

India Utility Terrain Vehicle (UTV) Market by Displacement (Below 400 cc, 400-800 cc, and Above 800 cc), by Propulsion Type (Gasoline, Diesel, and Electric), by Application (Utility, Sports, Recreation, Military, Construction, and Others), and by End User (Individual Consumers, Commercial Users, and Government and Defense Agencies) – Global Opportunity Analysis and Industry Forecast 2025-2030

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Abstracts

The India 4WD UTV Market size was valued at USD 223.2 million in 2024, and is predicted to reach USD 300.1 million by 2030, at a CAGR of 4.4% from 2025 to 2030. Addition to that, it had a market volume of 25 thousand units in 2024, and is predicted to reach 42 thousand units by 2030 at a CAGR of 8.3% from 2025 to 2030.

Investment towards the agriculture sector boosts the market as the demand for efficient and adaptable vehicles rises to support modern farming practices. These vehicles are essential for transporting tools, equipment, and produce, navigating uneven terrains, and optimizing operations across expansive farmlands. As per the National Bank for Agriculture and Rural Development (NABARD), India invested around USD 17.38 billion for the year 2024-25, further drives the adoption of versatile vehicles designed to improve efficiency and productivity in farming.

Moreover, India's growing military expenditure drives the expansion of the market as the demand for reliable and multifunctional vehicles to support defense operations rises. These vehicles play a critical role in transporting supplies, manoeuvring through challenging terrains, and executing military missions, making them essential in defense

strategies. The SIPRI's latest report stated that, India's military expenditure accounted for USD 83.6 billion in 2023 marking an increase of 4.2% compared to the last year, that boosts the market expansion in the country.

However, the high manufacturing cost of 4WD UTVs hinders market growth as it significantly impacts their affordability and accessibility for end-users.

The integration of electric powertrains creates future growth opportunities for the market as manufacturers increasingly venture into eco-friendly alternatives to meet strict environmental regulations and cater to the growing demand for sustainable solutions. For example, Volcon Inc., launched HF1 Electric UTV, designed as a high-powered utility task vehicle that accommodates three passengers in a single row, combining advanced technology with rugged performance for off-road enthusiasts. Electric 4WD UTVs offer benefits in key areas such as reduced emissions, lower operational costs, and quieter operation, making them highly appealing for use in industries including agriculture, construction, and recreational activities.

Segment Overview

The India 4WD UTV market is segmented on the basis of displacement, propulsion type, application and end-user.

By displacement, the market is classified into below 400cc, 400cc-800cc and above 800cc.

By propulsion type, the market is divided into gasoline, diesel and electric.

By application, the market is divided into utility, sports, recreation, military, construction and others.

By end-user, the market is classified into individual consumer, commercial users, government agencies and defence agencies.

Key Benefits

The India 4WD UTV market report provides a quantitative analysis of the current market and estimations from 2025 to 2030. This analysis assists in identifying the prevailing market opportunities.

The study comprises a comprehensive analysis of the trends, including current and future trends for depicting prevalent investment pockets in the market.

The information related to key drivers, restraints, and opportunities and their impact on the India 4WD UTV market is provided in the report.

The competitive analysis of the market players along with their market share in the India 4WD UTV market is provided in the report.

The SWOT analysis and Porter's Five Forces model are elaborated in the study.

The value chain analysis in the market study provides a clear picture of the role of stakeholders.

Contents

1 INTRODUCTION

- 1.1 REPORT DESCRIPTION
- 1.2 RESEARCH METHODOLOGY
 - 1.2.1 SECONDARY RESEARCH
 - 1.2.2 DATA ANALYSIS FRAMEWORK
 - 1.2.3 MARKET SIZE ESTIMATION
 - 1.2.4 FORECASTING
 - 1.2.5 PRIMARY RESEARCH AND DATA VALIDATION

2 INDIA 4WD UTV MARKET BY DISPLACEMENT

- 2.1 OVERVIEW
- 2.2 BELOW 400 CC MARKET
- 2.3 400-800 CC MARKET
- 2.4 ABOVE 800 CC MARKET

3 INDIA 4WD UTV MARKET BY PROPULSION TYPE

- 3.1 OVERVIEW
- 3.2 GASOLINE MARKET
- 3.3 DIESEL MARKET
- 3.4 ELECTRIC MARKET

4 INDIA 4WD UTV MARKET BY APPLICATION

- 4.1 OVERVIEW
- 4.2 UTILITY MARKET
- 4.3 SPORTS MARKET
- 4.4 RECREATION MARKET
- 4.5 MILITARY MARKET
- 4.6 CONSTRUCTION MARKET
- 4.7 OTHER APPLICATION MARKET

5 INDIA 4WD UTV MARKET BY END USER

- 5.1 OVERVIEW

5.2 INDIVIDUAL CONSUMERS MARKET

5.3 COMMERCIAL USERS MARKET

5.4 GOVERNMENT AND DEFENSE AGENCIES MARKET

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