



Powering Precision.
Building the Future.



01

VISION & MISSION



MISSION

Crafting precision and building trust by transforming metal into masterpiece

VISION

To be the leading provider of high-quality electrical lamination, powering a sustainable and connecting world through innovation, reliability and environmental responsibilities

02

COMPANY OVERVIEW

Legacy Meets Possibility.

Founded with a vision to bridge quality and scale, Magcore has grown into one of India's leading precision component manufacturers for electrical and electromechanical assemblies.

From motors to transformers, from electric vehicles to industrial equipment, our components lie at the heart of machines that power the future.

Over **25 million laminations** produced monthly

Supplying to Tier-1 and OEM partners **across India and overseas**

Specialized in **high-volume, high-precision** manufacturing

IEC standard stamping and Die-Cast rotor from **63 to 400 frame size**



ISO 9001-2015

Quality management
System



ISO 45001-2018

Environment management
System



ISO 14001-2015

Safety & Health
management System



We didn't just
scale—we
learned, refined,
and evolved with
every batch, every
brief, every
breakthrough.

03

INSPIRED FROM THE CORE

Legacy Meets Possibility.

Our brand philosophy, "Inspired from the core", reflects our belief that quality is not just a feature, it's a fundamental value. It's our commitment to our customers to provide them with products that are not only of the highest quality standard but also those that inspire trust.

Founded in **1987** in **Bengaluru**, India, Magcore has been in constant development and has achieved national success. Our total production area of around **1,30,000 sq ft** is spread across two locations, including one of the **largest die-casting** and **press lamination facilities in the country**.

Our team of **450 passionate employees** is dedicated to delivering electrical laminations with unmatched engineering expertise.



Progressive approach for High speed machines (60T to 550T HSP) machines



One of the largest die-casting machinery in the country (75T - 630T)



One of the largest press lamination in the country (40T - 500T)



Manufactured Products

04

CORE CAPABILITIES

Precision is Our Process.

At our facility, we take pride in our advanced conventional press machinery, which boasts an impressive capacity of up to 400 tons. Our press shop is equipped with the latest servo feeder mechanism, enabling us to produce DIA of up to 1300 mm in a single blow blanking. We specialize in gang slotting operations, producing stampings up to 800 mm in diameter in a single blow.

Additionally, our segmental lamination manufacturing and notching process can create stampings up to 1200 mm in size, making us a one-stop-shop for all your stamping needs.

When it comes to achieving high production rates, we rely on our high-speed manufacturing line. Our HD350 Ton high-speed line, in particular, boasts an impressive speed range of 120 - 400 SPM. With the use of progressive tools, we can produce complex laminations with ease, ensuring high quality and minimal waste.

While we excel in all areas of stamping, our Notching process truly sets us apart. Our cutting-edge notching machines produce laminations up to 1300 mm in DIA including skip notching. We use only servo-driven notching machines, ensuring unmatched accuracy and consistency in every lamination we manufacture.

Our commitment to precision extends to every step of the manufacturing process, including cleating and welding. Our hydraulic presses have capacity ranging from 40 to 300 tons, equipped with a roller fixture facility that enables us to cleat stator stacks up to a core height of 1000 mm and 950 mm in DIA. We offer TIG and MIG welding processes, executed with the utmost precision by our skilled welders, resulting in high quality products which are ready to perform at the highest potential.

Whether you require high-volume production or customized solutions, we have the expertise and equipments to handle even the most challenging projects. With our team of skilled professionals and extensive quality assured processes, you can trust that every lamination we produce meets or exceed customer expectations.

04

CORE CAPABILITIES

Precision is Our Process.



Slitting Machine

Range
0.2 to 2 mm thick
Up to 1500 mm width

Capacity
150 MT per day



Power Presses

Range
Ø 45 mm to Ø 1200 mm

Capacity
40 Ton to 500 Ton



High Speed Presses

Range
Ø 90 to Ø 650

Capacity
60 Ton to 550 Ton



Aluminum Die Casting Line

**Vertical Die Casting
Machines**
75 MT to 630 MT

**Horizontal Die Casting
Machines**
120 MT to 300 MT

Diameter
Ø 45 mm to Ø 650 mm

Maximum Height
Up to 1250 mm

Aluminium Capacity
150 kg per rotor

04

CORE CAPABILITIES

Precision is Our Process.



