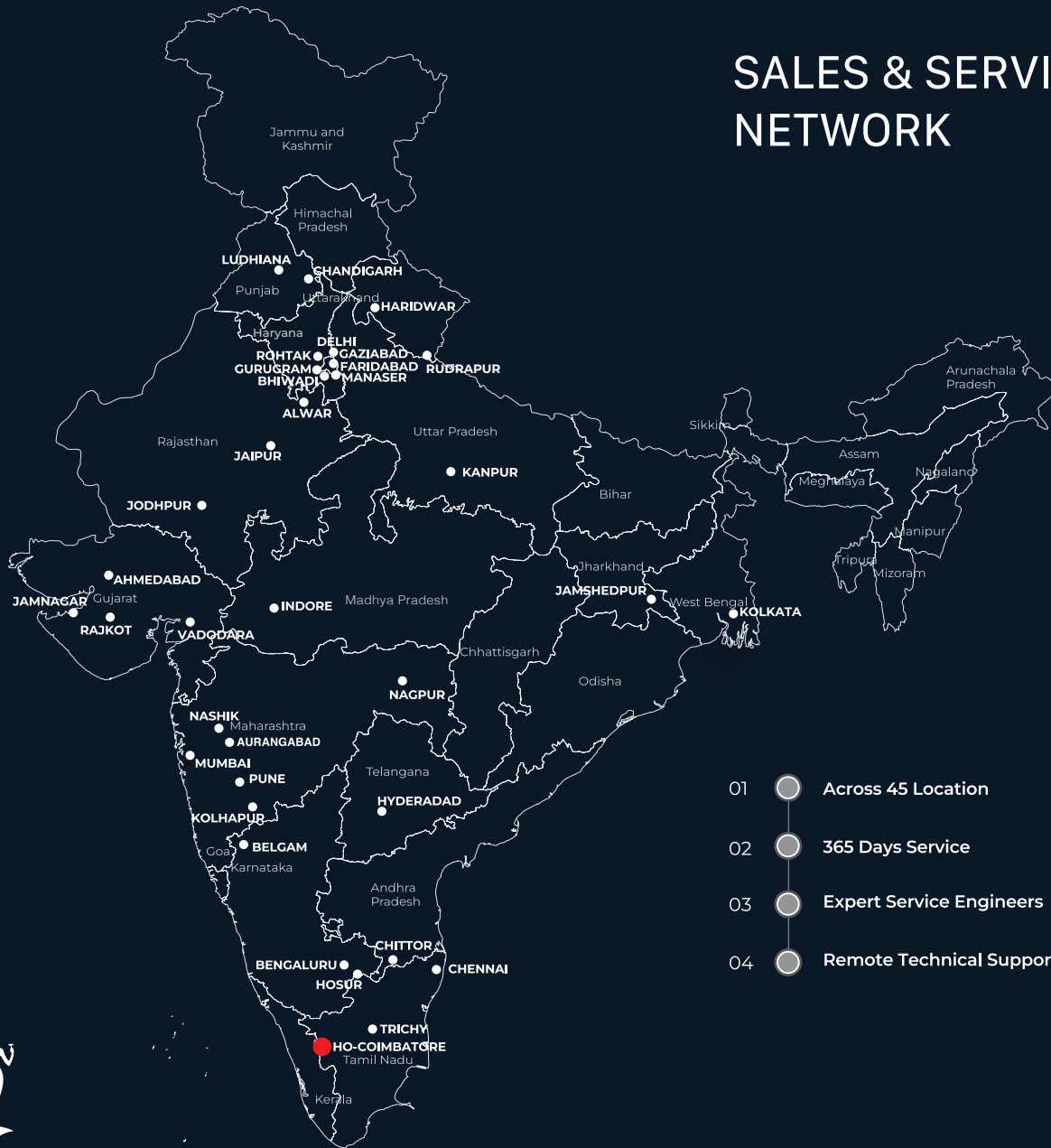


## IIOT

- Production Monitoring System
- Condition Monitoring System
- Quality Management System
- Asset Management System
- Smart App for Operator
- Digital Service Request System



# SALES & SERVICE NETWORK



- 01  Across 45 Location
- 02  365 Days Service
- 03  Expert Service Engineers
- 04  Remote Technical Support



**LMW LIMITED**

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INDIA'S FINEST  
 RANGE OF CNC MACHINES



lmwcnc.com



Note : Specifications and colours are subject to change without prior notice. Accessories shown may not be part of standard equipment.