To,

January 23, 2025

National Stock Exchange of India Ltd.
Exchange Plaza,
Plot No. C/1, G Block,
Bandra-Kurla Complex,
Bandra (E) Mumbai - 400 051

Subject: Intimation of investor presentation.

(Scrip Symbol: TCL, ISIN- INE0QJL01014 & Scrip Name -THAAI CASTING LIMITED)

Dear Sir / Madam,

Further to our letter dated 17th January, 2025, pursuant to Regulation 30 of SEBI (Listing Obligation and Disclosure Requirements) Regulations, 2015 please find attached the "Investor Presentation", of the company to be made at the investor meeting scheduled today.

The aforesaid presentation is also accessible on the Company's website at;

https://www.thaaicasting.com/investor-corner/#noticedisclosure

We request you to kindly take the aforesaid on your record.

Thanking You,
For Thaai Casting Limited

ANANDAN S
Digitally signed by ANANDAN S
Date: 2025.01.23 16:01:30 +05'30'

Sriramulu Anandan
Managing Director
DIN: 02354202



THAAI CASTING LIMITED

Where Metal Meets Precision

FY25 Investor Presentation

Thaai Casting: Empowering Automotive Excellence Through Precision & Quality

Thaai Casting Limited (Thaai Casting, The Company) established in 2011, specializing in High-Pressure Die Casting and the precision Machining of both Ferrous and Non-Ferrous materials. The company also offers Induction Hardening and Gas Nitriding, processes designed to enhance the durability and performance of steel components.
With over three decades of industry experience, the company focuses on manufacturing and supplying high-quality castings to the automotive sector. Thaai Casting's product portfolio includes Engine Mounting Support Brackets, Transmission Mounts, Steering Wheels, Electrical Connectors, YFG Base Frames (right-hand and left-hand drive), and more.

The company follows a self-certification process, reflecting its commitment to product excellence, and operates on a Direct On Line (DOL) basis for efficient supply chain management. In addition to its expertise in casting & machining, Thaai Casting focuses on enhancing the performance of components through advanced processes such as Gas Nitriding and Induction Hardening. These capabilities are particularly valuable in demanding applications like windmill gearboxes. The company is expanding its infrastructure with new facilities for gas nitriding, gear shaping, & heavy machining, supporting its long-term growth strategy and product diversification. Thaai Casting is committed to continuous improvement & innovation, reinforcing its position as a trusted player in the industry.



Thaai Casting Limited mission and vision is to set a benchmark in Quality Leadership. We Deliver Quality Moulds in much shorter lead time of manufacturing as required from your conceptual thoughts & Design.

Maintain our Reputation as a Reliable Source for Quality Die Cast & Machined Products.

12+
Years of Experience

150+
Team Size

25+
Satisfied Customer

5
Business Verticals

ISO / IATF 16949
Certified

2,500 Tones
Capacity Installed For High Pressure Die Casting

H1 FY25
Revenue - **₹ 48.76 Cr**
EBITDA – **₹ 12.53 Cr**
PAT – **₹ 5.37 Cr**

FY24
ROE – 18.96%
ROCE – 19.47%

Moving Forward: Milestones Of Achievement

2011

Company Incorporated

ISO 9001:2008

2014

SQ Mark Award From Hyundai

2019

Best QCD Award From Tokai Tubber Auto Parts

IATF 16949 : 2016

2021



MSIL-GREEN Certification

Shifted from 700 sq.m to 9,000 sq.m to SIPCOT

2022

Best Quality Award from Hanon Systems

Best Vendor Award from RSB

2023

GE Approval

RSB - Key Partner Award

Converted Into Public Ltd.

2024

ISO 45001 : 2018
ISO 14001 : 2015

BIS – Approval For PDC

Met the rigorous standards of the SMETA 4-Pillar Audit

Collaborative Success: Highlighting Esteemed Clients

Automotive Customers

PYUNG HWA INDUSTRIAL CO., LTD.
RSB Transmissions (I) Ltd.
Hanon Systems
MEI
UCAL
AG Industries solution provider
RH
SANDEN Delivering Excellence SANDEN VIKAS (INDIA) LTD.
ONEGENE
ASHLEY ALTEAMS
motherson
WOOSU INDIA
Amphenol Omniconnect India Private Limited
YAZAKI
POLYPLASTICS INDUSTRIES (I) PVT. LTD.
SFL Excellence in Production
DAEHEUNG R&T
JTEKT
HL Mando
INNOVA RUBBERS PRIVATE LIMITED
SL LUMAX
MOBASE ELECTRONICS
TAEYANG METAL INDUSTRIAL CO., LTD.
KUMOH

Non-Automotive Customers

HARTING
Schindler
WIKA
Bonfiglioli
NASH Inspired Engineering

Direct OEM

SDF

Trusted By Top Brands

End Customers































Where Precision Meets Production: State Of The Art Manufacturing Facility









Board Of Directors: Steering The Course Of Excellence



Mr. Anandan Sriramulu
Chairman and Managing Director



Ms. Shevaani Anandan
Whole Time Director



Mr. Sriramulu Rajasekar Ramakrishnan
Whole Time Director



Mr. Chinraj Venkatesan
Whole Time Director



Mr. Narenkumar Mandepudi
Independent Director



Mr. Achaya Kumarasamy
Independent Director



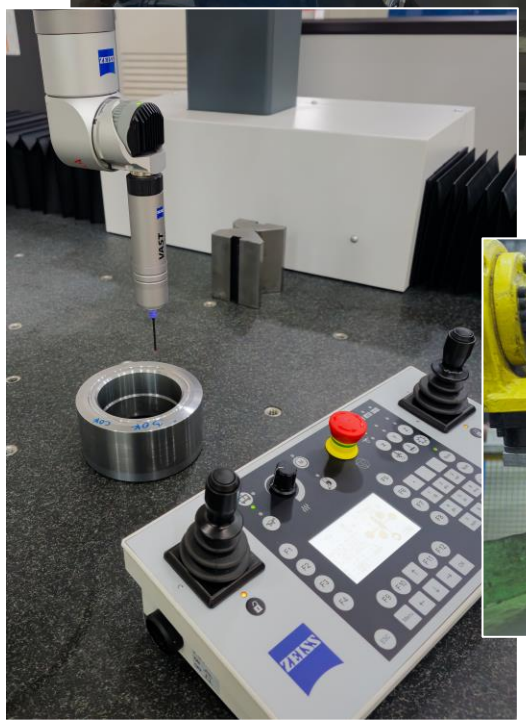
Mr. Gautham
Independent Director

Precision Under Pressure: High-Pressure Die Casting

1 **High Pressure Die Casting**

- High-pressure die casting (HPDC) is a manufacturing technique employed to create intricate metal parts by injecting molten metal into a metal Mold cavity at elevated pressure.
- Ideal for mass production, this process ensures high dimensional accuracy, superior surface finish, and the ability to craft complex shapes.
- What distinguishes the company in this competitive landscape is its ability to swiftly transition from research and development to production. The company's strong R&D capabilities and operational agility set industry benchmarks that competitors struggle to match in the short term.







2

Machining Of Ferrous & Non - Ferrous

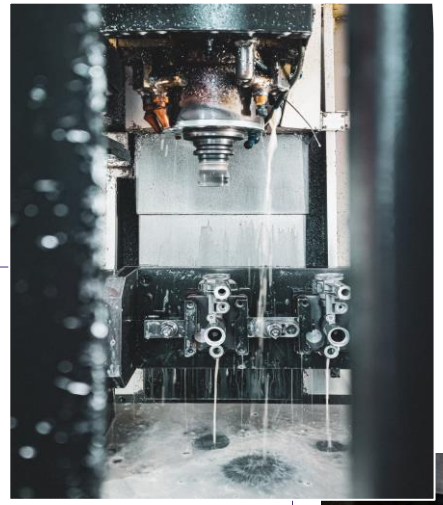
Non-Ferrous Machining Capabilities

Computer Numerical Control (CNC) Machining for Non-Ferrous Parts

Thaai Casting Limited uses CNC lathes for precision turning, ideal for crafting cylindrical parts. Facing operations create flat surfaces, drilling ensures accurate holes, and milling shapes workpieces with versatility for intricate forms.

Vertical Machining Center (VMC) Machining for Non-Ferrous Parts

VMCs with 4th-axis capabilities excel in advanced milling, drilling, tapping, and PCD reaming. They enable efficient fabrication of intricate geometries and high-precision finishes, especially advantageous for aluminum parts.



