

Global Electric Machine Design and Analysis Software Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GE71FD0FACC1EN.html>

Date: June 2026

Pages: 166

Price: US\$ 4,480.00 (Single User License)

ID: GE71FD0FACC1EN

Abstracts

The global Electric Machine Design and Analysis Software market size is expected to reach \$ 2316 million by 2032, rising at a market growth of 10.0% CAGR during the forecast period (2026-2032).

Electric Machine Design and Analysis Software refers to specialized engineering design and simulation tools used for the development of electric machines, electric drive systems, and related rotating electromagnetic equipment. It is mainly applied to permanent magnet synchronous motors, induction motors, switched reluctance motors, synchronous reluctance motors, brushless DC motors, generators, and special-purpose electric machines. Its core functions typically include electromagnetic field calculation, magnetic circuit design, winding design, torque and efficiency analysis, loss and temperature-rise evaluation, demagnetization assessment, noise and vibration analysis, mechanical strength verification, drive-control matching, duty-cycle simulation, and automated design optimization. The software can be used for rapid sizing and selection during the concept design stage, as well as 2D/3D finite element analysis, prototype validation, and pre-production engineering iteration during detailed design. The statistical boundary should focus on software used for modeling, designing, simulating, and optimizing electric machines and electric-drive-related performance. General CAD drafting tools, project management software, or pure production management systems should not be included in the core scope. With the growth of electric vehicles, industrial energy efficiency, robotics, aerospace electrification, and high-efficiency pump and fan systems, this software category is evolving from a single-purpose simulation tool into a digital R&D platform connecting materials, structure, control, thermal management, and manufacturing processes.

Electric Machine Design and Analysis Software is a high-knowledge-density product

with substantial R&D input. Its gross margin can generally be estimated at 65%–90%. Standard licensed software, subscription-based products, cloud simulation modules, and mature solver platforms usually achieve higher margins, typically in the 75%–90% range. Customized development, engineering consulting, model library construction, and system integration projects for large automotive, motor, aerospace, or industrial customers usually fall within the 35%–65% range because they require more delivery staff, longer validation cycles, and customer-specific adaptation. The upstream value chain includes electromagnetics, thermal science, structural mechanics, fluid dynamics, control algorithms, optimization algorithms, material databases, experimental test data, cloud/HPC resources, and software development tools. The midstream includes software architecture, finite element solvers, analytical design models, CAD/CAE interfaces, parametric modeling, automated optimization, AI-assisted design, digital twins, and license management. Downstream customers include EV and component manufacturers, industrial motor producers, appliance and compressor companies, robotics companies, wind power and power generation equipment manufacturers, aerospace electric propulsion teams, universities, and research institutes. Profitability is mainly determined by algorithm barriers, solver accuracy, engineering database accumulation, customer lock-in, subscription renewal rates, ecosystem compatibility, and industry qualification experience.

Market Development Opportunities & Main Driving Factors

The growth of Electric Machine Design and Analysis Software is driven by the shift from experience-based motor development to model-driven R&D. Electric vehicles, industrial energy efficiency, electric aviation, robotics, and high-efficiency appliances are pushing motors toward higher power density, higher efficiency, lower noise, lower cost, and stronger reliability. Traditional prototype-based trial-and-error methods are increasingly insufficient for rapid iteration. Policy requirements for high-efficiency motors, industrial energy saving, and electrified system efficiency continue to rise, requiring motor companies to complete electromagnetic, thermal, structural, control, and manufacturability validation at an earlier design stage. U.S. energy authorities identify motor-system energy-saving tools and high-efficiency equipment procurement as important levers for industrial energy efficiency, while electric vehicle development continues to strengthen demand for electric drive R&D. At the same time, digital twins, AI optimization, and cloud simulation are entering engineering workflows, upgrading software from standalone simulation tools into enterprise-level R&D data assets and platform capabilities.

Market Challenges, Risks, & Restraints

The core challenges of this market are high technical barriers, high customer switching costs, and long validation cycles. Electric machine design involves multidisciplinary coupling across electromagnetics, thermal behavior, structure, NVH, controllers, and manufacturing processes. The software must ensure solver accuracy while maintaining computing speed, usability, and engineering interpretability. If material databases, loss models, demagnetization models, winding models, or thermal boundary conditions are inaccurate, simulation results cannot reliably support production decisions. In addition, large customers usually already have established CAE workflows, internal model libraries, and engineering habits. New software must pass extensive benchmarking and project validation before entering core R&D processes. For software suppliers, continuous R&D investment, solver stability, industry template accumulation, after-sales engineering support, and localized service capability all affect commercialization speed. Competition will shift from individual feature comparison to integrated capability in multiphysics coupling, automated optimization, data closed-loop, and embedded engineering workflows.

