

## **2 Wheeler Fuel Injection System - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)**

Market Report | 2024-02-17 | 100 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 2 Wheeler Fuel Injection System Market size in terms of Equal-6.80 is expected to grow from USD 11.94 billion in 2024 to USD 16.59 billion by 2029, at a CAGR of 6.80% during the forecast period (2024-2029).

Over the medium term, owing to the stringent government rules and regulations regarding two-wheeler emissions, increasing demand for cleaner and more efficient vehicles, and inefficiency of car carburetor stems are likely to drive the market.

The high number of unpaved roads and the relatively low individual buyer affordability that is observed across different households of various countries leads the buyer to opt for a two-wheeler, including a motorcycle, a moped, and a scooter. Combining the above factors creates a significant demand for two-wheeler fuel injection systems across the globe in the coming years.

The rapid adoption of Ride-by-wire (RbW) technology, as it uses actuators, sensors, and the Electronic Control Unit to throttle wire to regulate fuel and air supply in the engine, thus providing high efficiency and performance. Earlier, RbW was factory-installed only in high-end bikes. However, now it is introduced in mid-segment bikes, such as the KTM Duke 390.

Engine downsizing is on the rise as two-wheeler makers are developing smaller engines with better fuel injection systems. Downsizing shifts the engine operation to high loads where high engine efficiency exists. The lightweight engine helps to enhance fuel efficiency. The rising popularity of electric two-wheelers across the globe is likely to hinder the growth of the fuel injection system market.

2 Wheeler Fuel Injection System Market Trends

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Motorcycles Dominating the Market

Motorcycles have grown significantly as a result of factors like rising urbanization, rising disposable incomes, and the need for affordable and effective transportation. Japanese motorcycle manufacturers like Honda, Yamaha, Suzuki, and Kawasaki dominate the market.

On the other hand, rising incomes, government initiatives, and the expansion of infrastructure are some of the primary reasons why people are shifting their focus away from upgrading their older motorcycles and toward purchasing entry-level passenger cars. It demonstrates that the nation is increasing its reliance on the automobile market while gradually shifting to more expensive motorcycle markets featuring larger engines (sports vehicles) and electric vehicles.

The rapid technological advancements in the automobile industry have driven (in a way, forced) the manufacturers to resort to new and upcoming vehicle tech and invest significantly into the research and development of the core design and products. While most of the manufacturers with viable resources for innovation cut, some of the manufacturers tend to stumble at the core design of the vehicles to meet market needs and resort to innovations and strategic partnerships with other players in the market.

This new wave of partnership and collaboration helps the players in the market to execute a controlled sharing of technologies and key information, leading to the overall immense benefit for the market to cater to the demand from the buyers. Consequently, the sub-Saharan region, with its relatively slow technological advancement in the automotive industry, witnessed a surge in the manufacturer partnerships between the automotive manufacturers. For instance,

In July 2022, TVS Motor Company announced a premium model with the launch of the industry's first 'modern-retro' motorcycle - the TVS RONIN. Designed ground up, the TVS RONIN is a lifestyle statement that takes inspiration from the modern, new-age rider.

In May 2022, TVS Motor Company announced the introduction of limited edition TVS HLX 125 Gold and TVS HLX 150 Gold models in Kenya. According to the company, the two celebrity limited edition models were released to commemorate global sales of over two million units of the TVS HLX series.

The development mentioned above across the globe is likely to witness major growth for the market during the forecast period.

## Asia-Pacific is Expected to be the Fastest Growing Region

Asia-Pacific dominates the market, and the region is expected to witness the fastest growth rate during the forecast period.

In Asia-Pacific, the Indian motorcycle market has been the largest in the world since 2016, with the presence of major manufacturers such as Hero, TVs, and Honda. With the social advancement of women and the growing demand for comfort and convenience, the demand for scooters has been continually increasing as they are convenient.

Additionally, the premium price market segment for mid and large-sized motorcycles is also expanding, owing to a growing demand for high-performance and cruiser bikes. The rapid expansion of small and medium-scale industries across the country is likely to create an opportunity for vehicle parts manufacturers.

The Rapid expansion of last-mile delivery through two-wheelers across the region is likely to witness major growth during the forecast period. Two-wheelers are easier to maneuver through traffic and narrow streets and alleys than four-wheeled vehicles, making them a significant advantage in congested urban areas. Additionally, they can be easily customized to meet specific

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

business requirements, such as by adding delivery boxes or racks to transport goods or by modifying the seating to accommodate passengers.

Businesses can save money over time on fuel costs by using two-wheeled vehicles, which typically use less fuel than four-wheeled vehicles. Two-wheeled vehicles can sometimes move faster than four-wheeled vehicles. This is especially important for businesses that need to deliver goods quickly or provide transportation services quickly.