Notching Machines

Range
Ø 90 to Ø 1300

Capacity
5 MT to 16 MT



Stator Cleating Press

Range
Ø 90 to Ø 1250

Capacity
15Ton to 300Ton



Motor Fan Covers

Range
Frame Sizes-
56 mm to 355 mm

Capacity
30 MT to 600 MT

04

CORE CAPABILITIES

Precision is Our Process.

Fabrication Facilities



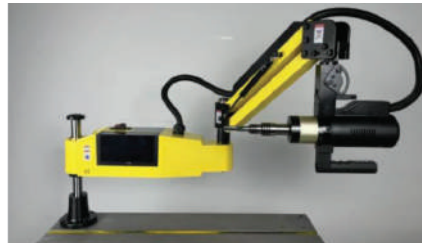
Radial Drilling



Mig/Tig Welding



Press Brake



Tapping Arm

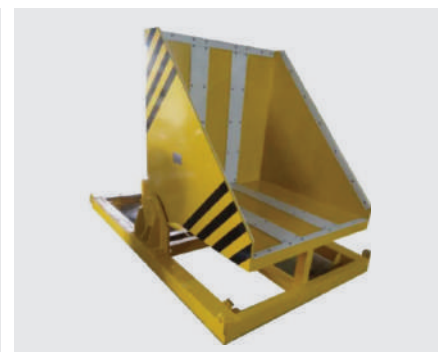


Laser Cutting

Stator/Rotor Core Assembly Facilities



Pillar Type Hydraulic
150 Ton Press Machine



5 Ton Stator Core
Tilting Machine

Machine Shop Facilities



Horizontal Slide Way Grind



VTL -1

Maximum Turning
Diameter-2600mm

Maximum Turning
Height -2100mm



VTL -2

Maximum Turning
Diameter-1250mm

Maximum Turning
Height -900mm



FANUC Robocut



Super Drill EDM



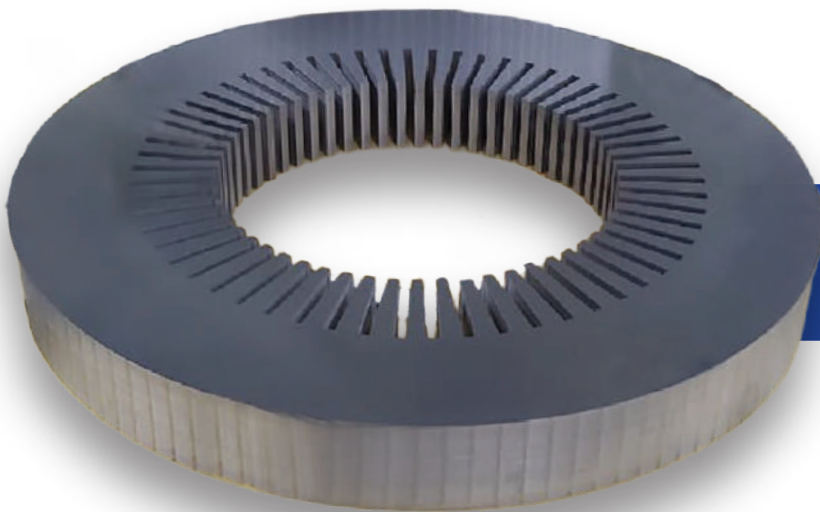
CMM



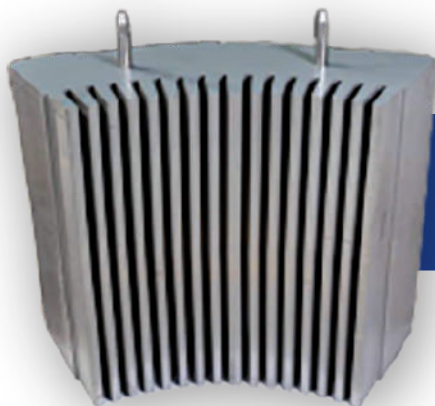
Cnc-Horizontal Lathe

05

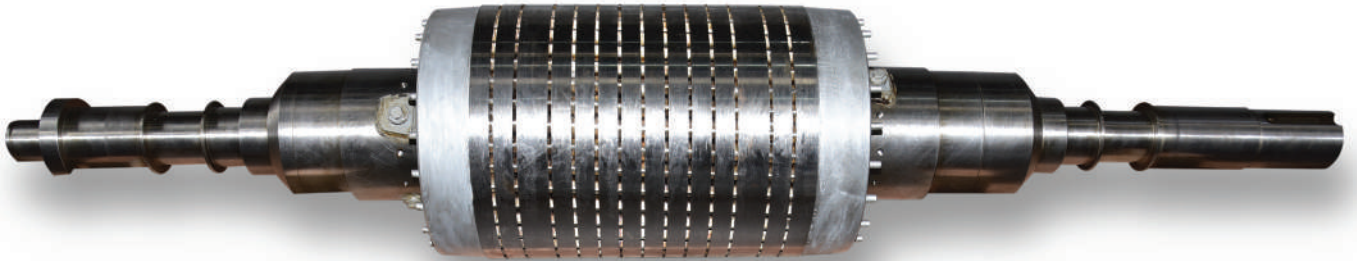
SPECIAL PROJECTS



Stator Lamination
OD of Ø1250 mm



Segmental Lamination Assembly
Ø2000 mm Core Length 800 mm



Special Vent Spacer Die Casted Rotor
600 kw Motor - Ø 425 mm & Core Length 550 mm



**Alternator with
fabrication**

06

ENGINEERING EXCELLENCE

Built by Design. Backed by Insight.

