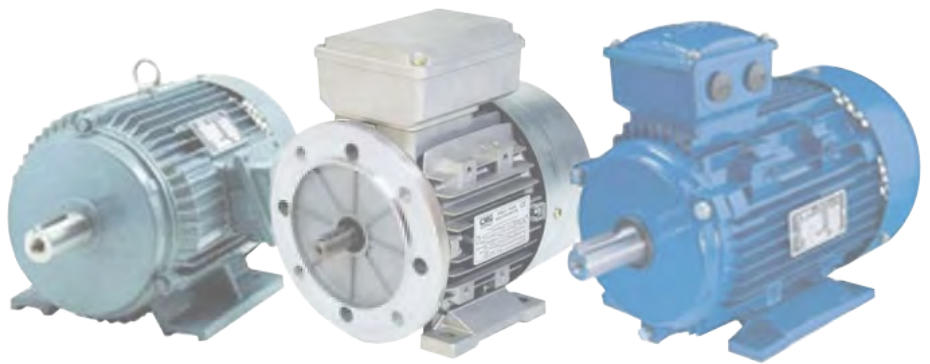
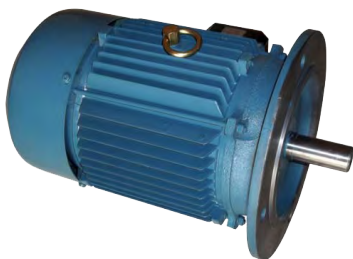
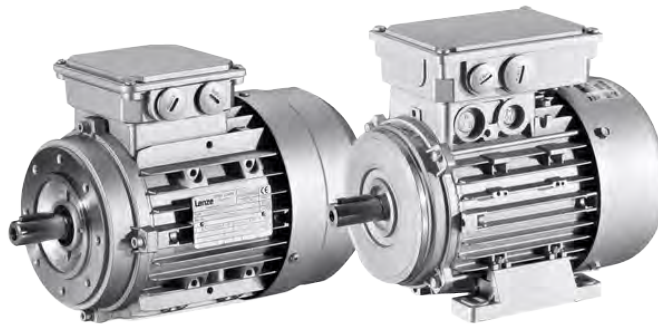
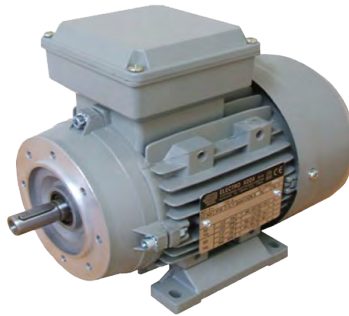


FORCE MOTION TECHNOLOGY LLP



FORCE MOTION
TECHNOLOGY

forcemotiont@gmail.com

ABOUT US

Force Motion Technology LLP

FMT introduces itself as the core designer and manufacturer of all types of AC & DC electrical motors.

Repairing and Rehabilitation of the motors also done for all types of AC & DC Electric motors.

FMT offers the Manufacturing and Repairing services as per below

Features :

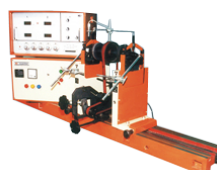
- » Core Design Expertise in 3 phase and 1 phase AC Electric motors.
- » Specialisation in design of Phase Shift motors for Speed Control Application wherever required instead of Inverter / Motor combination.
- » Rating upto 150HP.
- » AC & DC Motors can be designed and manufactured for any Voltage and any Frequency.

» Applications :

- » Traction
- » Wind Energy
- » Industrial Drives
- » Lifts & Cranes
- » Conveyors.



- » Plant and Machinery installed at FMT as per the standard norms of Railways and Wind Energy.
 - » Area covered 10000 sq. feet
 - » Hydraulic Press
 - » Lathes and Drill Machine
 - » Vacuum Pressure Impregnation Plant
 - » Winding Machine
 - » Baking Oven size 8 cubic feet inside with railing facility for loading
 - » 2, 10 & 20 Ton Crane and Hydraulic Trolley facilities for material movement
- » Testing and Measuring instruments available at FMT as per the standard norms of Railways and Wind Energy.
 - » Dynamic Balancing Machine
 - » Dynamometer
 - » Shock Pulse meter
 - » Surge Comparison Equipment
 - » Vibration Test Machine
 - » All necessary Mechanical and Electrical Gauges
- » We have plans to extend the facilities to take up higher size LT motors ,DC Motors , HT motors for repair and renovation as per customer need.



Specialisation for Rewinding and Rehabilitation of all Types of AC & DC Motors:

- » Rewinding work done as per the original Winding data and the motor specifications.
- » Raw material used will be used of Required Grade and from Approved Source as per the respective specifications of the RDSO/ CLW/ ICF etc. For e.g. Varnish- Dr. Beck's, Bearings- SKF/ FAG, Insulation paper – KNK/ NPN or only Nomex as per the requirement.
- » Corona Resistance winding wires only used for Inverter run motors.
- » Solutions offered for any repeated failures for particular application.
- » Any upgradation/ modification in the winding can be done on request of Railways and the Failure mode study of the respective application.
- » All necessary tests carried out on the Repair/ Rehabilitated motors as below:
 - » All routine tests
 - » Rotor Short Circuit test
 - » Load Test
 - » Hot Spot testing (If required laminations are separated and Recleated wherever necessary)
 - » Torque test etc.



List of Products / Auxiliary machines Manufactured / Repaired / Rehabilitated by FMT



Conventional Electric Locomotives WAG5/ WAG7/ WAP4

MVSI : Motor for Silicon Rectifier Cooling Blower
MVSL : Motor for Smoothing Reactor Cooling Blower
MPH : Motor for Transformer Oil Pump
MCP : Motor for Main Compressors
MVRH : Motor for Main Transformer Cooling Blower
MVMT : Motor for Traction Motor Cooling Blower
MVRF : Motor for Rheostatic Brake Blower

3 Phase Electric Locomotives- WAG9/ WAP5/ WAP7

Motor for Traction Motor Blower CLW-ES-3-0019
Motor for Machine Room Blower CLW-ES-3-0020
Motor for Scavenge Blower for Traction Motor CLW-ES-3-0021
Motor for Scavenge Blower for Machine Room CLW-ES-3-0022
Motor for Oil Cooling Unit CLW-ES-3-0023
Motor for Oil Pump Transformer
Motor for Oil Pump Converter



ALCO Diesel Locomotives

AC Cyclonic Filter Motor (AC 40V / 3phase)
AC Crank Case Motor (AC 40V / 3phase)
AC Fuel Pump Motor (AC 40V / 3phase)

EMD Diesel Locomotives WDG4/ WDG5

Dustbin Motor- 200V/ 120 Cycles
1 TM blower ASM
2 TM blower ASM
Main Generator Motor Blower ASM
E-Locker / Dustbin motor blower ASM
All AC motors for cooling Blowers



AC EMUs for Suburban Trains

All types of Single phase / Three phase motors for rectifier units
All AC motors for cooling Blowers/ other applications



APPLICATIONS



ISO Certificate



FORCE MOTION
TECHNOLOGY

FORCE MOTION TECHNOLOGY LLP

PLOT NO. G-54, DIGHA MIDC,
DIGHA, NAVI MUMBAI – 400708

PHONE: 9819502656

FORCEMOTIONT@GMAIL.COM