Ferrous Machining Capabilities

VTL (Vertical Turning Lathe) Setup

VTLs excel in heavy-duty turning for substantial components, precision facing, contouring, and crucial boring operations. Ideal for crafting symmetrical parts with meticulous internal precision.

HMC (Horizontal Machining Center) with Pallet Changeover

HMCs excel in milling, deep hole drilling, and precision tapping. The pallet changeover system boosts large-scale productivity by minimizing setup times. Ideal for high-precision manufacturing of intricate parts.

Cylindrical Grinding

Company specializes in cylindrical grinding, achieving highly accurate finishes up to 18 microns. This expertise is crucial for applications that demand ultra-precision.



Metallurgical Mastery: Induction Heating & Quenching

3 **Induction Heating And Quenching**

In the dynamic realm of automotive engineering, precision and robustness are key. Automotive parts must endure harsh conditions while offering excellent performance. A pivotal method in this endeavor is induction hardening, a precise heat treatment widely used across industries. By adjusting parameters like frequency, inductor design, and quenching techniques, manufacturers can fine-tune hardness and microstructure. Induction hardening's importance grows as industries seek enhanced performance and longevity.

Induction hardening has wide-ranging applications across industries. In the automotive sector, it hardens parts like crankshafts and gears, enhancing durability and wear resistance. The aerospace industry uses it for aircraft parts like landing gears and turbine blades to withstand extreme conditions. Machine tools benefit from hardened shafts and bearings for increased longevity. In oil and gas, it strengthens drill pipes and valves for harsh environments. The railway industry uses it to extend the life of wheels and axles. Medical devices, including surgical instruments, are hardened for sharpness and durability. Finally, in general manufacturing, it improves the resilience of components like hydraulic pistons and fasteners.



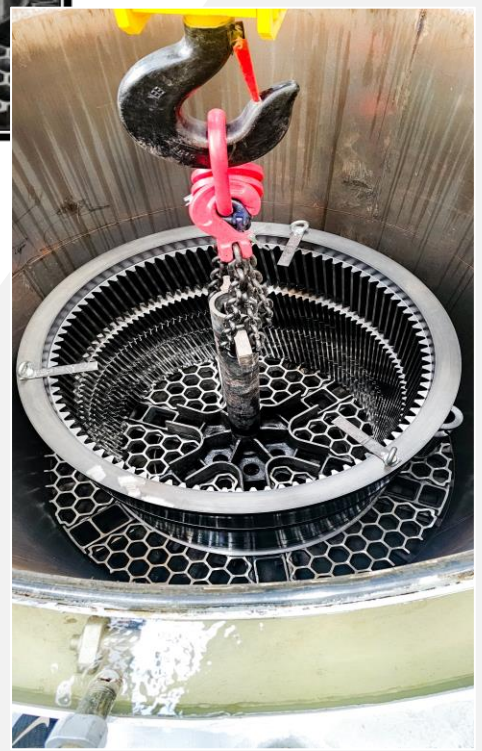


Gas Nitriding: A Major Milestone

4 **Gas Nitriding**

- Gas nitriding is a thermochemical surface treatment process that diffuses nitrogen into the surface of a metal to create a hard, wear-resistant layer. This process is essential for enhancing the performance and longevity of critical components, such as those used in windmill gearboxes, by providing increased resistance to wear, corrosion, and fatigue.
- SCADA System: Supervisory Control and Data Acquisition (SCADA) system ensures precise control and monitoring of the nitriding process. This system allows for real-time data collection and analysis, ensuring optimal process parameters and consistent results.
- Integrated Alarm Systems: Facility is equipped with integrated alarm systems that provide immediate alerts in case of any deviations or issues during the process, ensuring maximum safety and reliability.
- High-End Digital Flowmeters and Ammonia Cracker: To maintain precise control over gas flow rates, company utilize high-end digital flowmeters. This precision is essential for achieving the desired nitriding depth and properties. The inclusion of an ammonia cracker allows to generate the required nitrogen in the part which is crucial for achieving uniform and high-quality nitrided layers.
- Large Capacity Furnace: Company take pride in having one of the largest capacity gas nitriding furnaces in India, capable of loading up to 13 tons in a single batch. This significantly enhances productivity and allows to handle large-scale projects efficiently.





Focus on High-Precision Gears & Planetary Carriers

5 Gear shaping

- Gear shaping machines are vital in manufacturing high-precision gears. They use a cutting tool that reciprocates up and down while rotating in synchronization with the gear blank.

- The precision ensures high-quality gears suitable for various industries, including automotive, aerospace, and heavy machinery.

- The demand for high-quality gears is increasing with the growth of industries like electric vehicles, wind energy, and robotics. Gear shaping machines are positioned to capture a significant market share due to their ability to meet the stringent quality and precision requirements of these industries.

- The Gleason gear shaping machine is notable for being one of the largest of its kind available in India, capable of handling larger gear parts and producing larger precision gears than other machines in the market.

- Equipped with state-of-the-art CNC technology and Electronic head, machine offer advanced automation capabilities, enabling efficient, repeatable, and precise gear production with minimal operator intervention.





