



SRI MAHA LAKSHMI
ENGINEERING WORKS



About Us



WELCOME TO SRI MAHA LAKSHMI ENGINEERING WORKS:

Sri Mahalakshmi engineering work is a leading company engaged in the manufacturing of High Precision Engineering Components, Mechanical Sub-Assemblies and Tooling Systems for Aerospace, Oil & Gas.

Sri mahalakshmi is a leading provider of engineering and manufacturing solutions. Sri mahalakshmi expertise ranges from CAD/CAM (Drawing to 2D, 2D to 3D Modelling, Programming & Manufacturing Methods), CNC Machining (CNC Milling 4th Axis and 5th Axis & Turning) and we have also conversion Milling, turning and grinding.

Sri Mahalakshmi has expertise in manufacturing Aero structures, Avionic Components, Aero Engine Components, Antenna & Missile components and Sub-Assemblies.

Services

✈ CNC Machining

- CNC Milling
- 4-Axis
- 5-Axis
- CNC Turning

✈ CAD/ CAM Services

✈ Tool Design and Fabrication

✈ Quality

✈ 3D Coordinatr Measuring Machine (CMM)

✈ Supply Chain Management

✈ CNC Machining

CNC (Computer Numerical Control) machining is an assembling cycle in which pre-customized PC programming directs the development of production line instruments and apparatus. The interaction can be utilized to control scope of complicated hardware, from processors and machines to plants and CNC switches.

TURNING:

Our CNC turning centers supports large diameter turning at closed tolerance.

Size: Diameter 3mm to 500mm & 3mm to 800mm long

Tolerance: 10 microns & RA finishes of 12.

MILLING:

Our CNC milling Centers supports 3 axes, 4th axis and 5th axis machining at closed tolerance

Sizes: X- 3mm to 1500

Y- 3mm to 800

Z- 3mm to 850

A- 360, B+ -110, +110 Digress

Tolerance: 10 microns & RA finishes of 12

Milling:

S.No	Name of machine	QTY	Capacity in(mm/degree)
1	agni-45	1	X-800,Y-500,Z-500
2	BMV	1	X-1000,Y-600,Z-500
3	VML	1	X-1000,Y-600,Z-500
4	TILTING TABLE	1	A=360,B=110,-110
5	TILTING TABLE	1	A=360,B=110,-110
6	COSMOS	3	X-1000,Y-600,Z-500
7	COSMOS	1	X-1500,Y-800,Z-850
8	COSMOS	2	X-600,Y-450,Z-500

Turning:

S.No.	Name of Machine	QTY	Capacity in mm
1	LML-250	1	Chuck dia 250
2	LML-250	1	Chuck dia 200

EDM:

Name Of Machine	Nos	Year Of Purchase
Sparkonix	2	2018
Electronic	1	2016



CAD/ CAM Services:

- Drawing to 2D Drafting
- 2D to 3D Modelling
- NC Programming Solutions
- Animated Models to show the Process of Manufacturning.

Tool Design & Fabrication

Our core comptrnce is tooling design, with a particular focus on design for manufacturability. We conmine manufacturing engineering expertise with practical shop floor experience. We understand how to design tool" that work for the workers".

In house design center, CNC Machine Shop and Inspection equipment helps the company to provide the best quality tooling systems(Jig & Fixtures) to its customers.

2D & 3D Tool Design Turn Key Develop & Manufacture of the tool.

Quality:

We have Comprehensive range of inspection equipment including mititoyo digital measuring equipment ranging from vernier callipers, Bore Gauges, height gauges, bevel protractor, dail gauges.

- 3D Coordatinatr Measuring Macchine (CMM)



Services

Supply chain management

Alloy Steel, Stainless Steel, Brass & Cooper based alloys from local sources.

Exotic Metals & Nickel alloys like inconel, titanium, nitronic steels from sources in USA , UK & Singapore.

AMS grade raw material from aerospace approved sources in USA & UK.

ISO	9001:20015
Surface Treatment	Passivation, Anodisation, Chromation, Electro Plating
Welding	TIG/MIG/ARC Welding
Heat treatment	Vacuum, Precipitation Hardening, Nitrating
Plating	Epoxy, Polyurethane import & export to Asia, Europe & North America - Air & Sea.



Certificate of Registration

This is to certify that

SRI MAHALAKSHMI ENGINEERING WORKS
5- 35/227, SHAKTHIPURAM, PRASHANTHI NAGAR, KUKATPALLY,
HYDERABAD, 500072, TELANGANA, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**MANUFACTURING OF HIGH PRECISION ENGINEERING
COMPONENTS FOR AEROSPACE, OIL AND GAS APPLICATIONS.**

Date of Certification: 23rd May 2022 2nd Surveillance Audit Due: 22nd May 2024
1st Surveillance Audit Due: 22nd May 2023 Certificate Expiry: 22nd May 2025

Certificate Number: 305022052314Q



Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted: this certificate shall be suspended / withdrawn).
The Validity of this certificate can be verified at www.qrocert.org
This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

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Gallery





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