

Industrial Roller Chain Drives Market is growing at a CAGR of 3.6% and is projected to reach \$4.08 billion by 2031

market is poised for substantial growth, driven by advancements in chain technology, increased demand in the manufacturing

WILMINGTON, DE, UNITED STATES, February 25, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled "Industrial Roller Chain Drives Market," the industrial roller chain drives market was valued at \$2.81 billion in 2021. It is projected to reach \$4.08 billion by 2031, growing at a compound annual growth rate (CAGR) of 3.6% from 2022 to 2031.

Market Overview

Industrial roller chain drives are essential components used in mechanical systems for power transmission and material handling applications. The commonly observed types of roller chain drives include single-strand chains, double-pitch chains, and multi-strand chains. Among these, the single-strand chain segment held the largest market share in 2021 due to its affordability, low maintenance, and easy repairability.

The market is analyzed based on different applications in industrial verticals, such as power transmission and conveyors. By end-user, the market is categorized into manufacturing, mining, and others. The rise in the manufacturing, mining, and material handling sectors is a key driver for market growth. However, challenges such as vibrations in roller chains at high speeds pose a constraint on market expansion. Despite this, the mining sector is expected to witness significant growth due to increasing disposable incomes, which, in turn, drive demand for manufactured goods.

Regional Insights

Asia-Pacific dominated the global industrial roller chain drives market in 2021 in terms of revenue, followed by North America and LAMEA (Latin America, Middle East, and Africa). Additionally, the LAMEA region is expected to experience the highest CAGR over the forecast period, fueled by expanding manufacturing and mining industries.

Technological Advancements and Market Opportunities

The availability of advanced roller chains, including wear-resistant, lube-free, and high-strength chains, enhances their applicability in diverse industrial operations. Furthermore, governments in emerging economies have introduced policies to support the development of small-scale industries, further propelling market growth.

For instance, USA Roller Chains offers a broad range of lube-free roller chains, corrosionresistant roller chains, and custom roller chains tailored for applications in manufacturing, mining, and other industrial sectors. In addition, India has launched various initiatives, such as the 'Lean Manufacturing Competitiveness for MSMEs' and 'Design Clinic for Design Expertise to MSMEs,' aimed at strengthening small and medium enterprises (SMEs), thereby contributing to market growth.

Impact of COVID-19

The COVID-19 pandemic significantly affected the industrial roller chain drives market, as manufacturing operations were temporarily halted in major countries, including China, the U.S., and India. These shutdowns directly impacted sales, while labor shortages and raw material constraints disrupted supply chains, negatively influencing market growth. However, with the introduction of vaccines and the gradual reopening of businesses, the market has shown strong signs of recovery, allowing key players to resume operations and meet growing demand.

Competitive Landscape

Key market players profiled in the industrial roller chain drives market report include:

AB SKF

Allied-Locke Industries

Diamond Chain Company Inc.

Ewart Agri Services Ltd.

HKK Corporation

John King Chains Ltd.

KettenWulf Betriebs GmbH

Martin Sprocket & Gear Inc.

Peer Chain

Ramsey Products Corporation

Regal Rexnord Corporation

Renold plc

Rubix

Tripcon Engineering Pvt. Ltd.

Tsubakimoto Chain Co.

Wippermann Jr. GmbH

Key Findings of the Study

The report provides an in-depth analysis of current and emerging industrial roller chain drives market trends and dynamics.

Based on type, the single-strand chain segment led the market in revenue in 2021, while the double-pitch chain segment is projected to grow at a significant CAGR during the forecast period.

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By application, the power transmission segment held the <u>highest revenue</u> share in 2021.

By end-user, the manufacturing segment recorded the highest revenue in 2021.

LAMEA is projected to register the highest growth rate in the coming years.

Key players in the industrial roller chain drives market are profiled in detail, with strategic analysis highlighting competitive dynamics.

The report offers comprehensive insights into the industrial roller chain drives market outlook, along with emerging growth opportunities.

A detailed industrial roller chain drives market analysis has been conducted, with estimations for key market segments from 2022 to 2031.

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