

**ENGINEERING DIVISION**

YOU DEMAND WE DELIVER



Lakshmi Ring Travellers (Coimbatore) Limited (LRT), a group company of reputed Lakshmi Machine Works Limited (LMW) is situated in Coimbatore India. LRT was incorporated in the year 1974 and had started its subcontracting activities in the year 1978. Over the years, it has been offering its facilities to various industry segments. The factory premises occupies an area of 10,500 sqm and the build up space for subcontracting facilities are housed in a area of 5,500 sqm.

LRT also has a manufacturing facilities for CNC Profile Cutting Machines. These machines are manufactured in collaboration with Zinser, Germany.

At LRT, quality control is serious business. LRT has testing facilities to ensure that all the components which leave their premises meets with the required quality standards. We have been certified by Underwriters Laboratories (UL) as an ISO 9001 - 2000 (version) company. LRT is a company with an unprecedented commitment to service and support, to quality products, and innovative ideas.

LRT specializes in offering services in the following areas :

- CNC Machining
- Heavy Turning
- Grinding
- CNC Profile
- Cutting
- Fabrication

LRT offers its services to various industry groups which include :

- Aerospace
- Heavy Engineering
- Textile Machinery
- Printing Machinery
- Medical Instruments
- General Engineering



## LRT - INFRASTRUCTURE

LRT is equipped with state of art infrastructure to cater the diverse requirements of the clients :

S.No.	Type of Machine	Name and Model	Machine Specification
1	CMM	DEA (Global Advantage) 15.33.14	X axis - 1500mm Y axis - 3300mm Z axis - 1400mm
2	Horizontal Machining Centre	Makino a81	Max Length - 1020mm Max Width - 800mm Max Height - 900mm Pallet Size - 630 X 630
3	CNC Universal Machining Centre	Anayk	Max Length - 5000mm Max Width - 500mm Max Height - 510mm Pallet Size - 400 X 400
4	CNC Vertical Turning Centre	O'M	Max Turning Dia - 2000mm Max Turning Length - 1500mm
5	Horizontal Machining Centre	LMW Ooty 40	Max Length - 560mm Max Width - 500mm Max Height - 510mm Pallet Size - 400 x 400

S.No.	Type of Machine	Name and Model	Machine Specification
6	CNC Machining Centre	LMW Kodi 40	Max Length - 500mm Max Width - 400mm Max Height - 460mm
7	CNC Turning Centre	LMW AL 22B	Max Turning Dia - 250mm Max Turning Length - 500mm
8	CNC Turning Centre Machining Centre	LMW Rigi 25	Max Turning Dia - 260mm Max Turning Length - 600mm
9	CNC Centre Lathe	HMT Ecnoc CNC 26	Max Turning Dia - 520mm Max Turning Length - 2000mm
10	CNC Flame Cutting Machining	LRT LZ 1211	Max Cutting Length - 2000mm Max Cutting Width - 1000mm Max Cutting Thick - 100mm
11	Double Column Plano Miller	HEC PD 16	Max Length - 4000mm Max Width - 1600mm Max Height - 1600mm
12	Double Column Plano Miller	TOS Hulin FP 16	Max Length - 3000mm Max Width - 1250mm Max Height - 1250mm

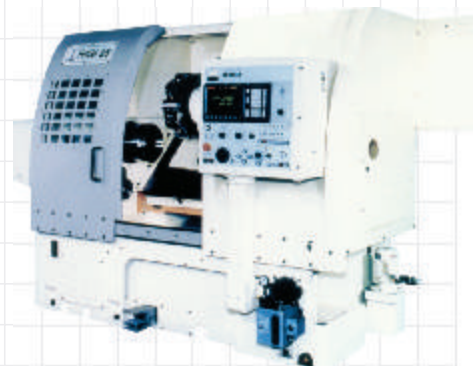


## LRT - INFRASTRUCTURE



S.No.	Type of Machine	Name and Model	Machine Specification
13	Vertical Milling	HMT FN 3	Max Length - 2050mm Max Width - 355mm Max Height - 425mm
14	Horizontal Milling	HMT FN 3	Max Length - 2050mm Max Width - 355mm Max Height - 425mm
15	Horizontal Milling	Tos Kurim FGSH 50	Max Length - 1800mm Max Width - 500mm Max Height - 500mm
16	Vertical Turret Milling	Cooper 13 EK 150	Max Turning Dia - 1500mm Max Turning Length - 1100mm Max Turning - 825mm
17	SPM Lathe	Beco Enngg.Co	Max Turning Dia - 1400mm Max Turning Length - 1200mm Max Facing Length - 1200mm
18	Balancing M/C Horizontal	Ashok Bros H - 160 A - 35	Max Work Dia - 1600mm Max Work Length - 2200mm