Downstream Demand Trends

Downstream demand will continue to expand across electric vehicles, high-efficiency industrial motors, robotics, aerospace electric propulsion, and distributed energy equipment. EV customers focus more on co-optimizing the motor with the inverter, battery, thermal management system, and vehicle duty cycles. Industrial customers focus on efficiency compliance, lifecycle energy consumption, reliability, and rapid customization. Robotics, drones, and aerospace electric propulsion place stronger emphasis on lightweight design, high speed, high power density, and low noise. Continuous updates to motor efficiency standards in major economies will also encourage companies to conduct efficiency, loss, and compliance simulations earlier in the product development stage. Future purchasing logic will shift from buying a single simulation module to adopting a full R&D platform covering concept design, detailed simulation, optimization iteration, test validation, and digital twin deployment. Software products with AI-assisted optimization, multiphysics coupling, cloud collaboration, and industry-specific model libraries will be better positioned to enter premium electric drive and industrial energy-efficiency development systems.

This report studies the global Electric Machine Design and Analysis Software demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Electric

Machine Design and Analysis Software, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Electric Machine Design and Analysis Software that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electric Machine Design and Analysis Software total market, 2021-2032, (USD Million)

Global Electric Machine Design and Analysis Software total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Electric Machine Design and Analysis Software total market, key domestic companies, and share, (USD Million)

Global Electric Machine Design and Analysis Software revenue by player, revenue and market share 2021-2026, (USD Million)

Global Electric Machine Design and Analysis Software total market by Type, CAGR, 2021-2032, (USD Million)

Global Electric Machine Design and Analysis Software total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Electric Machine Design and Analysis Software market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ANSYS (Synopsys), JMAG (JSOL Corporation), Altair (Siemens), Siemens, Dassault Systèmes, COMSOL, MathWorks, VEPCO Technologies, SimScale, EMWorks, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Electric Machine Design and Analysis Software market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Electric Machine Design and Analysis Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Electric Machine Design and Analysis Software Market, Segmentation by Type:

Cloud-based

On-premises

Global Electric Machine Design and Analysis Software Market, Segmentation by Function:

Electromagnetic Design & Analysis Software

Thermal & Cooling Design Software

Structural, NVH & Mechanical Analysis Software

Others

Global Electric Machine Design and Analysis Software Market, Segmentation by Integration Level:

Standalone

Integrated

Global Electric Machine Design and Analysis Software Market, Segmentation by Application:

Industrial and Manufacturing

Aerospace & Defense

Automotive and Transportation

Energy and Utilities

Others

Companies Profiled:

ANSYS (Synopsys)

JMAG (JSOL Corporation)

Altair (Siemens)

Siemens

Dassault Syst?mes

COMSOL

MathWorks

VEPCO Technologies

SimScale

EMWorks

Gamma Technologies

Plexim

E-Circuit Motors

Quickfield (Tera Analysis)

Alva Industries

Neural Concept

EMDtool (Smeklab)

KOMOTEK

ZWSOFT

PERA Global

INTESIM

Key Questions Answered

1. How big is the global Electric Machine Design and Analysis Software market?
2. What is the demand of the global Electric Machine Design and Analysis Software market?
3. What is the year over year growth of the global Electric Machine Design and Analysis Software market?
4. What is the total value of the global Electric Machine Design and Analysis Software market?
5. Who are the Major Players in the global Electric Machine Design and Analysis Software market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Electric Machine Design and Analysis Software Introduction
- 1.2 World Electric Machine Design and Analysis Software Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Electric Machine Design and Analysis Software Total Market by Region (by Headquarter Location)
 - 1.3.1 World Electric Machine Design and Analysis Software Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.3 China Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.4 Europe Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.5 Japan Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.6 South Korea Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
 - 1.3.8 India Based Company Electric Machine Design and Analysis Software Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Electric Machine Design and Analysis Software Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Electric Machine Design and Analysis Software Consumption Value (2021-2032)
- 2.2 World Electric Machine Design and Analysis Software Consumption Value by Region
 - 2.2.1 World Electric Machine Design and Analysis Software Consumption Value by Region (2021-2026)
 - 2.2.2 World Electric Machine Design and Analysis Software Consumption Value

Forecast by Region (2027-2032)

2.3 United States Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.4 China Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.5 Europe Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.6 Japan Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.7 South Korea Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.8 ASEAN Electric Machine Design and Analysis Software Consumption Value (2021-2032)

