

Electric Motor Manufacturing Plant Project Report: Industry Trends, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue

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Abstracts

Electric motors are devices that convert electrical energy into mechanical energy and works on the basic principle of electromagnetic induction. Longer operating life, lower energy consumption, lesser maintenance and higher tolerance to fluctuating voltages have made electric motors widely being accepted in various segments like - industrial machinery, motor vehicles, household appliances, HVAC equipments (heating-ventilating-air-conditioning), aerospace, transportation, etc. Increased industrialisation and urbanisation, rising automobile sales, greater penetration of electricity, automation and technological advances are the biggest drivers of the global electric motor market. Improvements in living standards and an increase in the disposable incomes in emerging economies such as China, India and Brazil have also impacted the global electric motor sales.

Electric motors are found in the industrial, commercial, residential, agricultural and transportation sectors. Among these sectors, the industrial sector dominates the end-use market of electric motors with applications in pumps, fans, air and liquid compression, conveyance and other forms of mechanical handling and processing. In recent years, the demand for electric motors that consume less than 0.75 kW of power has been increasing in many regions, especially in the USA, China and Europe.

IMARC's latest study "Electric Motor Manufacturing Plant Project Report: Industry Trends, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue" provides a techno-commercial roadmap for setting up an electric motor manufacturing plant. The study, which has been done by one of the world's leading research and advisory firms, covers all the requisite aspects of the electric motor market. This ranges from macro overview of the market to micro details of the industry performance,

processing and manufacturing requirements, project cost, project funding, project economics including expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the electric motor industry in any manner.

Key Questions Answered in This Report?

What are the key success and risk factors in the electric motor industry?

How has the electric motor market performed so far and how will it perform in the coming years?

What is the structure of the electric motor manufacturing plant and who are the key players?

What are the various unit operations involved in an electric motor manufacturing plant?

What is the total size of land required for setting up an electric motor manufacturing plant?

What are the machinery requirements for setting up an electric motor manufacturing plant?

What are the raw material requirements for setting up an electric motor manufacturing plant?

What are the utility requirements for setting up an electric motor manufacturing plant?

What are the manpower requirements for setting up an electric motor manufacturing plant?

What are the infrastructure costs for setting up an electric motor manufacturing plant?

What are the capital costs for setting up an electric motor manufacturing plant?

What are the operating costs for setting up an electric motor manufacturing plant?

What should be the pricing mechanism of various types of electric motors?

What will be the income and expenditures for an electric motor manufacturing plant?

What is the time required to break-even?

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