

Off Highway Vehicle Engine Market Report by Power Output (Agricultural Machinery, Construction Machinery), Engine Capacity (<5L Capacity, 5L-10L Capacity, >10L Capacity), Fuel Type (Diesel, Gasoline, and Others), and Region 2024-2032

Market Report | 2024-07-01 | 139 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$3899.00
- Five User Licence \$4899.00
- Enterprisewide License \$5899.00

Report description:

The global off highway vehicle engine market size reached US\$ 42.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 67.0 Billion by 2032, exhibiting a growth rate (CAGR) of 5.1% during 2024-2032.

An off highway vehicle (OHV) is a motor vehicle not intended to be driven or moved on a public highway. It includes all-terrain vehicles (ATVs), four-wheelers, three-wheelers, motorcycles, dirt and trail bikes, and snowmobiles. It has flexible suspension, caterpillar tracks, and large tires with deep treads. In recent years, automotive manufacturers have worked to improve OHV engine designs to minimize the emission of pollutants using techniques, such as direct fuel injection, variable valve timing, combustion chamber mixing, and exhaust gas recycling. These methods help improve the efficiency of combustion, which lowers pollutant generation and offers energy efficiency.

Off Highway Vehicle Engine Market Trends:

With the rising agricultural mechanization, the production, distribution, and utilization of agricultural machinery is increasing in the development of agricultural land, planting, harvesting, and primary processing. This, in confluence with the thriving agriculture sector, represents one of the key actors propelling the growth of the market. Moreover, there is a rise in the use of forklift trucks, which are generally powered by petrol and diesel engines for transporting heavy building materials across rough terrain. Besides this, load haul dump (LHD) machines are increasingly being utilized in underground environments like mines to load and transport ore and minerals. This, coupled with increasing mining activities around the world, is creating a positive outlook for the market. Apart from this, ATVs find extensive applications in border patrol and security, construction operations, emergency medical response, search and rescue, law enforcement, land management and surveying, military operations, and

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

mineral and oil exploration. This, along with the rising electrification of OHVs on account of benefits, such as clean air, efficiency, and safety, is strengthening the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global off highway vehicle engine market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on power output, engine capacity and fuel type.

Breakup by Power Output:

Agricultural Machinery
Upto 30 HP
31-50 HP
51-80 HP
81-140 HP
140+ HP
Construction Machinery
Upto 100 HP
101-200 HP
201-400 HP
400+ HP

Breakup by Engine Capacity:

<5L Capacity
5L-10L Capacity
>10L Capacity

Breakup by Fuel Type:

Diesel
Gasoline
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AB Volvo, AGCO Corporation, Caterpillar Inc., Cummins Inc., Deere & Company, Deutz AG, Hitachi Construction Machinery Co. Ltd. (Hitachi Ltd.), J C Bamford Excavators Ltd., Komatsu Ltd., KUBOTA Corporation, Mahindra & Mahindra Ltd., Weichai Power Co. Ltd and Yanmar Holdings Co. Ltd.

Key Questions Answered in This Report:

How has the global off highway vehicle engine market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global off highway vehicle engine market?
What are the key regional markets?
What is the breakup of the market based on the power output?
What is the breakup of the market based on the engine capacity?
What is the breakup of the market based on the fuel type?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global off highway vehicle engine market and who are the key players?
What is the degree of competition in the industry?

Table of Contents:

1	Preface
2	Scope and Methodology
2.1	Objectives of the Study
2.2	Stakeholders
2.3	Data Sources
2.3.1	Primary Sources
2.3.2	Secondary Sources
2.4	Market Estimation
2.4.1	Bottom-Up Approach
2.4.2	Top-Down Approach
2.5	Forecasting Methodology
3	Executive Summary
4	Introduction
4.1	Overview

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 4.2 Key Industry Trends
- 5 Global Off Highway Vehicle Engine Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Power Output
 - 6.1 Agricultural Machinery
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Upto 30 HP
 - 6.1.2.2 31-50 HP
 - 6.1.2.3 51-80 HP
 - 6.1.2.4 81-140 HP
 - 6.1.2.5 140+ HP
 - 6.1.3 Market Forecast
 - 6.2 Construction Machinery
 - 6.2.1 Market Trends
 - 6.2.2 Key Segments
 - 6.2.2.1 Upto 100 HP
 - 6.2.2.2 101-200 HP
 - 6.2.2.3 201-400 HP
 - 6.2.2.4 400+ HP
 - 6.2.3 Market Forecast
- 7 Market Breakup by Engine Capacity
 - 7.1 <5L Capacity
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 5L-10L Capacity
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
 - 7.3 >10L Capacity
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 8 Market Breakup by Fuel Type
 - 8.1 Diesel
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Gasoline
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
 - 8.3 Others
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 9 Market Breakup by Region
 - 9.1 North America
 - 9.1.1 United States

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.1.1.1 Market Trends
- 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.3.7.1 Market Trends
- 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast
- 10 SWOT Analysis
 - 10.1 Overview
 - 10.2 Strengths
 - 10.3 Weaknesses
 - 10.4 Opportunities
 - 10.5 Threats
- 11 Value Chain Analysis
- 12 Porters Five Forces Analysis
 - 12.1 Overview
 - 12.2 Bargaining Power of Buyers
 - 12.3 Bargaining Power of Suppliers
 - 12.4 Degree of Competition
 - 12.5 Threat of New Entrants
 - 12.6 Threat of Substitutes
- 13 Price Analysis
- 14 Competitive Landscape
 - 14.1 Market Structure
 - 14.2 Key Players
 - 14.3 Profiles of Key Players
 - 14.3.1 AB Volvo
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 AGCO Corporation
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Caterpillar Inc.
 - 14.3.3.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 14.3.3.2 Product Portfolio
- 14.3.3.3 Financials
- 14.3.3.4 SWOT Analysis
- 14.3.4 Cummins Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
- 14.3.5 Deere & Company
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
- 14.3.6 Deutz AG
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
- 14.3.7 Hitachi Construction Machinery Co. Ltd. (Hitachi Ltd.)
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 J C Bamford Excavators Ltd.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Komatsu Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 KUBOTA Corporation
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Mahindra & Mahindra Ltd.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Weichai Power Co. Ltd
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
- 14.3.13 Yanmar Holdings Co. Ltd.
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Off Highway Vehicle Engine Market Report by Power Output (Agricultural Machinery, Construction Machinery), Engine Capacity (<5L Capacity, 5L-10L Capacity, >10L Capacity), Fuel Type (Diesel, Gasoline, and Others), and Region 2024-2032

Market Report | 2024-07-01 | 139 pages | IMARC Group

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
	Electronic (PDF) Single User	\$3899.00
	Five User Licence	\$4899.00
	Enterprisewide License	\$5899.00
		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	2025-05-08

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Signature

A large, empty rectangular box with a thin black border, intended for a signature.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com