2.9 India Electric Machine Design and Analysis Software Consumption Value (2021-2032)

3 WORLD ELECTRIC MACHINE DESIGN AND ANALYSIS SOFTWARE COMPANIES COMPETITIVE ANALYSIS

3.1 World Electric Machine Design and Analysis Software Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Electric Machine Design and Analysis Software Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Electric Machine Design and Analysis Software in 2025

3.2.3 Global Concentration Ratios (CR8) for Electric Machine Design and Analysis Software in 2025

3.3 Electric Machine Design and Analysis Software Company Evaluation Quadrant

3.4 Electric Machine Design and Analysis Software Market: Overall Company Footprint Analysis

3.4.1 Electric Machine Design and Analysis Software Market: Region Footprint

3.4.2 Electric Machine Design and Analysis Software Market: Company Product Type Footprint

3.4.3 Electric Machine Design and Analysis Software Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

- 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

- 4.1 United States VS China: Electric Machine Design and Analysis Software Revenue Comparison (by Headquarter Location)
 - 4.1.1 United States VS China: Electric Machine Design and Analysis Software Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
 - 4.1.2 United States VS China: Electric Machine Design and Analysis Software Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: Electric Machine Design and Analysis Software Consumption Value Comparison
 - 4.2.1 United States VS China: Electric Machine Design and Analysis Software Consumption Value Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Electric Machine Design and Analysis Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based Electric Machine Design and Analysis Software Companies and Market Share, 2021-2026
 - 4.3.1 United States Based Electric Machine Design and Analysis Software Companies, Headquarters (States, Country)
 - 4.3.2 United States Based Companies Electric Machine Design and Analysis Software Revenue, (2021-2026)
- 4.4 China Based Companies Electric Machine Design and Analysis Software Revenue and Market Share, 2021-2026
 - 4.4.1 China Based Electric Machine Design and Analysis Software Companies, Company Headquarters (Province, Country)
 - 4.4.2 China Based Companies Electric Machine Design and Analysis Software Revenue, (2021-2026)
- 4.5 Rest of World Based Electric Machine Design and Analysis Software Companies and Market Share, 2021-2026
 - 4.5.1 Rest of World Based Electric Machine Design and Analysis Software Companies, Headquarters (Province, Country)
 - 4.5.2 Rest of World Based Companies Electric Machine Design and Analysis Software Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Electric Machine Design and Analysis Software Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Cloud-based

5.2.2 On-premises

5.3 Market Segment by Type

5.3.1 World Electric Machine Design and Analysis Software Market Size by Type (2021-2026)

5.3.2 World Electric Machine Design and Analysis Software Market Size by Type (2027-2032)

5.3.3 World Electric Machine Design and Analysis Software Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY FUNCTION

6.1 World Electric Machine Design and Analysis Software Market Size Overview by Function: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Function

6.2.1 Electromagnetic Design & Analysis Software

6.2.2 Thermal & Cooling Design Software

6.2.3 Structural, NVH & Mechanical Analysis Software

6.2.4 Others

6.3 Market Segment by Function

6.3.1 World Electric Machine Design and Analysis Software Market Size by Function (2021-2026)

6.3.2 World Electric Machine Design and Analysis Software Market Size by Function (2027-2032)

6.3.3 World Electric Machine Design and Analysis Software Market Size Market Share by Function (2027-2032)

7 MARKET ANALYSIS BY INTEGRATION LEVEL

7.1 World Electric Machine Design and Analysis Software Market Size Overview by Integration Level: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Integration Level

7.2.1 Standalone

7.2.2 Integrated

7.3 Market Segment by Integration Level

7.3.1 World Electric Machine Design and Analysis Software Market Size by Integration

Level (2021-2026)

7.3.2 World Electric Machine Design and Analysis Software Market Size by Integration Level (2027-2032)

7.3.3 World Electric Machine Design and Analysis Software Market Size Market Share by Integration Level (2027-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Electric Machine Design and Analysis Software Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Industrial and Manufacturing

8.2.2 Aerospace & Defense

8.2.3 Automotive and Transportation

8.2.4 Energy and Utilities

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World Electric Machine Design and Analysis Software Market Size by Application (2021-2026)

8.3.2 World Electric Machine Design and Analysis Software Market Size by Application (2027-2032)

8.3.3 World Electric Machine Design and Analysis Software Market Size Market Share by Application (2021-2032)

9 COMPANY PROFILES

9.1 ANSYS (Synopsys)

9.1.1 ANSYS (Synopsys) Details

9.1.2 ANSYS (Synopsys) Major Business

9.1.3 ANSYS (Synopsys) Electric Machine Design and Analysis Software Product and Services

9.1.4 ANSYS (Synopsys) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.1.5 ANSYS (Synopsys) Recent Developments/Updates

