

Global Robots Harmonic Drive Market Growth 2023-2029

<https://marketpublishers.com/r/GD0F68155F4EN.html>

Date: March 2023

Pages: 90

Price: US\$ 3,660.00 (Single User License)

ID: GD0F68155F4EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Harmonic Drive is a compact, high performance, precision reduction gear. It is one of the key components used in robotic products such as collaborative work robots. The gear consists of only 3 basic parts (Wave Generator, Flex spline, and Circular Spline). It provides excellent features not found in other speed reducers.

LPI (LP Information)' newest research report, the “Robots Harmonic Drive Industry Forecast” looks at past sales and reviews total world Robots Harmonic Drive sales in 2022, providing a comprehensive analysis by region and market sector of projected Robots Harmonic Drive sales for 2023 through 2029. With Robots Harmonic Drive sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Robots Harmonic Drive industry.

This Insight Report provides a comprehensive analysis of the global Robots Harmonic Drive landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Robots Harmonic Drive portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Robots Harmonic Drive market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Robots Harmonic Drive and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up

qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Robots Harmonic Drive.

The global Robots Harmonic Drive market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

From a global perspective, Japan currently holds the core technology of harmonic drive reducers and forms a technical barrier to high-performance reducers. It is difficult for companies in other regions to reach their technical level. In China, the number of companies producing harmonic drive is about ten or so, and most of them are not scaled up. They are only satisfied with the needs of the low-end market and have a small scale, and they are positioned as low-end product markets. In the United States, Canada, and South Korea also have R&D and production companies.

This report presents a comprehensive overview, market shares, and growth opportunities of Robots Harmonic Drive market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Cup Style

Hat Style

Pancake Style

Segmentation by application

4-Axis or Less

5-Axis

6-Axis or More

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

HDSI

Leaderdrive

Beijing CTKM Harmonic Drive

BHDI

Zhejiang Laifual

Nidec-Shimpo

BENRUN Robot

Cone Drive

Key Questions Addressed in this Report

What is the 10-year outlook for the global Robots Harmonic Drive market?

What factors are driving Robots Harmonic Drive market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Robots Harmonic Drive market opportunities vary by end market size?

How does Robots Harmonic Drive break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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