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Global Rear Sprocket Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Rear Sprocket market size was valued at US$ 920 million in 2025 and is forecast to a readjusted size of US$ 1264 million by 2032 with a CAGR of 4.6% during review period.

In 2025, global Rear Sprocket production reached approximately 48,346 K units, with an average global market price of around 18.5 USD/unit.

A rear sprocket is the toothed wheel mounted to the rear wheel hub or carrier in a chain-driven drivetrain (commonly motorcycles, ATVs, and some UTVs). It engages the drive chain and works with the front (countershaft) sprocket to transmit engine torque to the rear wheel and determine the final drive ratio; changing rear sprocket tooth count alters acceleration, cruising RPM, and top speed. Rear sprockets are wear components made most often from hardened steel or lightweight anodized aluminum (and sometimes hybrid “steel ring + alloy center” designs), and they’re typically replaced together with the chain and front sprocket to maintain proper chain engagement and drivetrain life.

The average single-line production capacity of Rear Sprocket is 3,400 K units, the average gross profit margin was 33.2%.

Upstream inputs include steel or aluminum alloy stock (plate/forging), heat-treatment and surface-finish consumables (quench media, anodizing chemicals, coatings), cutting tools (hobs, broaches, CNC tools), fixtures, and quality metrology. Midstream manufacturers form blanks (stamping/laser-cut/forging), perform CNC machining (bolt circle, carrier interface), cut tooth profiles, then apply heat treatment (for steel) or anodizing (for aluminum), followed by deburring, coating, inspection, and packaging—often as part of chain kits bundled with a front sprocket. Downstream

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channels are OEM fitment for new vehicles and the much larger aftermarket (distributors, dealers, e-commerce, and repair shops), ending with end users who replace sprockets during periodic chain-drive maintenance.

A typical ex-factory cost structure for a mass-produced steel rear sprocket is: raw materials 32%, machining/tooth cutting 26%, heat treatment 12%, direct labor 9%, manufacturing overhead (energy, depreciation, maintenance) 9%, surface finishing/coating 5%, packaging & outbound logistics 5%, and quality/testing/scrap 2% (total 100%). The main cost swing factors are material grade/thickness, machining cycle time and tool wear, yield/scrap through heat treatment, and whether tighter flatness/concentricity specs or special coatings are required; aluminum or hybrid sprockets typically shift more weight into material + anodizing while reducing heat-treat cost.

Rear sprocket demand is driven by the large installed base of chain-driven powersports vehicles and predictable wear replacement, with the aftermarket supported by common practice of replacing chain + both sprockets as a set. The best opportunities are in premium durability (better steel, optimized heat treatment, anti-corrosion coatings), lightweight performance (7075-T6 anodized aluminum, hybrid designs), and fitment breadth + fast delivery (SKU depth, regional inventory, strong e-commerce presence), plus kit bundling that increases order value. Key headwinds are commoditization in standard steel SKUs and gradual drivetrain shifts in parts of the market, so defensible growth typically comes from brand trust, documented wear-life gains, and supply-chain responsiveness.

This report is a detailed and comprehensive analysis for global Rear Sprocket market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Material Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Rear Sprocket market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Rear Sprocket market size and forecasts by region and country, in consumption

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value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Rear Sprocket market size and forecasts, by Material Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Rear Sprocket market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Rear Sprocket
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Rear Sprocket market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Renthal, Talon, JT Sprockets, AFAM Group, Apico, Supersprox, Jitsie, TM Moto, Moto Master, WenZhou GeXin Sprocket Manufacturing, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Rear Sprocket market is split by Material Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Material Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Material Type

Carbon Steel Rear Sprockets

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Alloy Steel Rear Sprockets

Aluminum Alloy Rear Sprockets

Stainless Steel Rear Sprockets

Market segment by Manufacturing Process

Stamped + Machined

CNC Machined

Forged + Machined

Market segment by Performance Grade

Standard Duty

Heavy Duty

Lightweight Racing

Market segment by Application

OEM Factory Fitment

Aftermarket Replacement

Major players covered

Renthal

Talon

JT Sprockets

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AFAM Group

Apico

Supersprox

Jitsie

TM Moto

Moto Master

WenZhou GeXin Sprocket Manufacturing

S3 Engine Parts

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Rear Sprocket product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rear Sprocket, with price, sales quantity, revenue, and global market share of Rear Sprocket from 2021 to 2026.

Chapter 3, the Rear Sprocket competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rear Sprocket breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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Chapter 5 and 6, to segment the sales by Material Type and by Application, with sales market share and growth rate by Material Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Rear Sprocket market forecast, by regions, by Material Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Rear Sprocket.

Chapter 14 and 15, to describe Rear Sprocket sales channel, distributors, customers, research findings and conclusion.

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