

India Two-Wheeler Anti-Lock Braking System (ABS) Market By Vehicle (Motorcycles, Scooter/Moped), By Propulsion (IC Engine, Electric Engine), By Channel (Single Channel, Dual Channel), By Demand Category (OEM, Aftermarket), By Region & Competition, Opportunities and Forecast, 2021-2031F

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Abstracts

Market Overview

India Two-Wheeler Anti-Lock Braking System (ABS) Market was valued at USD 533.24 million in 2025 and is expected to reach USD 872.85 million by 2031 with a CAGR of 8.56% during the forecast period. The two-wheeler ABS market in India is expanding as manufacturers adapt to government mandates and evolving consumer expectations. Increasing demand for mid- to high-capacity motorcycles and scooters, where safety becomes more critical, is pushing OEMs to adopt ABS across all models. According to the Society of Indian Automobile Manufacturers (SIAM), India sold over 19.3 million two-wheelers in FY 2024, with nearly 42% of them falling in the 125cc+ category, highlighting the growing market potential. Urban customers are actively seeking safer bikes, which directly fuels demand for ABS.

Consumer preference for safer mobility is supported by an evolving ecosystem of localized component production. According to the Automotive Component Manufacturers Association (ACMA), India's auto component exports reached USD 20.1 billion in FY 2024, up 9.7% YoY, indicating a growing capacity for domestic innovation in ABS. Trends show rising interest in affordable, single-channel ABS for commuter motorcycles and scooters. Manufacturers are responding with compact systems targeting 100-125cc segments. Moreover, ABS is being integrated with connected

mobility features for data-driven performance optimization.

Despite growth, price sensitivity among entry-level buyers remains a concern. According to the Ministry of Heavy Industries, average two-wheeler prices increased by 5-8% in the last two years due to mandatory ABS inclusion. Another issue is inadequate consumer education regarding the benefits of ABS, particularly in rural areas. Challenges also stem from counterfeit ABS parts entering unregulated aftermarket channels. However, with increasing digitalization of dealerships and rising awareness through rider training programs, the market is poised to overcome these barriers.

Market Drivers

Government Safety Regulations

The implementation of mandatory ABS for all two-wheelers above 125cc by the Ministry of Road Transport and Highways has been the strongest catalyst for ABS adoption across the country. This regulation, introduced in April 2019, compels manufacturers to integrate ABS into their product lines, regardless of price segment or customer demographics. The regulation aligns Indian automotive safety standards closer to global norms and has had a widespread impact on both urban and semi-urban markets. Regulatory certainty has encouraged OEMs to invest in ABS R&D and supplier partnerships, thereby increasing availability and standardization across motorcycle and scooter segments.

Key Market Challenges

High Price Sensitivity Among Entry-Level Consumers

The Indian two-wheeler market is dominated by cost-conscious consumers, particularly in rural and semi-urban areas. The addition of ABS increases vehicle prices by ₹4,000–₹8,000 depending on the configuration, which can be a significant hurdle for buyers in the 100cc–125cc segment. According to the Ministry of Heavy Industries, safety mandates contributed to a 5–8% increase in the average retail price of commuter bikes in FY 2024. This creates a dilemma for both OEMs and customers—while safety is essential, affordability often drives final purchase decisions. OEMs face the challenge of balancing regulatory compliance and mass-market accessibility.

Key Market Trends

ABS Integration in Sub-125cc Commuter Bikes

Previously limited to premium bikes, ABS is now finding its way into 100cc–125cc commuter motorcycles. Manufacturers have started launching entry-level models with optional or standard single-channel ABS to differentiate from competitors and boost value perception. In 2025, the launch of Platina 110 ABS marked a shift in industry strategy, proving that even budget motorcycles can include ABS without drastically increasing cost. This trend reflects changing customer expectations, where safety features are no longer restricted to high-end models. As pricing becomes more competitive, the market will see further penetration of ABS in everyday commuter bikes.

Key Market Players

ASK Automotive Ltd

Bharat Electronics Limited (BEL)

Bosch Limited (India)

Continental Automotive Components India Pvt Ltd

Endurance Technologies Ltd

Haldex India Pvt Ltd

Minda Corporation Ltd (Spark Minda)

Syndicate Wiper Systems India Pvt Ltd

WABCO India Ltd

ZF Hero Chassis Systems Pvt Ltd

Report Scope:

In this report, the India Two-Wheeler Anti-Lock Braking System (ABS) Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Two-Wheeler Anti-Lock Braking System (ABS) Market, By Vehicle:

Motorcycles

Scooter/Moped

India Two-Wheeler Anti-Lock Braking System (ABS) Market, By Propulsion:

IC Engine

Electric Engine

India Two-Wheeler Anti-Lock Braking System (ABS) Market, By Channel:

Single Channel

Dual Channel

India Two-Wheeler Anti-Lock Braking System (ABS) Market, By Demand Category:

OEM

Aftermarket

India Two-Wheeler Anti-Lock Braking System (ABS) Market, By Region:

North

South

West

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the India Two-

India Two-Wheeler Anti-Lock Braking System (ABS) Market By Vehicle (Motorcycles, Scooter/Moped), By Propulsion...

Wheeler Anti-Lock Braking System (ABS) Market.

Available Customizations:

India Two-Wheeler Anti-Lock Braking System (ABS) Market report with the given market data, TechSci Research, offers customizations according to the company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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