Innovation In Metal: A Comprehensive Look At Product Portfolio

Engine Mounting Support Brackets



End Use

Engine Base Mounting For Cars







Engine Mounting Support Brackets



End Use

Anti Vibration Component (Damper Device) For Cars



Transmission Mounts



End Use

Anti Vibration Component (Damper Device) For Cars



Innovation In Metal: A Comprehensive Look At Product Portfolio

Armature – Steering Wheel



End Use

Steering Wheels For Cars









Electrical Connectors



End Use

Instrumental Device For Non-Automobile

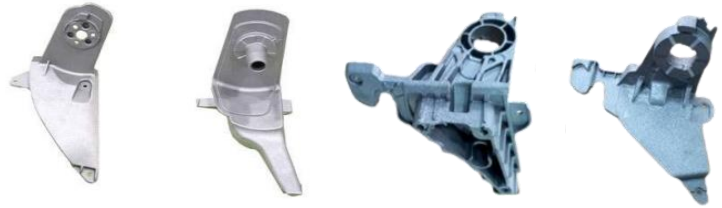








YFG Base Frame RHD / LHD



End Use

OVRM (Outside Rear View Mirror) Component



Innovation In Metal: A Comprehensive Look At Product Portfolio

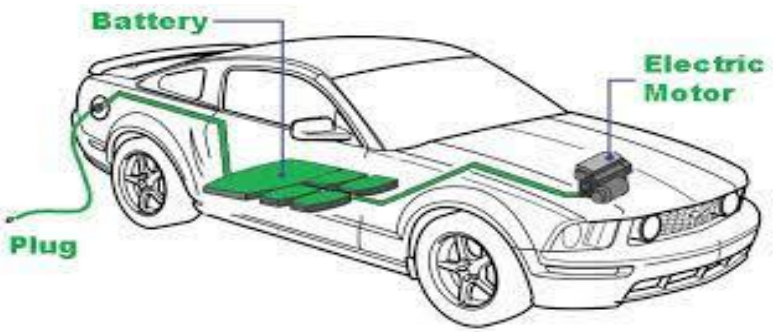
Top Cover & Housing





End Use

EV Bus Battery Box



Joint Flangs









End Use

Components For Cooling Device Car Radiator



Guide Shoe









End Use

Used For Escalator & Elevator

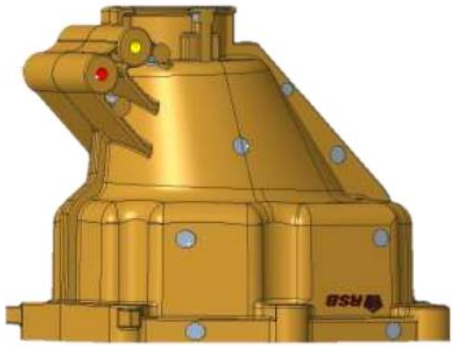


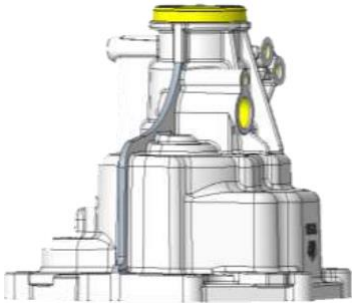




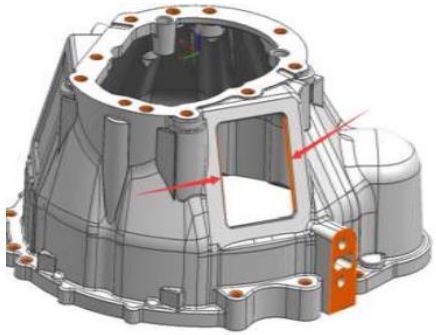
Projects Under Development

Rear Housing

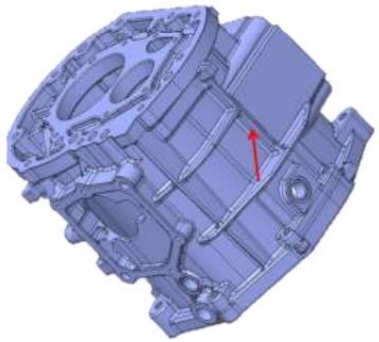




Clutch Housing



Gear Box Housing



End Use

Gear Box Assembling





Thaai Casting's Order Book Expansion

New Order Wins

Value
₹ 154.14 Cr

Scope
Supply of automotive and non-automotive products

Key Industries
Automotive, non-automotive engineering sectors

Strategic Impact
Positions Thaai Casting as a provider of advanced, energy-efficient solutions in sectors with growing demand

Order Book Update

Total Order Book (As on 31st Oct 2024)

₹ 386.83 Cr

Execution Timeline

60–80 months

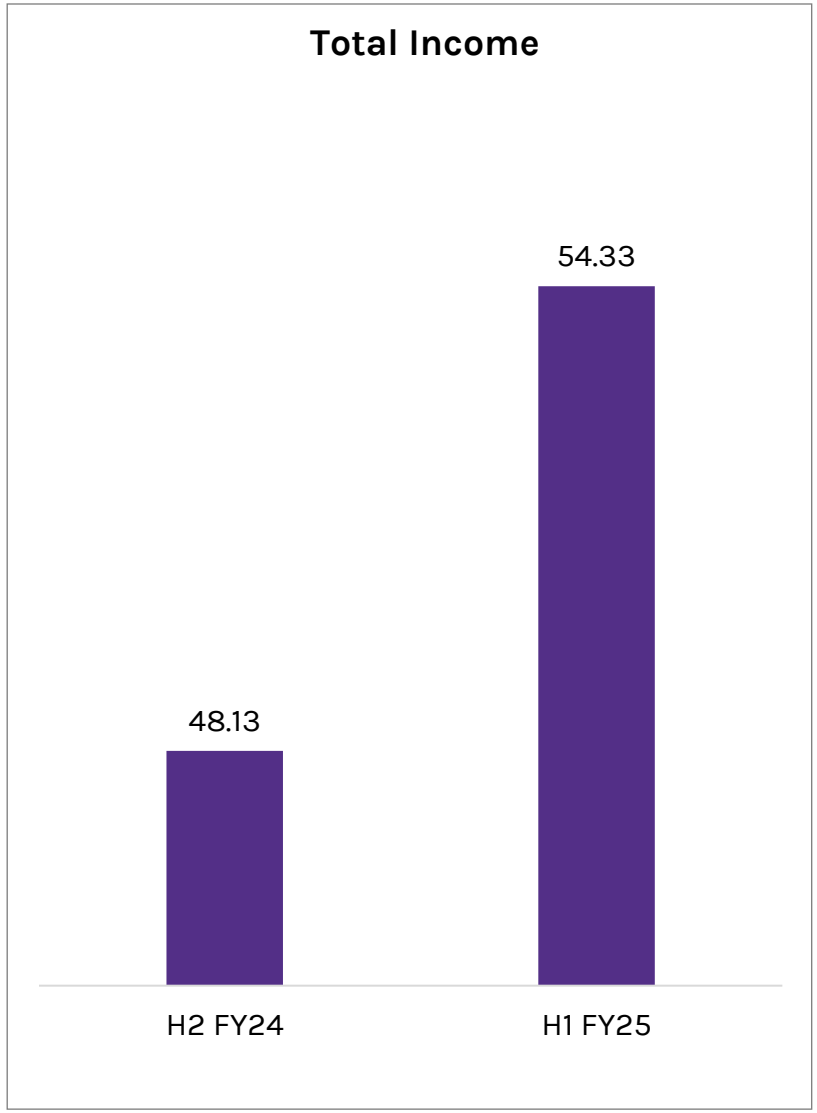
Growth Trajectory

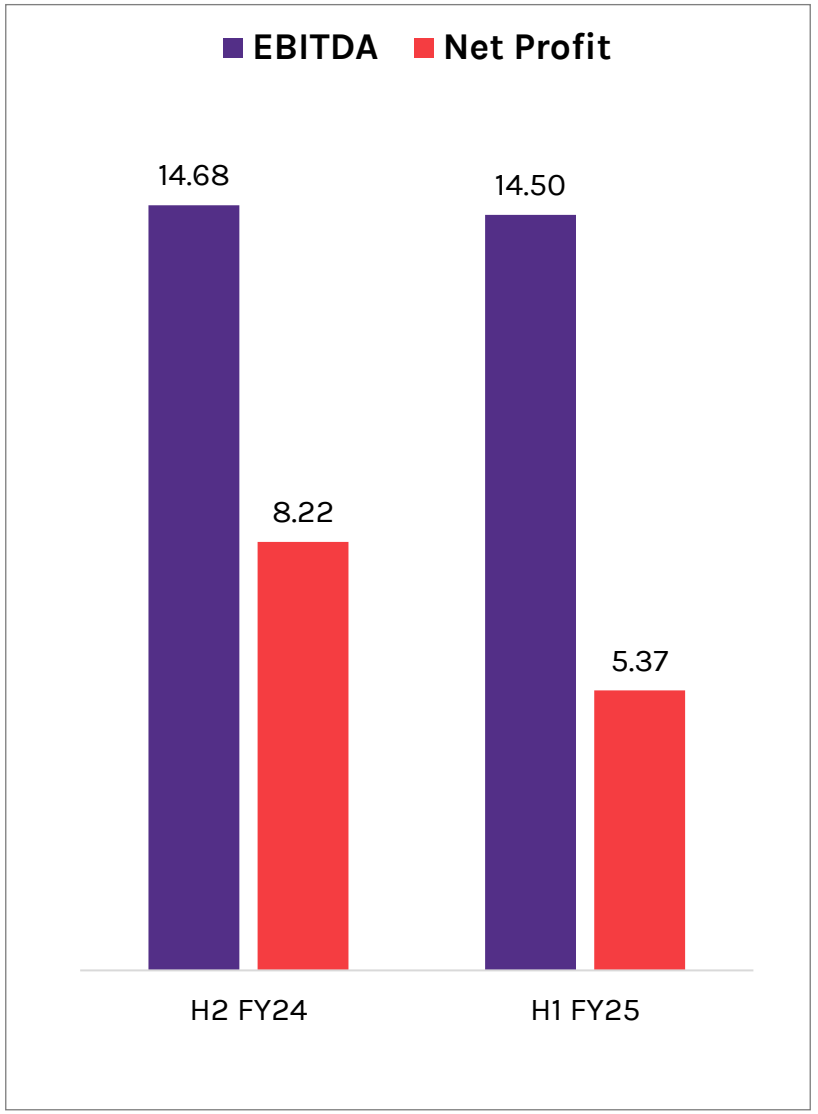
Driven by strong demand in manufacturing and automotive sectors for sustainable, high-tech components