The expansion of two-wheeler rental and sharing services, on the other hand, is likely to witness major growth for the market during the forecast period.

## 2 Wheeler Fuel Injection System Industry Overview

Major players, such as Marelli Holdings Co. Ltd., Mikuni Corporation, Denso Corporation, Robert Bosch GmbH, and others, dominate the 2-wheeler fuel injection system market. Several two-wheeler manufacturers are introducing new models across the globe, which in turn is anticipated to witness major growth for the market during the forecast period. For instance, in June 2023, Adishwar Auto Ride India Pvt. Ltd. announced the localization of the two Neo-Retro rides motorcycles from the Keeway brand, i.e., SR 250 and SR 125, in the coming year. Both models are equipped with an electronic fuel injection system.

In January 2023, Yamaha Motor launched the Yamaha YZ65 in the African region. The YZ65 is powered by a liquid-cooled 65cc two-stroke engine that delivers impressive power and performance.

In March 2022, Aprilla introduced a fuel-injected two-stroke that incorporates a fuel injector above the combustion chamber, as well as a provision for injecting compressed air.

Additional Benefits:

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

### **Table of Contents:**

#### 1 INTRODUCTION

- 1.1 Study Assumptions
- 1.2 Scope of the Study

#### 2 RESEARCH METHODOLOGY

#### 3 EXECUTIVE SUMMARY

#### 4 MARKET DYNAMICS

- 4.1 Market Drivers
  - 4.1.1 Rise in Two-Wheeler Sales Across the Globe
- 4.2 Market Restraints
  - 4.2.1 Rising Popularity of Electric Two-wheelers
- 4.3 Industry Attractiveness - Porter's Five Forces Analysis
  - 4.3.1 Bargaining Power of Suppliers
  - 4.3.2 Bargaining Power of Buyers/Consumers
  - 4.3.3 Threat of New Entrants

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- 4.3.4 Threat of Substitute Products
- 4.3.5 Intensity of Competitive Rivalry

## 5 MARKET SEGMENTATION (Market Size by Value - USD)

### 5.1 By Type

- 5.1.1 Direct Fuel Injection System
- 5.1.2 Port Fuel Injection System

### 5.2 By Vehicle Type

- 5.2.1 Scooters
- 5.2.2 Motorcycles

### 5.3 By Engine Displacement

- 5.3.1 Less than 200 cc
- 5.3.2 200 to 500 cc
- 5.3.3 500 to 1000 cc
- 5.3.4 Greater than 1000 cc

### 5.4 By Sales Channel

- 5.4.1 Original Equipment Manufacturers (OEM)
- 5.4.2 Aftermarket

### 5.5 By Geography

#### 5.5.1 North America

- 5.5.1.1 United States
- 5.5.1.2 Canada
- 5.5.1.3 Rest of North America

#### 5.5.2 Europe

- 5.5.2.1 Germany
- 5.5.2.2 United Kingdom
- 5.5.2.3 France
- 5.5.2.4 Spain
- 5.5.2.5 Rest of Europe

#### 5.5.3 Asia-Pacific

- 5.5.3.1 China
- 5.5.3.2 Japan
- 5.5.3.3 India
- 5.5.3.4 South Korea
- 5.5.3.5 Rest of Asia-Pacific

#### 5.5.4 South America

- 5.5.4.1 Brazil
- 5.5.4.2 Argentina
- 5.5.4.3 Rest of South America

#### 5.5.5 Middle-East and Africa

- 5.5.5.1 United Arab Emirates
- 5.5.5.2 Saudi Arabia
- 5.5.5.3 South Africa
- 5.5.5.4 Egypt
- 5.5.5.5 Rest of Middle-East and Africa

## 6 COMPETITIVE LANDSCAPE

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- 6.1 Vendor Market Share
- 6.2 Company Profiles\*
  - 6.2.1 Robert Bosch GmbH
  - 6.2.2 Marelli Holdings Co., Ltd.
  - 6.2.3 Denso Corporation
  - 6.2.4 Mikuni Corporation
  - 6.2.5 Hitachi Astemo, Ltd.
  - 6.2.6 DUCATI Energia Spa
  - 6.2.7 Walbro LLC
  - 6.2.8 EDELBROCK, LLC.
  - 6.2.9 SEDEMAC Mechatronics Pvt Ltd.
  - 6.2.10 UCAL Systems Inc.

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**2 Wheeler Fuel Injection System - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)**

Market Report | 2024-02-17 | 100 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="2026-02-27"/> |
|               |                      | Signature                     |   |

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

