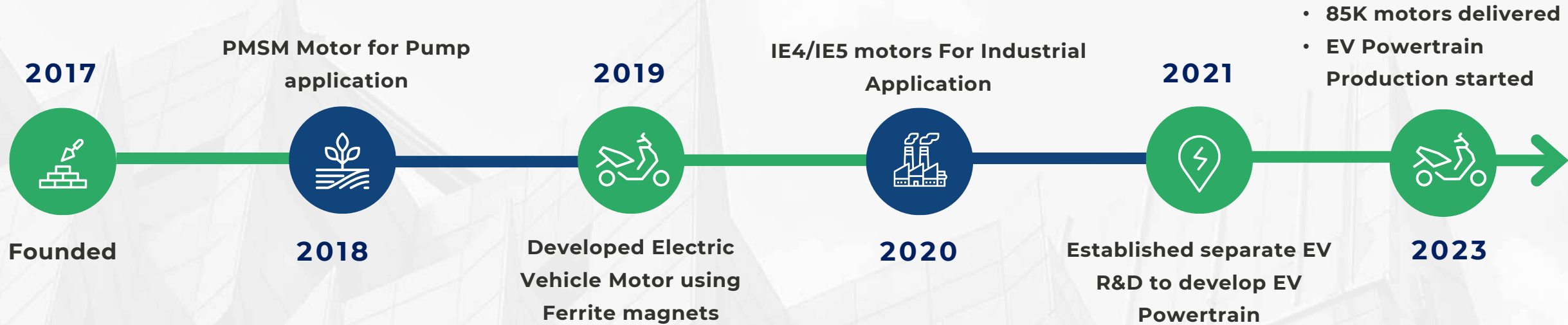




Company Overview

MATEL MOTION AND ENERGY SOLUTIONS PVT.LTD.

Our Journey So Far



62

The team includes 23 R&D resource



03

2 Manufacturing Facilities (18,000 Sq ft & 10,000 Sq ft.)
4500 Sq ft Tech center with test lab

Registered under Start-Up India



SAP ERP integrated operations



MATEL CORE Competencies



In-house capability of Mechatronics System Design

Motor Design , Gear train design, Electronics ckt design, Power Electronics

Embedded software, Cloud analytics, Thermal and structural analysis, Fluid design



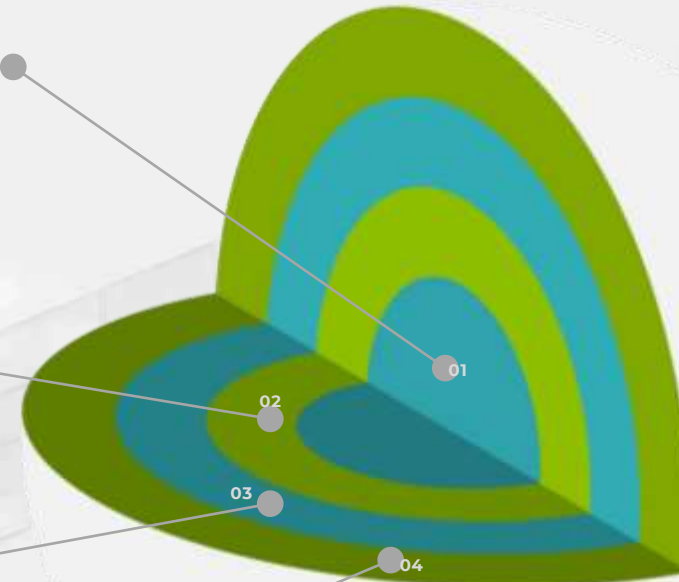
Electronics hardware and embedded software platform for EV ecosystem



