

Global Small Harmonic Reducer Market Growth 2022-2028

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Abstracts

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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.

The global market for Small Harmonic Reducer is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Small Harmonic Reducer market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Small Harmonic Reducer market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Small Harmonic Reducer market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Small Harmonic Reducer market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Small Harmonic Reducer players cover Harmonic Drive Systems, Leaderdrive, Shenzhen Han's Motion Technology, Zhejiang Laifual Drive and Nidec-Shimpo, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Small Harmonic Reducer market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Small Harmonic Reducer market, with both quantitative and qualitative data, to help readers understand how the Small Harmonic Reducer market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Small Harmonic Reducer market and forecasts the market size by Type (Cup Style, Hat Style and Pancake Style), by Application (Robot Neck, Robot Shoulder, Robot Wrist and Robot Crotch), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Cup Style

Hat Style

Pancake Style

Segmentation by application

Robot Neck

Robot Shoulder

Robot Wrist

Robot Crotch

Robot Inner Thigh

Segmentation 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

Major companies covered

Harmonic Drive Systems

Leaderdrive

Shenzhen Han's Motion Technology

Zhejiang Laifual Drive

Nidec-Shimpo

KOFON

Zhengzhou Defy Mechanical&Electrical Equipment

Beijing CTKM Harmonic Drive

BENRUN Robot

Beijing Harmonic Drive Technology

Too Eph Transmission Technology

Cone Drive

Guohua Hengyuan Tech Dev Co., Ltd.

LI-MING Machinery Co., Ltd.

ATB Automation

Guangdong Saini Intelligent Equipment Technology

Chapter Introduction

Chapter 1: Scope of Small Harmonic Reducer, Research Methodology, etc.

Chapter 2: Executive Summary, global Small Harmonic Reducer market size (sales and revenue) and CAGR, Small Harmonic Reducer market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Small Harmonic Reducer sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Small Harmonic Reducer sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and

economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Small Harmonic Reducer market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Harmonic Drive Systems, Leaderdrive, Shenzhen Han's Motion Technology, Zhejiang Laifual Drive, Nidec-Shimpo, KOFON, Zhengzhou Defy Mechanical&Electrical Equipment, Beijing CTKM Harmonic Drive and BENRUN Robot, etc.

Chapter 14: Research Findings and Conclusion

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