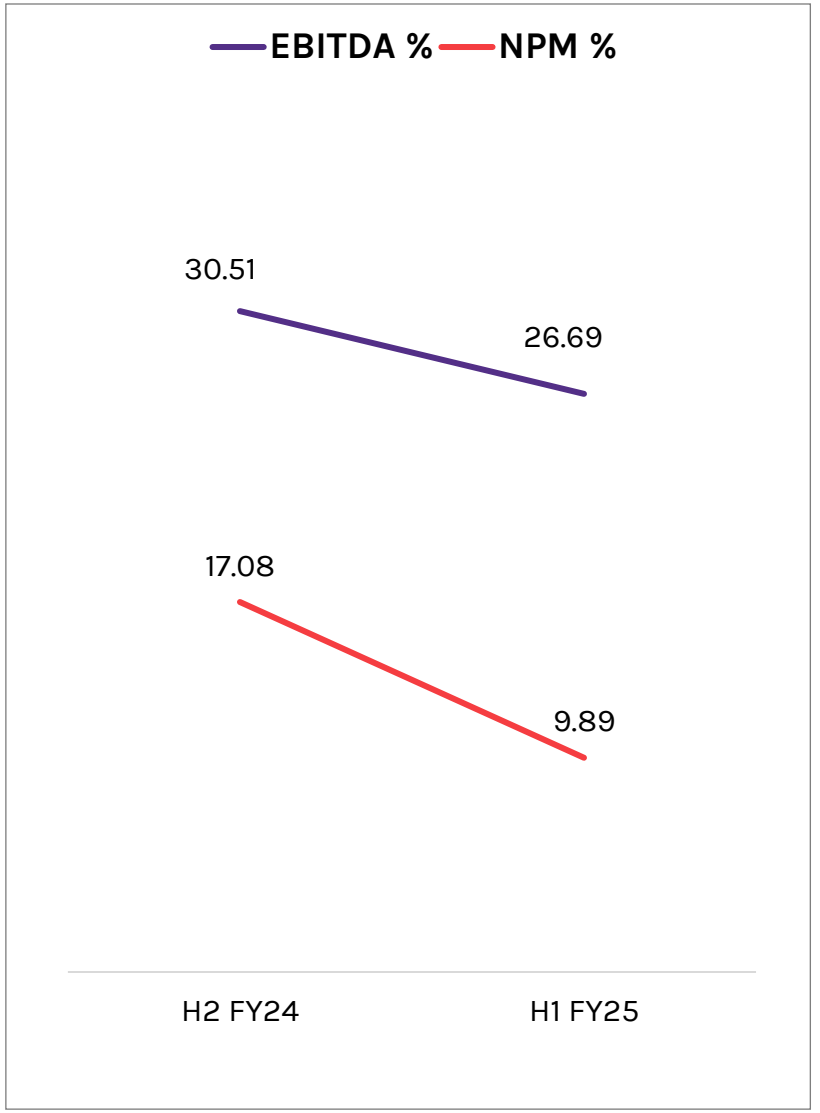
Market Positioning

Well-aligned with India's shift toward sustainable and advanced manufacturing

H1 FY25 Consolidated Key Financial Highlights

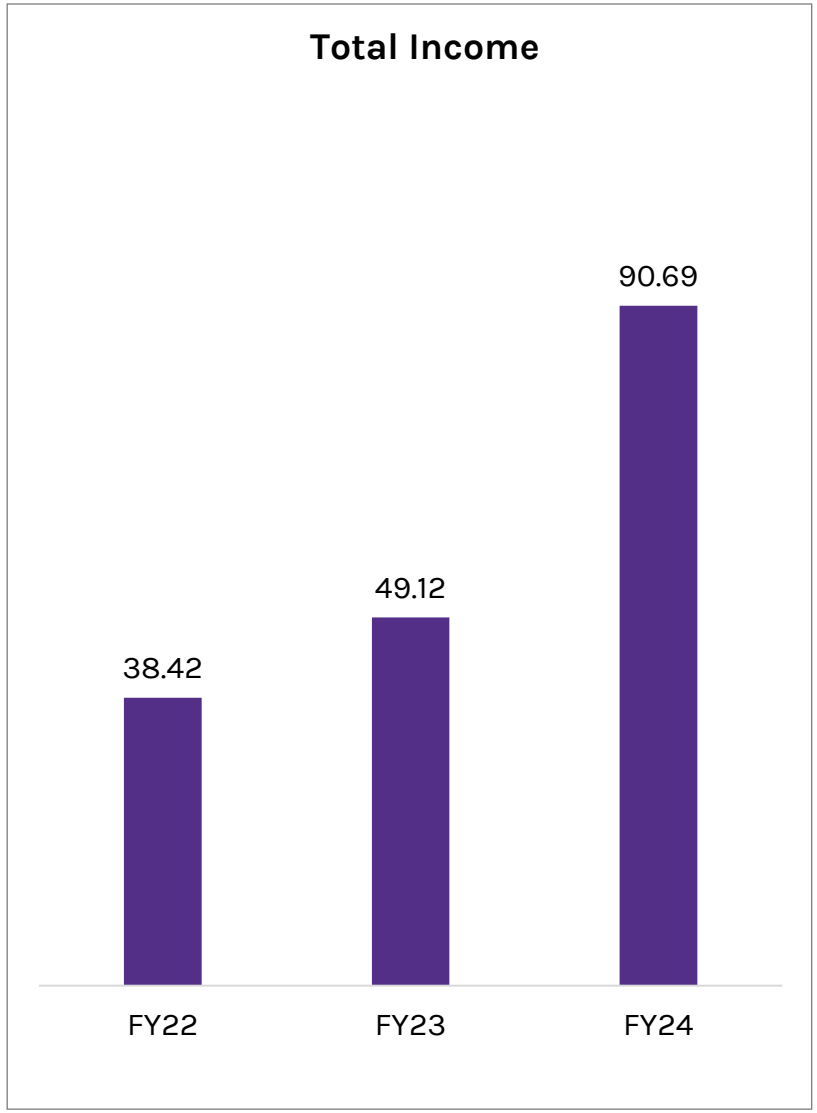


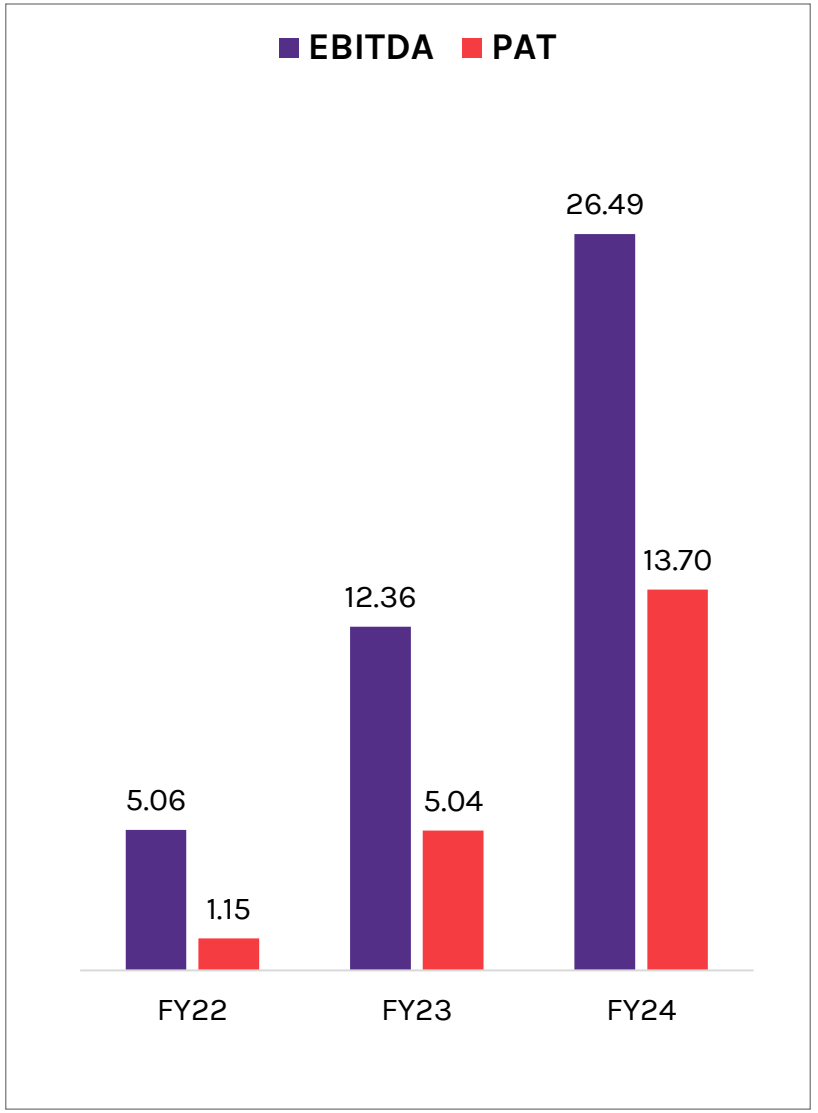


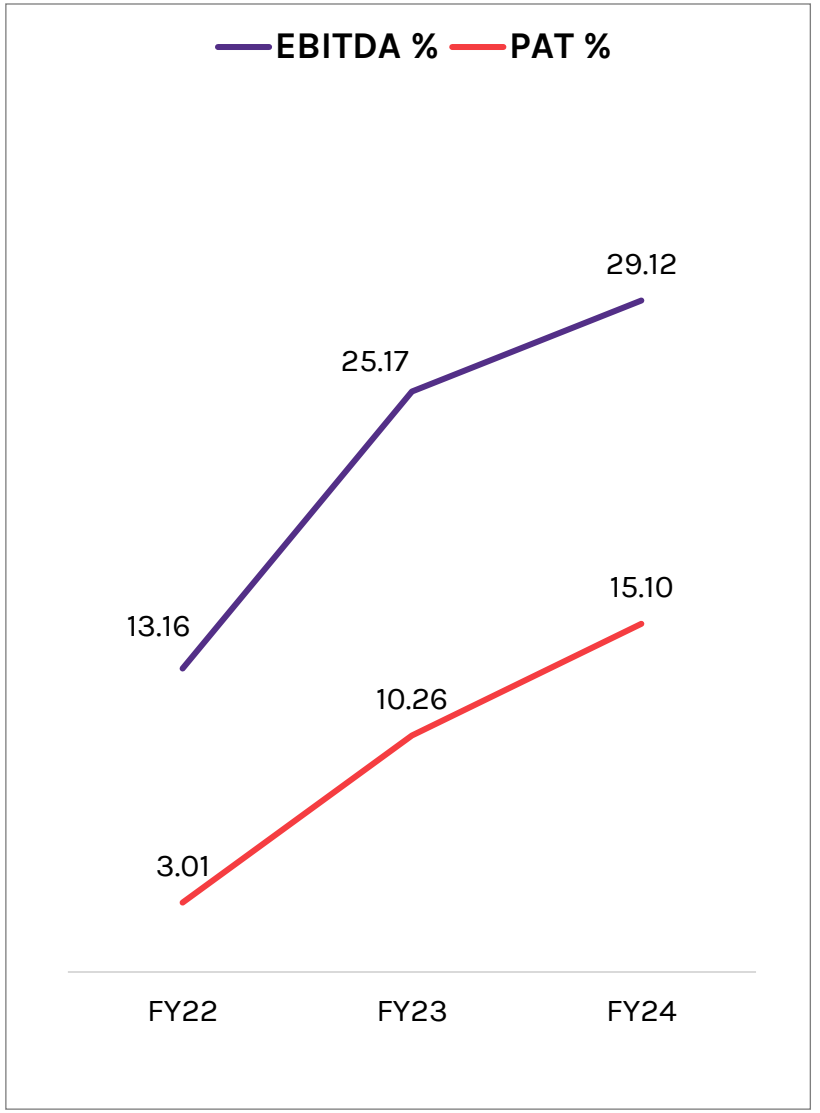


All Amount In ₹ Cr & Margins In %

Consolidated Key Financial Highlights







All Amount In ₹ Cr & Margins In %

Consolidated Profit & Loss Statement

In ₹ Cr

Particulars	FY24	FY23	FY22
Net Sales	90.55	48.96	38.34
Other Income	0.14	0.16	0.08
Total Income	**90.69**	**49.12**	**38.42**
Raw Material costs	45.52	29.96	26.48
Employee Cost	5.24	5.46	4.28
Other Expenses	13.44	1.34	2.60
Total Expenditure	64.20	36.75	33.36
EBIDTA	**26.49**	**12.36**	**5.06**
EBIDTA(%)	29.21%	25.17	13.16
Finance Cost	3.81	2.32	1.33
Depreciation	3.55	2.84	1.96
PBT	19.12	7.20	1.76
TAX Expense (Including Deferred Tax)	5.42	2.16	0.61
PAT	**13.70**	**5.04**	**1.15**
PAT (%)	15.10%	10.29	3.01