9.1.6 ANSYS (Synopsys) Competitive Strengths & Weaknesses

9.2 JMAG (JSOL Corporation)

9.2.1 JMAG (JSOL Corporation) Details

9.2.2 JMAG (JSOL Corporation) Major Business

9.2.3 JMAG (JSOL Corporation) Electric Machine Design and Analysis Software

Product and Services

9.2.4 JMAG (JSOL Corporation) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.2.5 JMAG (JSOL Corporation) Recent Developments/Updates

9.2.6 JMAG (JSOL Corporation) Competitive Strengths & Weaknesses

9.3 Altair (Siemens)

9.3.1 Altair (Siemens) Details

9.3.2 Altair (Siemens) Major Business

9.3.3 Altair (Siemens) Electric Machine Design and Analysis Software Product and Services

9.3.4 Altair (Siemens) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.3.5 Altair (Siemens) Recent Developments/Updates

9.3.6 Altair (Siemens) Competitive Strengths & Weaknesses

9.4 Siemens

9.4.1 Siemens Details

9.4.2 Siemens Major Business

9.4.3 Siemens Electric Machine Design and Analysis Software Product and Services

9.4.4 Siemens Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.4.5 Siemens Recent Developments/Updates

9.4.6 Siemens Competitive Strengths & Weaknesses

9.5 Dassault Syst?mes

9.5.1 Dassault Syst?mes Details

9.5.2 Dassault Syst?mes Major Business

9.5.3 Dassault Syst?mes Electric Machine Design and Analysis Software Product and Services

9.5.4 Dassault Syst?mes Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.5.5 Dassault Syst?mes Recent Developments/Updates

9.5.6 Dassault Syst?mes Competitive Strengths & Weaknesses

9.6 COMSOL

9.6.1 COMSOL Details

9.6.2 COMSOL Major Business

9.6.3 COMSOL Electric Machine Design and Analysis Software Product and Services

9.6.4 COMSOL Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.6.5 COMSOL Recent Developments/Updates

9.6.6 COMSOL Competitive Strengths & Weaknesses

9.7 MathWorks

9.7.1 MathWorks Details

9.7.2 MathWorks Major Business

9.7.3 MathWorks Electric Machine Design and Analysis Software Product and Services

9.7.4 MathWorks Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.7.5 MathWorks Recent Developments/Updates

9.7.6 MathWorks Competitive Strengths & Weaknesses

9.8 VEPCO Technologies

9.8.1 VEPCO Technologies Details

9.8.2 VEPCO Technologies Major Business

9.8.3 VEPCO Technologies Electric Machine Design and Analysis Software Product and Services

9.8.4 VEPCO Technologies Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.8.5 VEPCO Technologies Recent Developments/Updates

