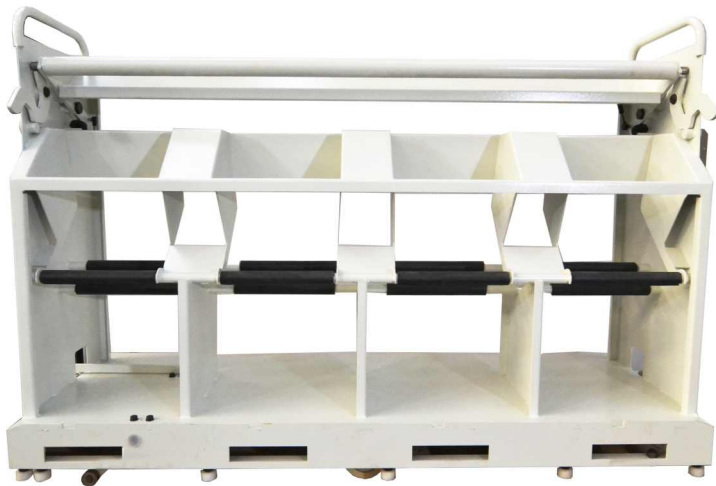




SHEET METAL DIVISION

A commitment to excellence...



Lakshmi Precision Tools Limited (LPT) is an ISO 9001, ISO 14001, OHSAS 18001 and 5s Certified company established in 1983. Headquartered in Coimbatore, India, the city known for textile machinery and manufacturing; LPT is associated with **Lakshmi Machine Works Ltd (LMW)**, a world leader in textile machinery.

LPT specializes in production of Thin Walled High Pressure / Gravity Die Castings, High Precision Machined Components, Fabricated Sheet Metal Components & Ready-to-fit Sub-assemblies for General engineering applications.

Our infrastructure includes a full-fledged Tool Room, R&D Centre, Chemical & Mechanical Testing Laboratories and latest version of Design Software for enhanced designing capability

Sheet Metal fabrication & Assembly

LPT's modernized manufacturing unit for Sheet Metal is operational since 2013 and it is spread over 60,000 sq. ft. The unit is equipped with world-class machinery and equipment.

The facility is backed-up by a well-organized Design & Development Centre and excellent QA in place.



Laser Cutting



We offer high precision laser cutting services with our world class Optic Fiber laser cutting machine from SALVAGNINI, Italy. We have specialized in cutting industrial materials like Stainless Steel, CRCA, HR, GI Sheet, Aluminum, Copper, and Brass with the thickness varying from 0.8 mm to 16 mm

- Advantages of our world class laser cutting technology include,

- Excellent edge quality, consistency, accuracy & repeatability
- Very less scrap generation with the use of world class Nesting software

Turret Punch Press

Professional sheet metal processing is made possible at LPT through TRUMPF punching technology which permits complex, three-dimensional sheet processing, with the goal of complete processing on one machine. TRUMPF Shall Handle 18 fully rotatable tools & shall cut up to 6.4mm thickness.

Advantages of our TPP Technology include,

- High Speed punching, Forming and Tapping
- Very High Operation Reliability & High Productivity
- Versatile, Flexible & Robust



Press Brake

We do Precision Sheet metal bending with servo driven Hydraulic press brake DURMA from Turkey.

Advantages of our Press Brake Bending include,

- High positional accuracy and consistent in quality
- Shall handle up to 3 metre length components
- Shall bend up to 6 mm thickness



Welding

We handle all type of welding includes MIG WELDING (Inverter Type), TIG, SPOT & STUD Welding meeting international standards,

- Well qualified and IWS certified work force
- WPS qualification as per European standards
- UL approved welding facility
- Digital Welding Capability (For Higher Wall-thickness)

Powder Coating

LPT's world class conveyORIZED Powder coating set-up is equipped with,

- 11 Tank Zinc Hot Phosphating (Dip Type) Pre- treatment plant with PLC controlled Auto Transporter.
- Iron phosphating Pre-treatment plant.
- Mono Cyclone Powder Coating Booth from NORDSON, USA.
- High Speed Guns from GEMA, GERMANY.
- Assuring 300 Hours to 1200 Hours of salt spray testing.



Supporting Activities

- Semi-Automatic assembly line with Pneumatic & Battery-operated hand tools.
- Facility available for Nut Popping, Nut Clinching and Riveting for better aesthetics.



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