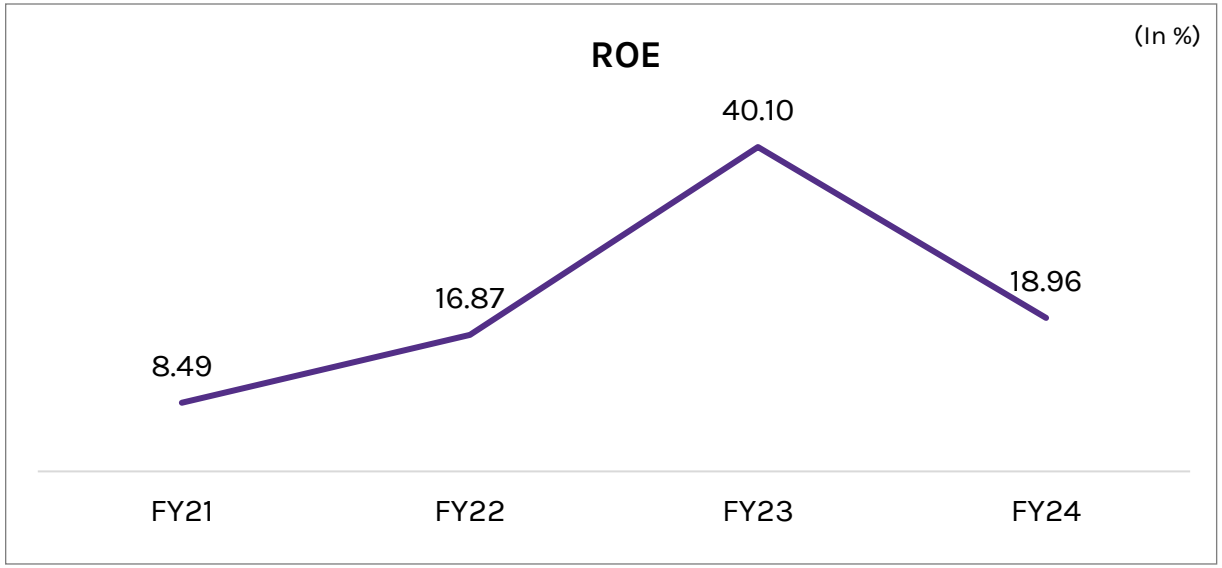
Balance Sheet

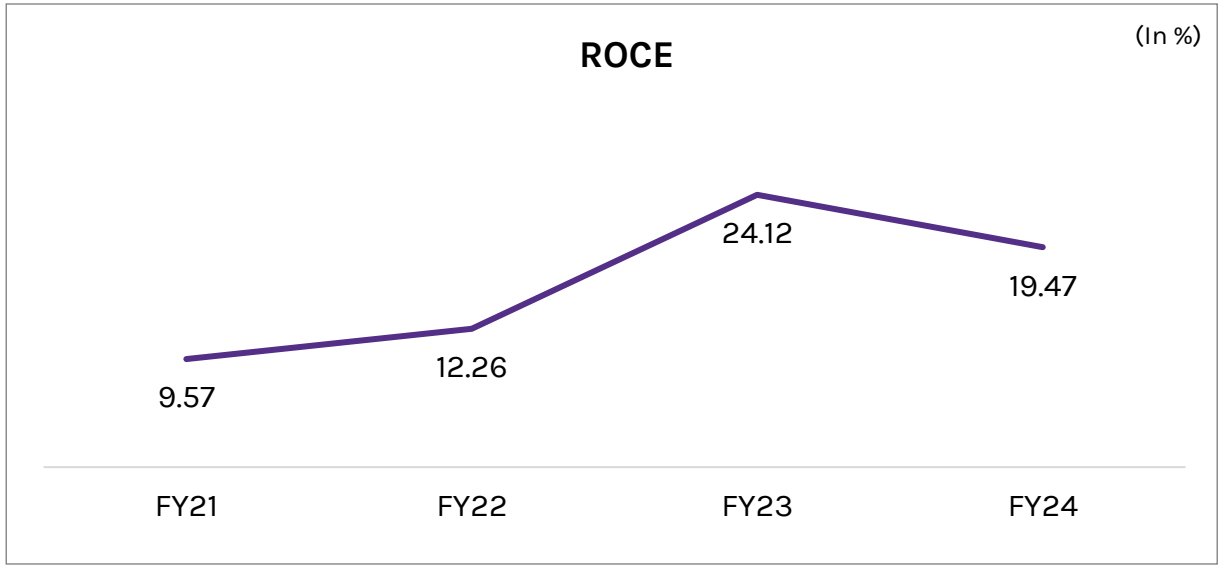
In ₹ Cr

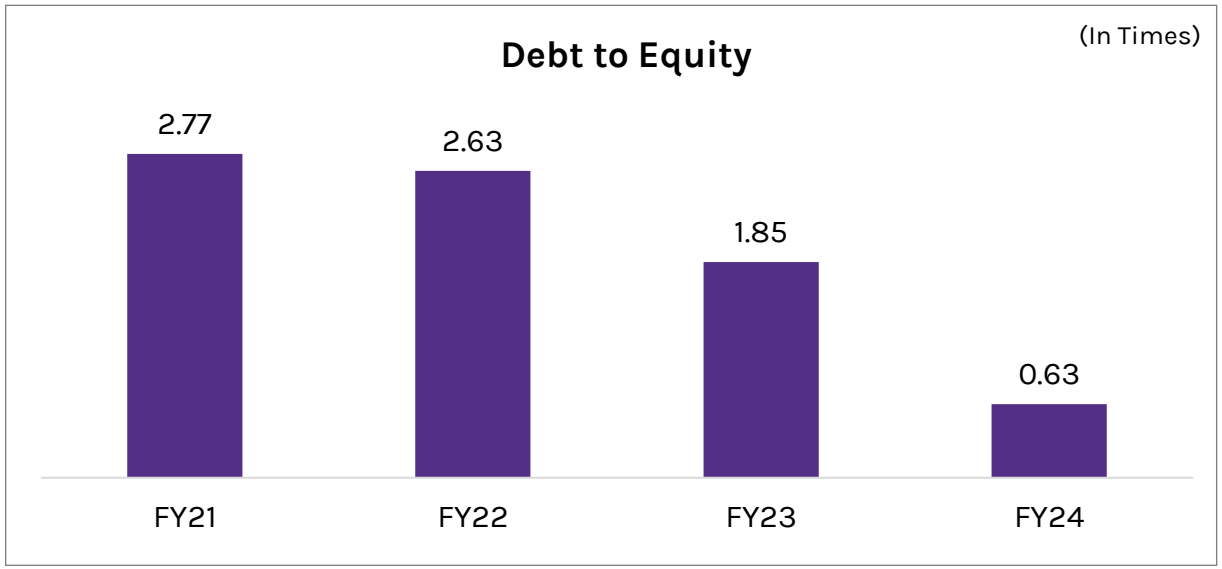
Equities & Liabilities	FY24	FY23	FY22
Equity	23.13	16.17	8.95
Reserves	49.11	0.00	0.00
Net Worth	**72.24**	**16.17**	**8.95**
Non Current Liabilities			
Non Current Borrowings	28.01	18.29	18.42
Lease Liabilities	0.00	0.00	0.00
Deferred Tax Liabilities	0.95	0.26	0.00
Long Term Provision	0.38	0.14	0.10
Total Non Current Liabilities	**29.34**	**18.68**	**18.51**
Current Liabilities			
Short Term Borrowings	17.53	11.57	5.09
Trade Payables	11.83	5.89	4.34
Short Term Provisions	3.41	1.70	0.09
Other Current Liabilities	0.88	0.98	0.54
Total Current Liabilities	**33.65**	**20.13**	**10.06**
Total Liabilities	**135.23**	**54.99**	**37.52**

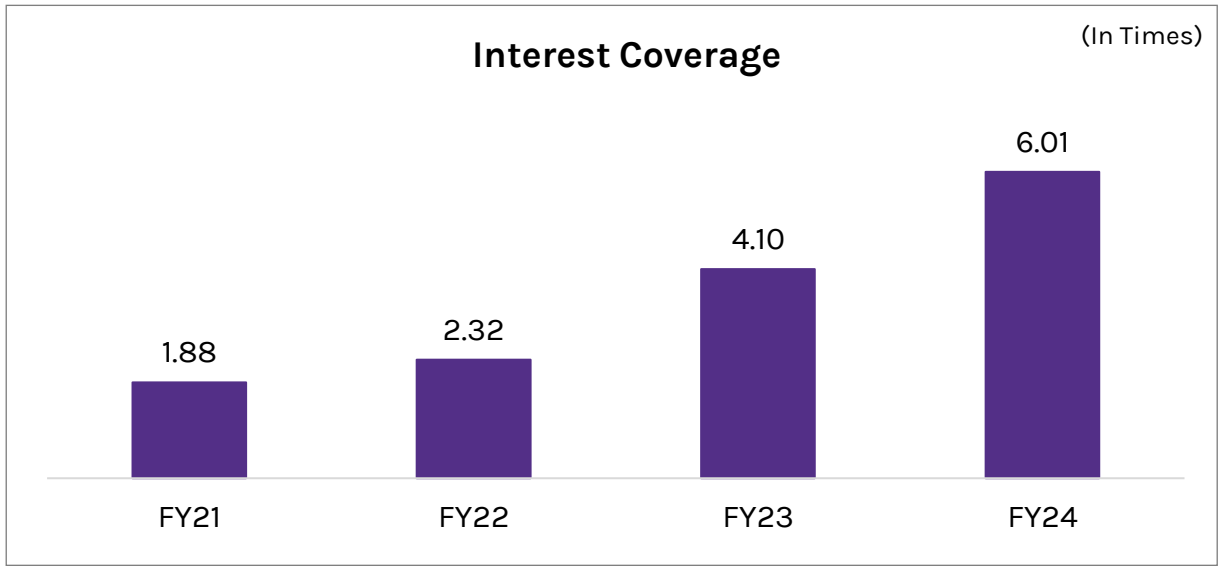
Assets	FY24	FY23	FY22
Non-Current Assets			
Fixed Assets	65.28	27.14	20.14
Other Non Current Financial Assets	0.00	3.66	0.00
Deferred Tax Assets (Net)	0.00	0.00	0.02
Other Non Current Assets	0.00	3.35	2.25
Total Non Current Assets	**65.28**	**34.15**	**22.41**
Current Assets			
Inventories	27.66	4.59	4.86
Trade receivables	11.91	9.34	6.95
Cash & Bank Balance	11.07	0.13	0.07
Other Current Financial Assets	0.00	6.62	3.04
Other Current Assets	19.32	0.15	0.21
Total Current Assets	**69.95**	**20.83**	**15.12**
Total Assets	**135.23**	**54.99**	**37.52**