9.8.6 VEPCO Technologies Competitive Strengths & Weaknesses

9.9 SimScale

9.9.1 SimScale Details

9.9.2 SimScale Major Business

9.9.3 SimScale Electric Machine Design and Analysis Software Product and Services

9.9.4 SimScale Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.9.5 SimScale Recent Developments/Updates

9.9.6 SimScale Competitive Strengths & Weaknesses

9.10 EMWorks

9.10.1 EMWorks Details

9.10.2 EMWorks Major Business

9.10.3 EMWorks Electric Machine Design and Analysis Software Product and Services

9.10.4 EMWorks Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.10.5 EMWorks Recent Developments/Updates

9.10.6 EMWorks Competitive Strengths & Weaknesses

9.11 Gamma Technologies

9.11.1 Gamma Technologies Details

9.11.2 Gamma Technologies Major Business

9.11.3 Gamma Technologies Electric Machine Design and Analysis Software Product and Services

- 9.11.4 Gamma Technologies Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)
- 9.11.5 Gamma Technologies Recent Developments/Updates
- 9.11.6 Gamma Technologies Competitive Strengths & Weaknesses
- 9.12 Plexim
 - 9.12.1 Plexim Details
 - 9.12.2 Plexim Major Business
 - 9.12.3 Plexim Electric Machine Design and Analysis Software Product and Services
 - 9.12.4 Plexim Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Plexim Recent Developments/Updates
 - 9.12.6 Plexim Competitive Strengths & Weaknesses
- 9.13 E-Circuit Motors
 - 9.13.1 E-Circuit Motors Details
 - 9.13.2 E-Circuit Motors Major Business
 - 9.13.3 E-Circuit Motors Electric Machine Design and Analysis Software Product and Services
 - 9.13.4 E-Circuit Motors Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.13.5 E-Circuit Motors Recent Developments/Updates
 - 9.13.6 E-Circuit Motors Competitive Strengths & Weaknesses
- 9.14 Quickfield (Tera Analysis)
 - 9.14.1 Quickfield (Tera Analysis) Details
 - 9.14.2 Quickfield (Tera Analysis) Major Business
 - 9.14.3 Quickfield (Tera Analysis) Electric Machine Design and Analysis Software Product and Services
 - 9.14.4 Quickfield (Tera Analysis) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Quickfield (Tera Analysis) Recent Developments/Updates
 - 9.14.6 Quickfield (Tera Analysis) Competitive Strengths & Weaknesses
- 9.15 Alva Industries
 - 9.15.1 Alva Industries Details
 - 9.15.2 Alva Industries Major Business
 - 9.15.3 Alva Industries Electric Machine Design and Analysis Software Product and Services
 - 9.15.4 Alva Industries Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Alva Industries Recent Developments/Updates
 - 9.15.6 Alva Industries Competitive Strengths & Weaknesses

9.16 Neural Concept

9.16.1 Neural Concept Details

9.16.2 Neural Concept Major Business

9.16.3 Neural Concept Electric Machine Design and Analysis Software Product and Services

9.16.4 Neural Concept Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.16.5 Neural Concept Recent Developments/Updates

9.16.6 Neural Concept Competitive Strengths & Weaknesses

9.17 EMDtool (Smeklab)

9.17.1 EMDtool (Smeklab) Details

9.17.2 EMDtool (Smeklab) Major Business

9.17.3 EMDtool (Smeklab) Electric Machine Design and Analysis Software Product and Services

9.17.4 EMDtool (Smeklab) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.17.5 EMDtool (Smeklab) Recent Developments/Updates

9.17.6 EMDtool (Smeklab) Competitive Strengths & Weaknesses

9.18 KOMOTEK

9.18.1 KOMOTEK Details

9.18.2 KOMOTEK Major Business

9.18.3 KOMOTEK Electric Machine Design and Analysis Software Product and Services

9.18.4 KOMOTEK Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.18.5 KOMOTEK Recent Developments/Updates

9.18.6 KOMOTEK Competitive Strengths & Weaknesses

9.19 ZWSOFT

9.19.1 ZWSOFT Details

9.19.2 ZWSOFT Major Business

9.19.3 ZWSOFT Electric Machine Design and Analysis Software Product and Services

9.19.4 ZWSOFT Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.19.5 ZWSOFT Recent Developments/Updates

9.19.6 ZWSOFT Competitive Strengths & Weaknesses

9.20 PERA Global

9.20.1 PERA Global Details

9.20.2 PERA Global Major Business

9.20.3 PERA Global Electric Machine Design and Analysis Software Product and

Services

9.20.4 PERA Global Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.20.5 PERA Global Recent Developments/Updates

9.20.6 PERA Global Competitive Strengths & Weaknesses

9.21 INTESIM

9.21.1 INTESIM Details

9.21.2 INTESIM Major Business

9.21.3 INTESIM Electric Machine Design and Analysis Software Product and Services

9.21.4 INTESIM Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026)

9.21.5 INTESIM Recent Developments/Updates

9.21.6 INTESIM Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Electric Machine Design and Analysis Software Industry Chain

10.2 Electric Machine Design and Analysis Software Upstream Analysis

10.3 Electric Machine Design and Analysis Software Midstream Analysis

10.4 Electric Machine Design and Analysis Software Downstream Analysis

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Electric Machine Design and Analysis Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Table 2. World Electric Machine Design and Analysis Software Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)

Table 3. World Electric Machine Design and Analysis Software Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)

Table 4. World Electric Machine Design and Analysis Software Revenue Market Share by Region (2021-2026), (by Headquarter Location)

Table 5. World Electric Machine Design and Analysis Software Revenue Market Share by Region (2027-2032), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Electric Machine Design and Analysis Software Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)

Table 8. World Electric Machine Design and Analysis Software Consumption Value by Region (2021-2026) & (USD Million)

Table 9. World Electric Machine Design and Analysis Software Consumption Value Forecast by Region (2027-2032) & (USD Million)

Table 10. World Electric Machine Design and Analysis Software Revenue by Player (2021-2026) & (USD Million)

Table 11. Revenue Market Share of Key Electric Machine Design and Analysis Software Players in 2025

