

Automotive Micromotors Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 80 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The automotive micromotors market is anticipated to register a CAGR of 4.65% during the forecast period (2022-2027). The market surpassed a net valuation of USD 34.78 billion in 2021, and it is expected to remain promising during the forecast period, ending with a net valuation of USD 45.68 billion by 2027.?

Features such as automatic air vent movement for passing air in water distribution pipes to avoid damage (corrosion, air pockets in radiators), front and rear mirror control, and seat adjustments in all segments have led to a huge demand for these micromotors and their mass production. Mabuchi Motor designed two motors (IS-94BZA and IS-92BZA) for light electric vehicles. The new products achieve lightweight, compactness, high output, and high efficiency.

In 2020, the micromotors market witnessed a steady downfall in global demand during the COVID-19 outbreak. Even though during Q3 and Q4 of FY2020, the demand for micromotors was muted amid a lack of supply chain capabilities during the outbreak, the market regained its growth phase after Q2 FY21 as soon the supply became inline.

As of 2021, the Asia-Pacific region was the largest market for automotive micromotors. It is expected to maintain its dominance by 2027. The region alone contributed to over 55% of the total micromotor production worldwide in 2021. The recent developments in designing compact and high-efficiency motors have created opportunities in the automobile industry. Europe is the second-largest market for automotive micromotors. The North American automotive market is growing relatively fast in production and sales. The features of micromotors allow the automotive industry to incorporate luxury in all segments.

Automotive Micro Motor Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott-international.com

www.scott-international.com

Automotive Industry to Lead in Technology

Globally, micro motors are witnessing extreme demand from key automotive manufacturers. The demand for automotive parts and components is growing steadily for various applications. The demand for DC and brushed micromotors is driving the adoption of different micromotors in the market.

Automotive seats are now offered with micromotors to enhance massager capabilities. ORVM, power windows, etc., are some of the key use cases of micromotors witnessing higher adoption rates. Thus, demand seems much more effective with the expansion of smart technologies in the automotive sector.

All these high RPM micromotors improve automotive performance. Key manufacturers are much more inclined toward manufacturing micro-motors that consume minimal power.

Asia-Pacific to Witness Highest Growth

Manufacturing is one of the pillars of the Chinese economy and is undergoing a rapid transformation. This large-scale transformation has put the country in a leading position in the market. The country has evolved in its capabilities, from producing low-cost goods to manufacturing more advanced products over the last two decades.

The Chinese economy is growing, and the disposable income of middle-class consumers is also increasing, which reflects positively on the growing demand for vehicles. Over the past five years, due to the low production costs in the country, vehicle production has gone up drastically. Moreover, the Chinese government has cut down the taxes on cars to increase their sales. China is also one of the largest exporters of automobiles and automotive components. Increasing car production in the region is expected to boost the market's growth. Chinese automotive exports are heavily influenced by the global economy and environmental regulations. Recent changes in the rules worldwide have had little impact on sales growth.

According to the China Association of Automobile Manufacturers, the largest car market in the world, i.e., China, grew by 3.8% Y-o-Y after a monthly sales of 2.7 million vehicles in December Q4 FY21 and brought total sales to 26.2 million.

In addition, Japan is anticipated to hold the future lucrative opportunities after China in Asia-Pacific, capturing more than 12% overall share in the demand for micromotors. Japan is well equipped with key players, including Nidec Corporation, Mabuchi Motors, and Mitsuba Corporation, which are expected to boost growth in the region. Moreover, emerging economies, including India and ASEAN, are further evaluated to have the demand for micromotors globally.

Automotive Micro Motor Market Competitor Analysis

The micromotors market is moderately fragmented, with major players holding more than 40% of the total market share. Some of the major market players are Buhler Motor GmbH, Constar Motor, Johnson Electric Holdings Limited, Mitsuba Corporation, and Nidec Corporation. These companies have robust R&D capabilities to cater to the global demand. In addition, an extensive supply chain globally and distribution network helped these business giants to gain traction in the market.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

1 INTRODUCTION

1.1 Study Assumptions

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.3 Market Restraints

4.4 Value Chain/Supply Chain Analysis

4.5 Porter's Five Forces Analysis

4.5.1 Threat of New Entrants

4.5.2 Bargaining Power of Buyers/Consumers

4.5.3 Bargaining Power of Suppliers

4.5.4 Threat of Substitute Products

4.5.5 Intensity of Competitive Rivalry

4.6 PESTLE Analysis

5 MARKET SEGMENTATION

5.1 Power Consumption

5.1.1 Less than 11 V

5.1.2 12V - 24V

5.1.3 25V - 48V

5.1.4 More than 48V

5.2 Motor Type

5.2.1 DC Motor

5.2.2 AC Motor

5.3 Technology Type

5.3.1 Brushed Micromotor

5.3.2 Brushless Micromotor

5.4 Geography

5.4.1 North America

5.4.1.1 United States

5.4.1.2 Canada

5.4.1.3 Mexico

5.4.1.4 Rest of North America

5.4.2 Europe

5.4.2.1 Germany

5.4.2.2 United Kingdom

5.4.2.3 France

5.4.2.4 Russia

5.4.2.5 Spain

5.4.2.6 Rest of Europe

5.4.3 Asia Pacific

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.3.1 India
- 5.4.3.2 China
- 5.4.3.3 South Korea
- 5.4.3.4 Japan
- 5.4.3.5 Rest of Asia-Pacific
- 5.4.4 South America
 - 5.4.4.1 Brazil
 - 5.4.4.2 Argentina
 - 5.4.4.3 Rest of South America
- 5.4.5 Middle-East
 - 5.4.5.1 United Arab Emirates
 - 5.4.5.2 Saudi Arabia
 - 5.4.5.3 Turkey
 - 5.4.5.4 Rest of Middle-East

6 COMPETITIVE LANDSCAPE

- 6.1 Vendor Market Share
- 6.2 Mergers & Acquisitions
- 6.3 Company Profiles
 - 6.3.1 ASMO CO Ltd
 - 6.3.2 Buhler Motor GmbH
 - 6.3.3 Constar Motor
 - 6.3.4 Johnson Electric Holdings Limited
 - 6.3.5 Mabuchi Motors
 - 6.3.6 Maxon Motors AG
 - 6.3.7 Mitsuba Corporation
 - 6.3.8 NIDEC Corporation
 - 6.3.9 Wellings Holding Ltd

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Automotive Micromotors Market - Growth, Trends, Covid-19 Impact, and Forecasts
(2023 - 2028)**

Market Report | 2023-01-23 | 80 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-05"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