Key Ratios

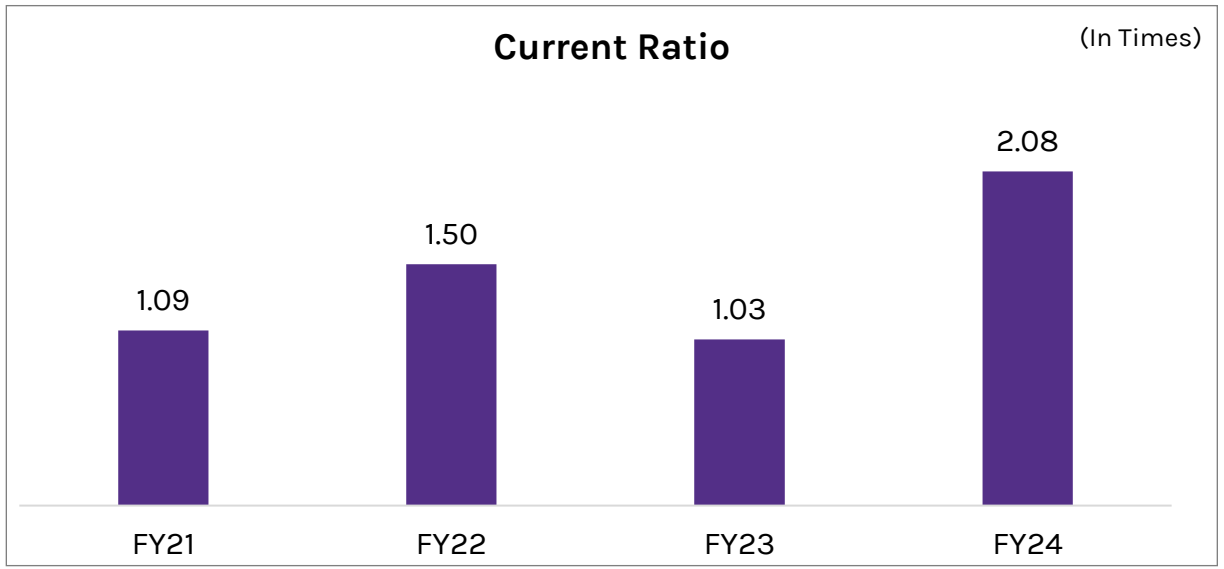

ROE
(In %)
8.49
16.87
40.10
18.96
FY21
FY22
FY23
FY24

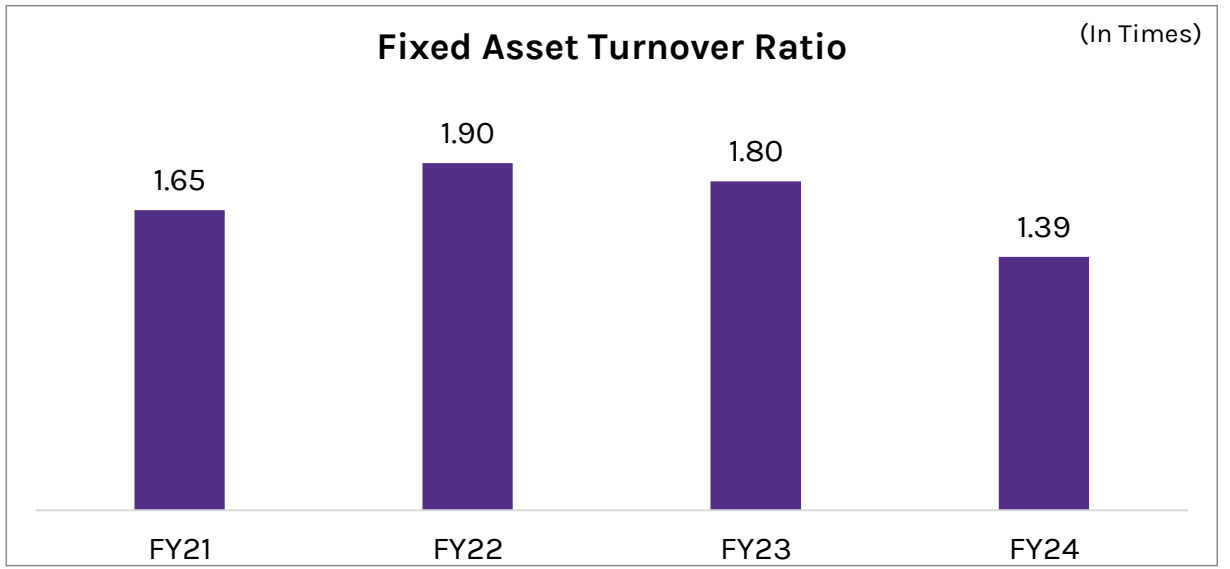

ROCE
(In %)
9.57
12.26
24.12
19.47
FY21
FY22
FY23
FY24

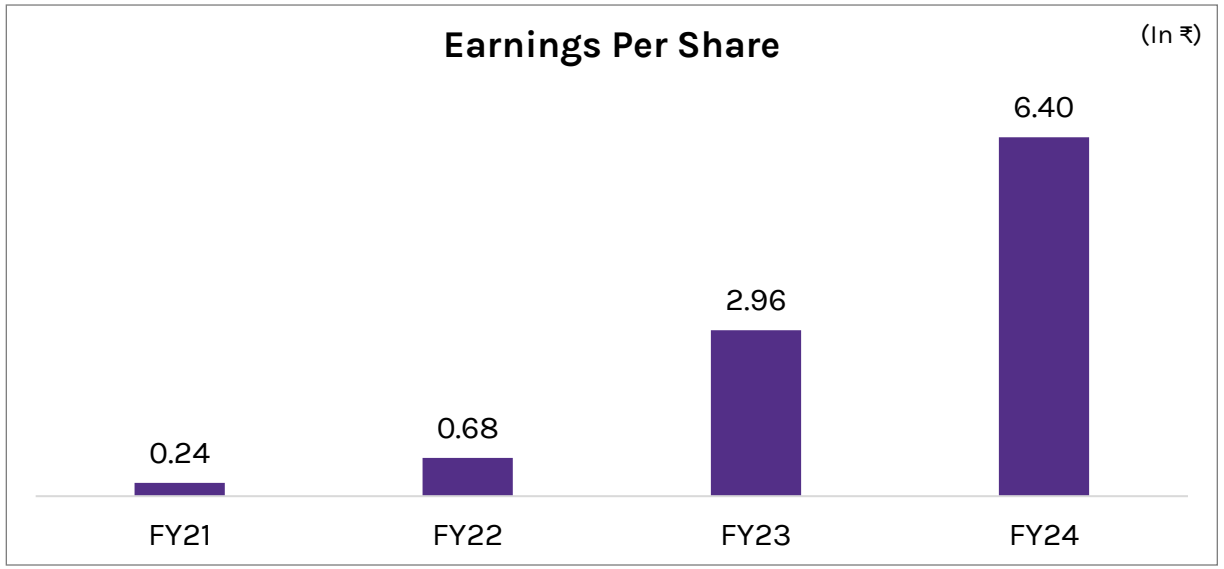

Debt to Equity
(In Times)
2.77
2.63
1.85
0.63
FY21
FY22
FY23
FY24

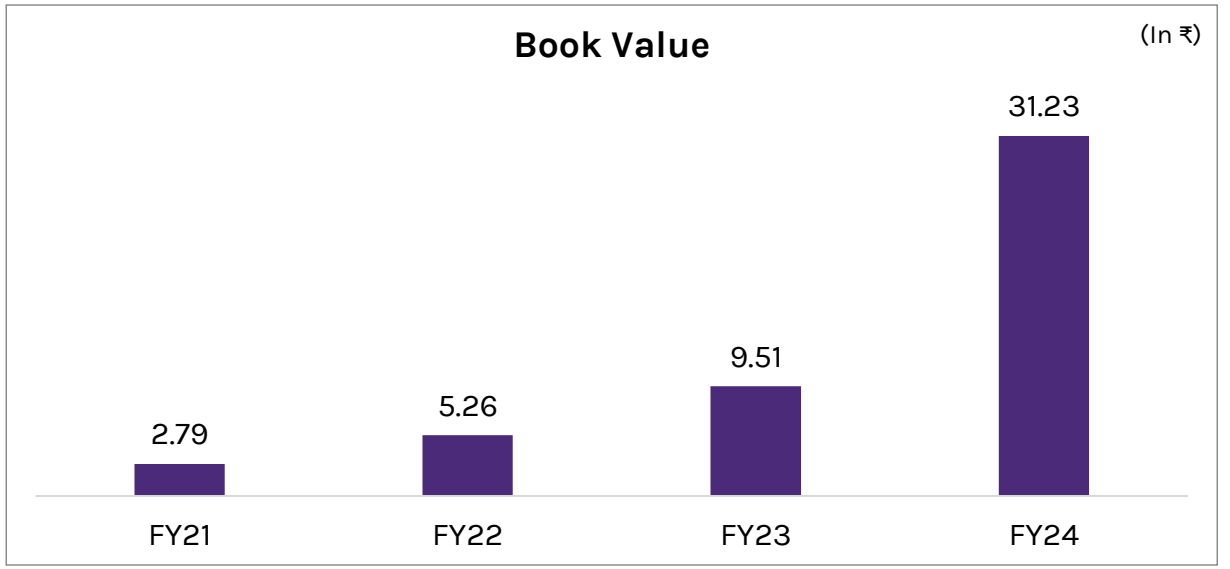

Interest Coverage
(In Times)
1.88
2.32
4.10
6.01
FY21
FY22
FY23
FY24

Key Ratios









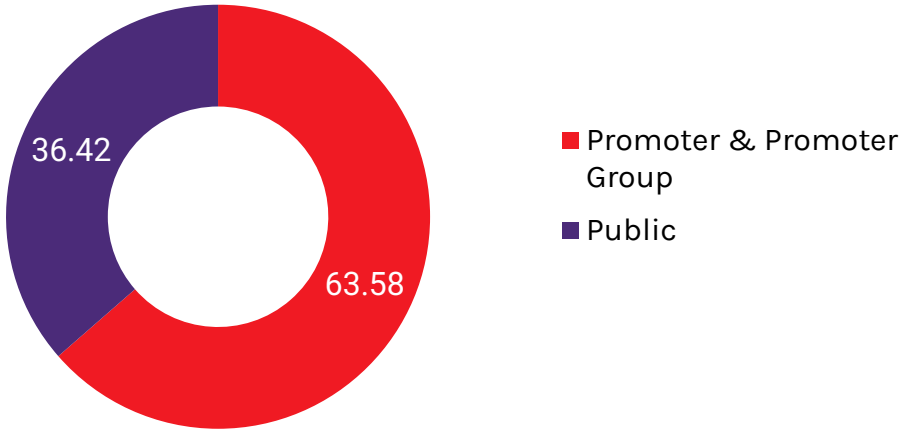
Company has recently came with a IPO

Stock Data

NSE | ISIN: INE0QJL01014	As on 20-01-2025
Share Price (₹)	135.25
Market Capitalization (₹ Cr)	312.82
No. of Shares Outstanding	2,31,29,600
Face Value (₹)	10
52 Week High-Low (₹)	261.65 - 128.50