Table 12. World Electric Machine Design and Analysis Software Industry Rank of Major Player, Based on Revenue in 2025

Table 13. Global Electric Machine Design and Analysis Software Company Evaluation Quadrant

Table 14. Head Office of Key Electric Machine Design and Analysis Software Players

Table 15. Electric Machine Design and Analysis Software Market: Company Product Type Footprint

Table 16. Electric Machine Design and Analysis Software Market: Company Product Application Footprint

Table 17. Electric Machine Design and Analysis Software Mergers & Acquisitions Activity

Table 18. United States VS China Electric Machine Design and Analysis Software Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China Electric Machine Design and Analysis Software

Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based Electric Machine Design and Analysis Software Companies, Headquarters (States, Country)

Table 21. United States Based Companies Electric Machine Design and Analysis Software Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Electric Machine Design and Analysis Software Revenue Market Share (2021-2026)

Table 23. China Based Electric Machine Design and Analysis Software Companies, Headquarters (Province, Country)

Table 24. China Based Companies Electric Machine Design and Analysis Software Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Electric Machine Design and Analysis Software Revenue Market Share (2021-2026)

Table 26. Rest of World Based Electric Machine Design and Analysis Software Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Electric Machine Design and Analysis Software Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Electric Machine Design and Analysis Software Revenue Market Share (2021-2026)

Table 29. World Electric Machine Design and Analysis Software Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Electric Machine Design and Analysis Software Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Electric Machine Design and Analysis Software Market Size by Type (2027-2032) & (USD Million)

Table 32. World Electric Machine Design and Analysis Software Market Size by Function, (USD Million), 2021 & 2025 & 2032

Table 33. World Electric Machine Design and Analysis Software Market Size Value by Function (2021-2026) & (USD Million)

Table 34. World Electric Machine Design and Analysis Software Market Size by Function (2027-2032) & (USD Million)

Table 35. World Electric Machine Design and Analysis Software Market Size by Integration Level, (USD Million), 2021 & 2025 & 2032

Table 36. World Electric Machine Design and Analysis Software Market Size Value by Integration Level (2021-2026) & (USD Million)

Table 37. World Electric Machine Design and Analysis Software Market Size by Integration Level (2027-2032) & (USD Million)

Table 38. World Electric Machine Design and Analysis Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World Electric Machine Design and Analysis Software Market Size by Application (2021-2026) & (USD Million)

Table 40. World Electric Machine Design and Analysis Software Market Size by Application (2027-2032) & (USD Million)

Table 41. ANSYS (Synopsys) Basic Information, Manufacturing Base and Competitors

Table 42. ANSYS (Synopsys) Major Business

Table 43. ANSYS (Synopsys) Electric Machine Design and Analysis Software Product and Services

Table 44. ANSYS (Synopsys) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 45. ANSYS (Synopsys) Recent Developments/Updates

Table 46. ANSYS (Synopsys) Competitive Strengths & Weaknesses

Table 47. JMAG (JSOL Corporation) Basic Information, Manufacturing Base and Competitors

Table 48. JMAG (JSOL Corporation) Major Business

Table 49. JMAG (JSOL Corporation) Electric Machine Design and Analysis Software Product and Services

Table 50. JMAG (JSOL Corporation) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 51. JMAG (JSOL Corporation) Recent Developments/Updates

Table 52. JMAG (JSOL Corporation) Competitive Strengths & Weaknesses

Table 53. Altair (Siemens) Basic Information, Manufacturing Base and Competitors

Table 54. Altair (Siemens) Major Business

Table 55. Altair (Siemens) Electric Machine Design and Analysis Software Product and Services

Table 56. Altair (Siemens) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 57. Altair (Siemens) Recent Developments/Updates

Table 58. Altair (Siemens) Competitive Strengths & Weaknesses

Table 59. Siemens Basic Information, Manufacturing Base and Competitors

Table 60. Siemens Major Business

Table 61. Siemens Electric Machine Design and Analysis Software Product and Services

Table 62. Siemens Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 63. Siemens Recent Developments/Updates

Table 64. Siemens Competitive Strengths & Weaknesses

Table 65. Dassault Systèmes Basic Information, Manufacturing Base and Competitors

Table 66. Dassault Systèmes Major Business

Table 67. Dassault Systèmes Electric Machine Design and Analysis Software Product and Services

Table 68. Dassault Systèmes Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 69. Dassault Systèmes Recent Developments/Updates

Table 70. Dassault Systèmes Competitive Strengths & Weaknesses

Table 71. COMSOL Basic Information, Manufacturing Base and Competitors

Table 72. COMSOL Major Business

Table 73. COMSOL Electric Machine Design and Analysis Software Product and Services

