



**Lee**

**Hydraulics & Fasteners (P) Ltd.**

Manufacturers of

**SPECIAL ALLOY FASTENERS, PRECISION COMPONENTS & FORGINGS**

## Company Profile



Established in the year 1985, **LEE HYDRAULICS & FASTENERS (P) LTD.** is bound by Innovative ideas, strong will, dedicated pursuance, qualified well motivated work for quality centric and reliability. Constant innovation and continuous technical upgradation keeps the company at leading edge. For the first time in the country, our company has successfully established indigenous production facility of the fasteners with the most critical machine alloys like marringing steels, Titanium Alloys and nickel based super alloys, which are uniquely developed and manufactured in order to cope with International Standards. Our Managing Director Chindam Venkatesh being the backbone of the company, has a profound knowledge and rich experience in this field. He has done many R&D works in Manufacturing Fasteners & Components of typical metals like Titanium & Nickel Alloys for first time in India, which were appreciated and recognized by renowned scientists. We take this opportunity to introduce our self as one of the leading manufacturers of Special Alloy Fasteners, Precision Components & Forgings. We take up batch quantity with in house facility for manufacturing , testing and certification of the product as per customer specified quality plan.

**Our motto is to give best quality, fast service and cost effective product.**

## Product Range (M2 to M100)

### Fasteners

Hex Socket Head Cap Screws / Bolts  
 Hex Head Screws / Bolts  
 Offset Cruciform Screws / Bolts  
 Bi-Hexagonal Screws / Bolts  
 CSK Head Screws / Bolts  
 Pan Head Screws / Bolts  
 Thruss Head Screws / Bolts  
 Cone Head Screws / Bolts  
 Cheese Head Screws / Bolts  
 Aluminium & Special Alloy Rivets  
 Studs  
 Special Fasteners (Non Standard)  
 Grub Screws  
 Hex Nuts  
 Heavy Hex Nuts  
 Anchor Nuts (Single leg, Double leg & Butterfly)  
 Flanged Nuts  
 Lock Nuts  
 Nylock Nuts  
 Plain Washers (Machined & Punched)  
 Tab Washers (as per drawing)  
 Spring Washers  
 Dowel Pins

### Raw Materials

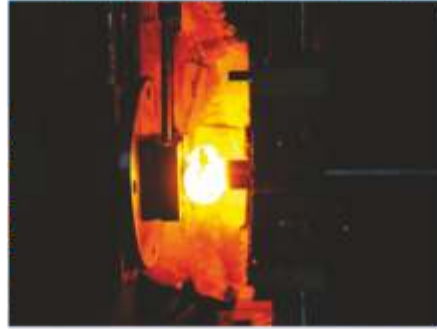
Titanium Alloy (TI-6AL-4V) (900 & 100 Mpa )  
 Columbium C-103 Grade  
 Marringing Steel (MDN 250) (1800 Mpa)  
 13-8 MO 1450 Mpa  
 Inconel 718 1400 Mpa  
 A-286 (1000 - 1300 Mpa)  
 35 NCD 16 (1220 Mpa)  
 EN24 ESR Grade (1220 Mpa)  
 15-5PH Steel (H1025/H900)  
 17-4PH Steel (H1025/H900)  
 Z30C 13 Steel  
 Wasp Alloy & Rane 21  
 Aluminum Alloys & Other Special Alloys

## Fasteners Flow Chart



## Product Range

### Components & Forgings



### Mining Components



### Hydraulic Fittings



### Titanium Bio-medical



## In House Machinery

### Cold Forging

1 die : 2 blow 1/2"  
1 die : 2 blow 5/16"  
4 die : 4 blow 5/16"

### Warm Forming

250 KVA Heating machine  
100 KVA Heating machine  
50 KVA Heating machine

### Forging Press

630 Ton Screw Press  
250 Ton Screw Press  
120 Ton Screw Press  
100 Ton Power Press  
40 Ton Power Press  
15 Ton Power Press

### Heat Treatment Facility

Vacuum furnace  
Sealed quench furnace  
Rotary furnace

### CNC Machine

Galaxy Lathe  
Okk Vertical Machine Centre  
Miyano Turn Mill Centre  
Mori Seike Sub Spindle  
Index 42  
Lokesh CNC L 20



## New Forging Facility M/s. The Marvellous Forgings

1. 2500 Tons Bliss Forging Press
2. 1600 Tons Servo Press
3. 400 Tons Hydraulic Press
4. 600 KVA Induction Heater
5. 500 KVA Induction Heater
6. Circular saw Cutting Machines
7. VMC 5 Axis machines
8. Short Blasting Machine



### Thread Rolling Machine

40 Ton Thread Rolling  
15 Ton Thread Rolling  
Flat Thread Rolling



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## In House Testing Facility

Faro Gage (Portable CMM)

60 ton. Universal Testing Machine

20 ton. Universal Testing Machine

Bench Type Magnetic Particle Test

DP Test Apparatus

Torque Test Renches

Profile Projector

Hardness Tester



# Certifications



# Titanium & Special Alloy Fasteners



# Components & Forgings



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## Hydraulics & Fasteners (P) Ltd.

### Office :

3-13-94/14, Srinivasapuram, Ramanthapur  
Hyderabad, Telangana, India - 500013

### Works :

Plot No. 11, Sy. No: 861,  
I.D.A Bhongir Town and Mandal,  
Yadadri Bhuvanagiri Dist. - 508116

visit us @ [www.leefasteners.in](http://www.leefasteners.in)

E-mail : [info@leefasteners.in](mailto:info@leefasteners.in) | Tel / Fax : 040-29802381

Cell : 91-9391041887, 9700693659