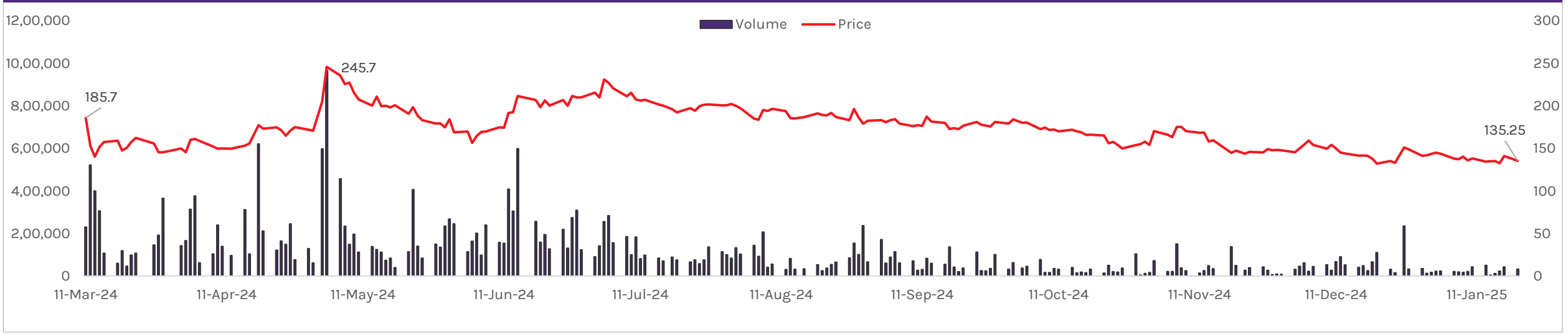
Share Holding Pattern

As on 30-09-2024



Share Performance From 20th January 2025

Source: NSE



Investment Rationale

Strong Market Position in Auto Components
Thaai Casting specializes in high-precision pressure die casting and machining for both ferrous and non-ferrous materials, catering to leading automotive OEMs.

Diverse Product Portfolio
The company manufactures a wide range of components, including engine brackets, transmission mounts, armatures, and battery enclosures for electric vehicles, addressing multiple automotive sub-segments.

Strong Client Relationships with Top OEMs
Long-standing partnerships with key automotive players ensure stable revenue streams and reinforce Thaai's reputation as a reliable supplier.

Strategic Focus on Wind Energy Components
The company's expertise extends to producing components for wind energy systems, allowing diversification into renewable energy markets.

Proven Expertise and Certifications
With over 12 years of operational experience, the company boasts ISO/IATF 16949:2016 certification, ensuring stringent quality standards critical for the automotive industry.

Advanced Manufacturing Capabilities
Investment in cutting-edge technology such as CNC machining, SCADA systems, and one of India's largest gas nitriding furnaces enhances operational efficiency and product quality.

High Demand for Precision Gears
Equipped with one of India's largest Gleason gear-shaping machines, Thaai is well-positioned to capitalize on the rising demand for high-precision gears, especially in the wind energy sectors.

High ROE and ROCE Metrics
The company reported strong financial performance in FY24, with a ROE of 18.96% and a ROCE of 19.47%, indicating profitable growth.



Group Structure & Location

Thaai Casting Limited
A-20,Sipcot Industrial Park,
7th Cross Street, Pillaipakkam,
Sriperumbudur, Tamil Nadu – 602 105

THAAI CASTING
FOR ALL ALUMINIUM COMPONENTS

Wholly Owned Subsidiary
Thaai Induction & Nitriding Pvt Ltd

A-20,Sipcot Industrial Park,
7th Cross Street, Pillaipakkam,
Sriperumbudur, Tamil Nadu – 602 105

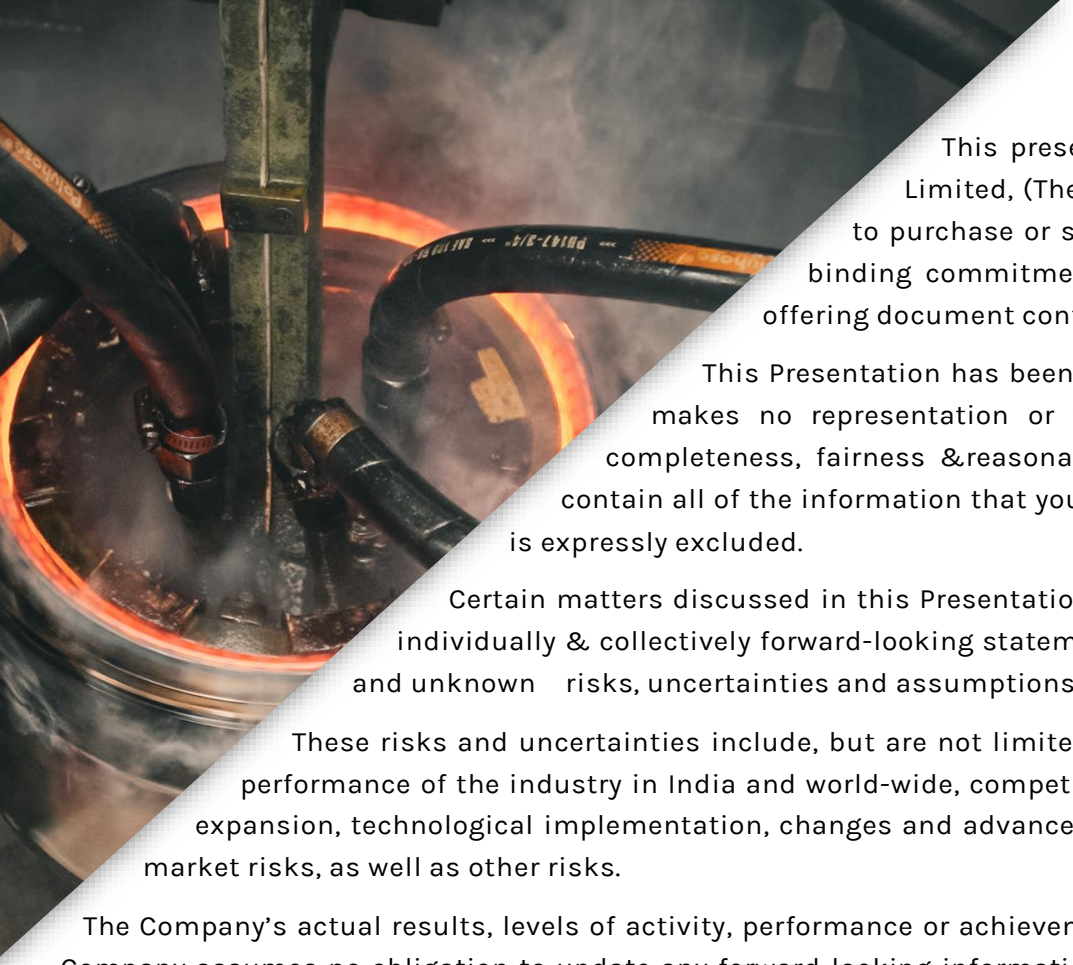
Thaai Induction and Nitriding Private Limited specializes in the heat treatment of ferrous and non-ferrous metals, including processes such as pack carburizing, core refining, nitriding, induction hardening, and direct hardening.

SIMTECH CNC,
An ISO 9001:2015 Company

Simtech Cnc

Shed No. 33, Second Main Road,SIDCO Industrial Estate, Thirumudivakkam, Chennai – 600044.

Design and Manufacturing of Die casting Dies For- HPDC ,GDC Dies & Plastics injection moulding process for manufactures of Aluminum Components.



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