Table 74. COMSOL Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 75. COMSOL Recent Developments/Updates

Table 76. COMSOL Competitive Strengths & Weaknesses

Table 77. MathWorks Basic Information, Manufacturing Base and Competitors

Table 78. MathWorks Major Business

Table 79. MathWorks Electric Machine Design and Analysis Software Product and Services

Table 80. MathWorks Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 81. MathWorks Recent Developments/Updates

Table 82. MathWorks Competitive Strengths & Weaknesses

Table 83. VEPCO Technologies Basic Information, Manufacturing Base and Competitors

Table 84. VEPCO Technologies Major Business

Table 85. VEPCO Technologies Electric Machine Design and Analysis Software Product and Services

Table 86. VEPCO Technologies Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 87. VEPCO Technologies Recent Developments/Updates

Table 88. VEPCO Technologies Competitive Strengths & Weaknesses

Table 89. SimScale Basic Information, Manufacturing Base and Competitors

Table 90. SimScale Major Business

Table 91. SimScale Electric Machine Design and Analysis Software Product and Services

Table 92. SimScale Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 93. SimScale Recent Developments/Updates

Table 94. SimScale Competitive Strengths & Weaknesses

- Table 95. EMWorks Basic Information, Manufacturing Base and Competitors
- Table 96. EMWorks Major Business
- Table 97. EMWorks Electric Machine Design and Analysis Software Product and Services
- Table 98. EMWorks Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 99. EMWorks Recent Developments/Updates
- Table 100. EMWorks Competitive Strengths & Weaknesses
- Table 101. Gamma Technologies Basic Information, Manufacturing Base and Competitors
- Table 102. Gamma Technologies Major Business
- Table 103. Gamma Technologies Electric Machine Design and Analysis Software Product and Services
- Table 104. Gamma Technologies Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 105. Gamma Technologies Recent Developments/Updates
- Table 106. Gamma Technologies Competitive Strengths & Weaknesses
- Table 107. Plexim Basic Information, Manufacturing Base and Competitors
- Table 108. Plexim Major Business
- Table 109. Plexim Electric Machine Design and Analysis Software Product and Services
- Table 110. Plexim Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 111. Plexim Recent Developments/Updates
- Table 112. Plexim Competitive Strengths & Weaknesses
- Table 113. E-Circuit Motors Basic Information, Manufacturing Base and Competitors
- Table 114. E-Circuit Motors Major Business
- Table 115. E-Circuit Motors Electric Machine Design and Analysis Software Product and Services
- Table 116. E-Circuit Motors Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 117. E-Circuit Motors Recent Developments/Updates
- Table 118. E-Circuit Motors Competitive Strengths & Weaknesses
- Table 119. Quickfield (Tera Analysis) Basic Information, Manufacturing Base and Competitors
- Table 120. Quickfield (Tera Analysis) Major Business
- Table 121. Quickfield (Tera Analysis) Electric Machine Design and Analysis Software Product and Services
- Table 122. Quickfield (Tera Analysis) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

- Table 123. Quickfield (Tera Analysis) Recent Developments/Updates
- Table 124. Quickfield (Tera Analysis) Competitive Strengths & Weaknesses
- Table 125. Alva Industries Basic Information, Manufacturing Base and Competitors
- Table 126. Alva Industries Major Business
- Table 127. Alva Industries Electric Machine Design and Analysis Software Product and Services
- Table 128. Alva Industries Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 129. Alva Industries Recent Developments/Updates
- Table 130. Alva Industries Competitive Strengths & Weaknesses
- Table 131. Neural Concept Basic Information, Manufacturing Base and Competitors
- Table 132. Neural Concept Major Business
- Table 133. Neural Concept Electric Machine Design and Analysis Software Product and Services
- Table 134. Neural Concept Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 135. Neural Concept Recent Developments/Updates
- Table 136. Neural Concept Competitive Strengths & Weaknesses
- Table 137. EMDtool (Smeklab) Basic Information, Manufacturing Base and Competitors
- Table 138. EMDtool (Smeklab) Major Business
- Table 139. EMDtool (Smeklab) Electric Machine Design and Analysis Software Product and Services
- Table 140. EMDtool (Smeklab) Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 141. EMDtool (Smeklab) Recent Developments/Updates
- Table 142. EMDtool (Smeklab) Competitive Strengths & Weaknesses
- Table 143. KOMOTEK Basic Information, Manufacturing Base and Competitors
- Table 144. KOMOTEK Major Business
- Table 145. KOMOTEK Electric Machine Design and Analysis Software Product and Services
- Table 146. KOMOTEK Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 147. KOMOTEK Recent Developments/Updates
- Table 148. KOMOTEK Competitive Strengths & Weaknesses
- Table 149. ZWSOFT Basic Information, Manufacturing Base and Competitors
- Table 150. ZWSOFT Major Business
- Table 151. ZWSOFT Electric Machine Design and Analysis Software Product and Services
- Table 152. ZWSOFT Electric Machine Design and Analysis Software Revenue, Gross