Modular Design



Product Engineering



Motors at Glance



1.1 – 90KW | 1000-1500-3000RPM | IE5 | B3, B5, B14, B35, B34 | IEC 90-225

DIRECT DRIVE COOLING TOWER MOTORS



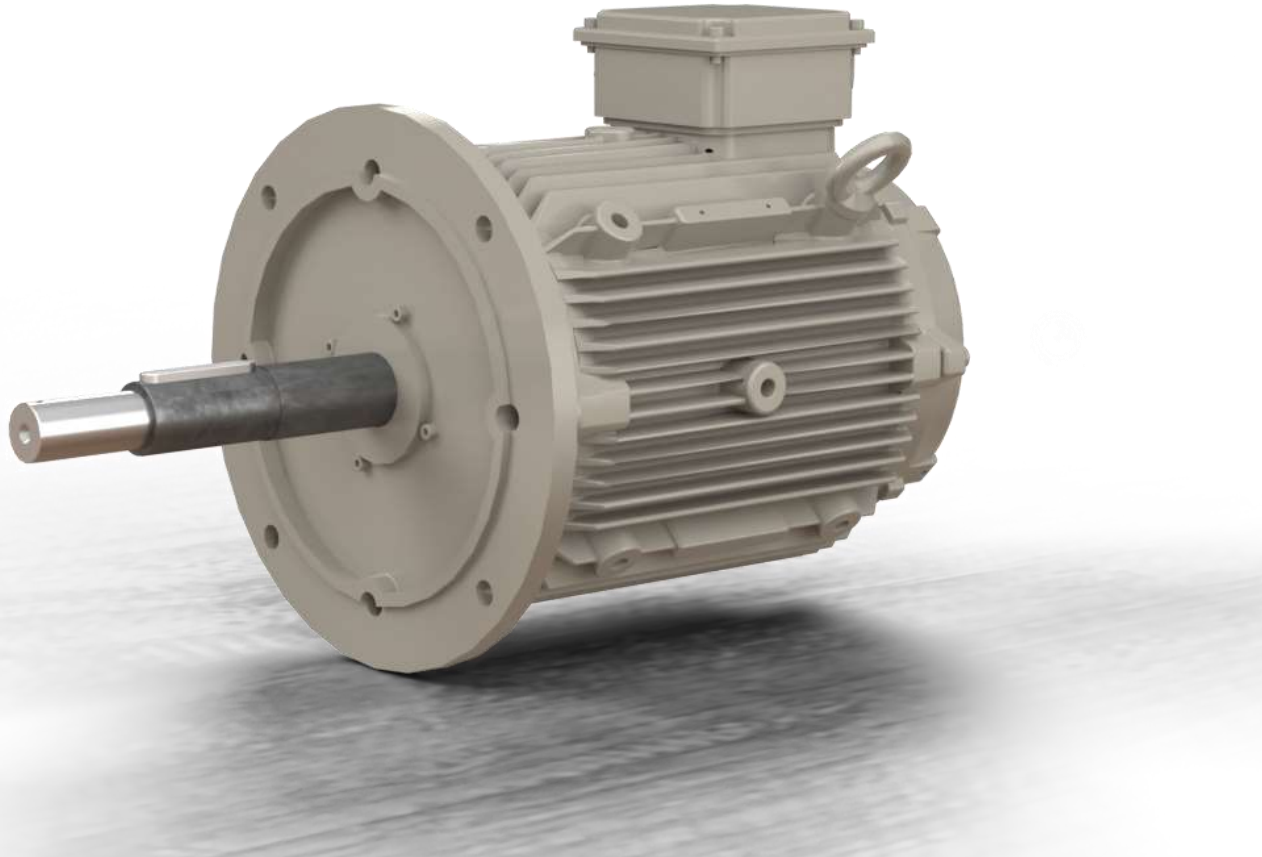
ULTRAVACC

Advantages

- Reliable
- Wide Speed Range Operation
- Direct Drive Operation
- Up to 93.8% Efficiency
- Silent Operation
- Reduced Maintenance
- Low operating cost
- Low torque ripple
- Stainless Steel Shaft
- Re-greaseable bearings for high bearing life

Motors for Blowers

MINVAGE



Advantages

- Super-Efficient
- Compact but Reliable
- Wide Speed Range Operation
- Up to 93.5% Efficiency
- Reduced Maintenance
- Low operating cost
- Stainless Steel Shaft

Agricultural Solar Pumping

Series production since 6 years

Product

- Efficient & Compact Designs
- Meet MNRE Guidelines
- 100% Stainless Steel
- Fully Serviceable

1 HP, 2HP,3HP, 5 HP
7.5 HP , 10HP & 15HP



Business

- Solar pumping for government tenders
- Sell to OEMs and Integrator



- MATEL market share ~10-15%

Drivers

- KUSUM scheme of GOI planned to install 30L pumps in 3-4 Years
- Open agriculture market shifting towards efficient pumping. Potential of 10% market shift to efficient pumping by 2025.
- Market Size – 360cr (for motors only)
Potential – 1500cr including controllers and open market agriculture pumping

85000+ Motors running in Field

Manufacturing Facility



MATEL Family



Activate Windows
Go to Settings to activate Windows

Thank You!