S.No.	Type of Machine	Name and Model	Machine Specification
19	Cylindrical Grinding	HMT G 22 P	Max Grinding Dia - 440mm Max Grinding Length - 2000mm
20	Centre Lathe	HMT NH 26	Max Turning Dia - 520mm Max Turning Length - 2000mm
21	Radial Drilling Machine	HMT RM 63	Max Turn Radius - 1790mm Min Drilling Radius - 530mm Drilling in Solid - 60mm Tapping - 2 1/2 Inch
22	Hydraulic Power Bending Press with Straightening Table	Oriental Hydraulic C' Frame - PYE	Capacity - 63 Ton Ram Stroke - 250mm Working height - 710mm
23	Universal Tool and Cutter Grinding	HMT GTC -28	Swing Dia - 280mm Max Length - 760mm
24	Bench Drilling Machine	PMT	Spindle MT 2 1/2 Inch



## LRT ADVANTAGE

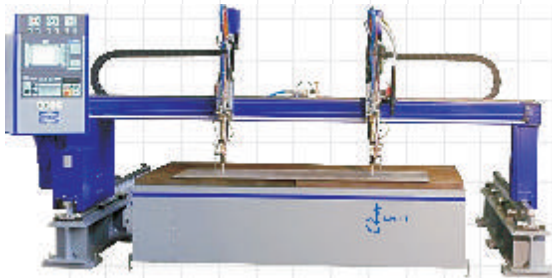


LRT has the expertise of taking up subcontract jobs for large machining parts as well as small size precision components. One of the regular jobs done at LRT include Cylinder machining of size 1500mm dia and 1m length , which is done for a reputed textile machinery manufacture. LRT is also supplying parts for rockets and aeroplanes and is in the approved vendor list of manufacturers. These parts require a tolerance levels of 3 microns and has various intricate operations in most parts. LRT has a skilled manpower who has expertise in machining complex parts with many hours of experience in this field. Timely delivery, adherence of stringent quality standards and continuous upgradation of state of the art machinery are few of the reasons for satisfied customers at LRT.





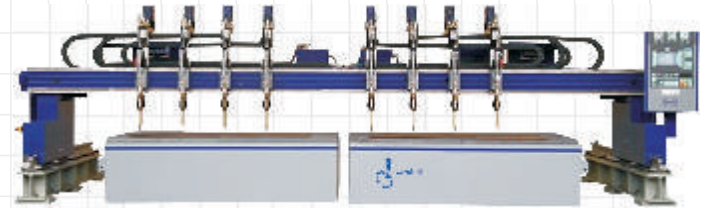
## **LRT CNC FLAME / PLASMA CUTTING MACHINE SPECIAL FEATURES**



- Transverse guide rails are made of LM guide ways
- Longitudinal guide rails are precision ground with ensure machine stability
- Transverse drive, longitudinal drive has rack & pinion arrangements with AC Servo motors and encoder.
- Dual drive gantry axis
- Planetary gearbox
- Large diameter ground and hardened running wheels and adjustable lateral guides ensure long and trouble free working of the machine
- Torch Station parked on LM Guide Gantry
- Motorized height adjustment of torch
- Minimum distance between torches 200mm
- Servo voltage controlled stabilizer with Isolation Transformer

## ***SPECIAL FEATURES***

- A large, efficient program to solve your cutting problems.
- Widest range of cutting quality.
- Custom built systems for specific application in fabrication industries
- Minimum energy and Gas consumption.
- Cutting most Complicated profiles.
- Superior cutting quality



Note : We can customize & offer you a machine for your specific requirement of cutting length, width and number of torches (flame & plasma)



## **LAKSHMI RING TRAVELLERS (COIMBATORE) LIMITED**

**Unit -II - Engineering Division**

Sulur Railway Feeder Road, Kurumbapalayam, Muthugoundenpudur, Coimbatore - 641 406, India.  
Tel: (0422) 2205000. Fax: (0422) 2205010. E-mail: [info@lrtltd.com](mailto:info@lrtltd.com). Website: [www.lrtltd.com](http://www.lrtltd.com)