Margin and Market Share (2021-2026) & (USD Million)

Table 153. ZWSOFT Recent Developments/Updates

Table 154. ZWSOFT Competitive Strengths & Weaknesses

Table 155. PERA Global Basic Information, Manufacturing Base and Competitors

Table 156. PERA Global Major Business

Table 157. PERA Global Electric Machine Design and Analysis Software Product and Services

Table 158. PERA Global Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 159. PERA Global Recent Developments/Updates

Table 160. PERA Global Competitive Strengths & Weaknesses

Table 161. INTESIM Basic Information, Manufacturing Base and Competitors

Table 162. INTESIM Major Business

Table 163. INTESIM Electric Machine Design and Analysis Software Product and Services

Table 164. INTESIM Electric Machine Design and Analysis Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 165. INTESIM Recent Developments/Updates

Table 166. INTESIM Competitive Strengths & Weaknesses

Table 167. Global Key Players of Electric Machine Design and Analysis Software Upstream (Raw Materials)

Table 168. Global Electric Machine Design and Analysis Software Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Electric Machine Design and Analysis Software Picture
- Figure 2. World Electric Machine Design and Analysis Software Total Revenue: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Electric Machine Design and Analysis Software Total Revenue (2021-2032) & (USD Million)
- Figure 4. World Electric Machine Design and Analysis Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Figure 5. World Electric Machine Design and Analysis Software Revenue Market Share by Region (2021-2032), (by Headquarter Location)
- Figure 6. United States Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 7. China Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 8. Europe Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 9. Japan Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 10. South Korea Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 11. ASEAN Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 12. India Based Company Electric Machine Design and Analysis Software Revenue (2021-2032) & (USD Million)
- Figure 13. Electric Machine Design and Analysis Software Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)
- Figure 16. World Electric Machine Design and Analysis Software Consumption Value Market Share by Region (2021-2032)
- Figure 17. United States Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)
- Figure 18. China Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)
- Figure 19. Europe Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)

Figure 23. India Electric Machine Design and Analysis Software Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of Electric Machine Design and Analysis Software by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Electric Machine Design and Analysis Software Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Electric Machine Design and Analysis Software Markets in 2025

Figure 27. United States VS China: Electric Machine Design and Analysis Software Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Electric Machine Design and Analysis Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World Electric Machine Design and Analysis Software Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World Electric Machine Design and Analysis Software Market Size Market Share by Type in 2025

Figure 31. Cloud-based

Figure 32. On-premises

Figure 33. World Electric Machine Design and Analysis Software Market Size Market Share by Type (2021-2032)

Figure 34. World Electric Machine Design and Analysis Software Market Size by Function, (USD Million), 2021 & 2025 & 2032

Figure 35. World Electric Machine Design and Analysis Software Market Size Market Share by Function in 2025

Figure 36. Electromagnetic Design & Analysis Software

Figure 37. Thermal & Cooling Design Software

Figure 38. Structural, NVH & Mechanical Analysis Software

Figure 39. Others

Figure 40. World Electric Machine Design and Analysis Software Market Size Market Share by Function (2021-2032)

Figure 41. World Electric Machine Design and Analysis Software Market Size by Integration Level, (USD Million), 2021 & 2025 & 2032

Figure 42. World Electric Machine Design and Analysis Software Market Size Market

Share by Integration Level in 2025

Figure 43. Standalone

Figure 44. Integrated

Figure 45. World Electric Machine Design and Analysis Software Market Size Market Share by Integration Level (2021-2032)

Figure 46. World Electric Machine Design and Analysis Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 47. World Electric Machine Design and Analysis Software Market Size Market Share by Application in 2025

Figure 48. Industrial and Manufacturing

Figure 49. Aerospace & Defense

Figure 50. Automotive and Transportation

Figure 51. Energy and Utilities

Figure 52. Others

Figure 53. World Electric Machine Design and Analysis Software Market Size Market Share by Application (2021-2032)

Figure 54. Electric Machine Design and Analysis Software Industrial Chain

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global Electric Machine Design and Analysis Software Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GE71FD0FACC1EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE71FD0FACC1EN.html>