Our engineering teams work closely with clients to co-develop smarter solutions. We simulate stress loads, test materials, and fine-tune tolerances—long before we go to press. It's not just about making parts; it's about making them smarter.

We invest in



Prototyping
and custom
samples



Simulation &
performance
analysis



Material
compatibility
studies



Value
engineering



The result?

Fewer iterations, faster
market entry, and reliable
performance in the field.

07

INDUSTRIES WE SERVE

From Revolution to Rotation.

Our components drive progress across sectors that demand precision, volume, and trust.



Electric Vehicles

(Two-wheelers, three-wheelers, and compact four-wheelers)



Railway or Metro



Industrial Motor, Alternator & Pumps



Home Appliances & BLDC motors

(fan, mixie, cooler motor etc.)



Renewable Energy Systems



Control Transformer

We're not just a vendor; we're an embedded partner in your product ecosystem.



08

SUSTAINABILITY & ESG COMMITMENT

Green by Choice. Responsible by Design.

Sustainability isn't a checkbox—it's a foundation.

At Magcore, we continually upgrade our processes to reduce waste, recycle materials, and meet global ESG benchmarks.

- Energy-efficient operations across both plants
- Waste segregation, water reuse, and emissions monitoring
- ISO 14001 and ISO 45001 certifications
- Supporting local workforce and women in manufacturing

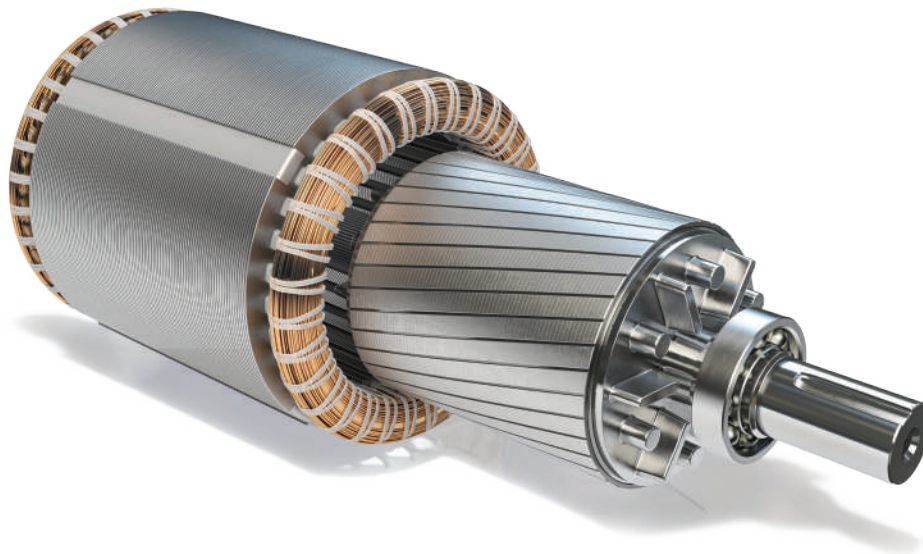


We understand that the future is electric—and it must also be ethical.

09

WHY MAGCORE?

The Magcore Edge



Punching, stator fabrication, die casting, and shaft insertion in rotors — all under one roof.



Trusted by EV disruptors and industrial stalwarts alike



Precision parts that meet global quality benchmarks



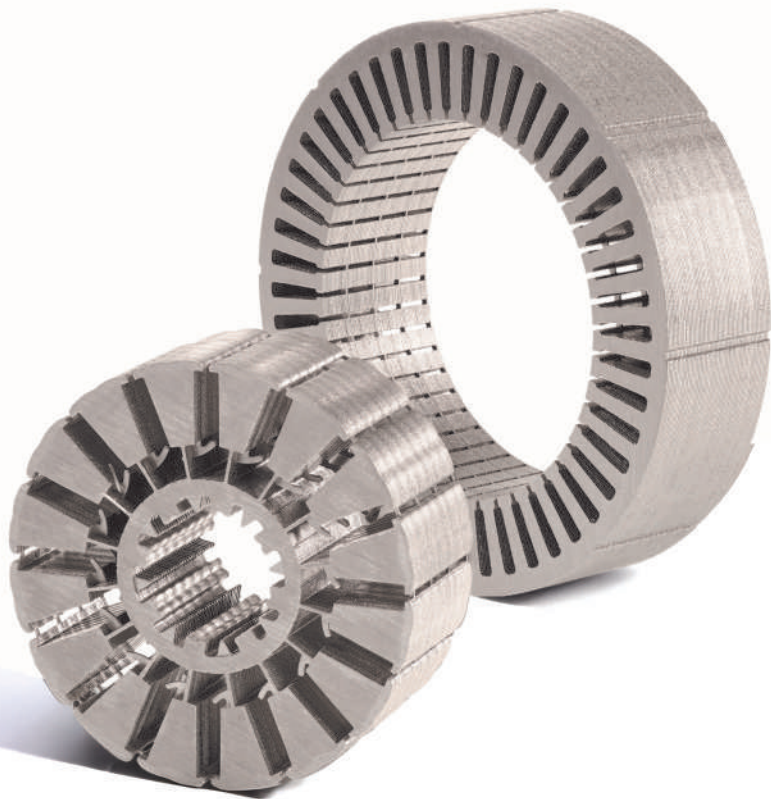
Quick turnaround for new requirements with rapid scale-up for high-volume production.



Engineering support from design to delivery

Trusted by





LET'S BUILD WHAT MOVES THE WORLD

Ready to partner? We're listening.

Whether you're launching a new electric drivetrain or scaling an industrial fan line, we're here to co-build the next chapter. Precision is not a promise—it's our process.



Magcore Lamination India Pvt Ltd
Plot Nos. T-92A & T-93, TMTP,
Vasanthanarasapura 3rd Phase Industrial Area,
Nelahal, Tumakuru, Karnataka 572128

 +91 95351 77222

 info@magcore.in

 www.magcore.in