

# 2018-2023 Global Harmonic Drive Consumption Market Report

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## Abstracts

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

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Harmonic Drive market for 2018-2023.

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.

HDSI is the dominant worldwide supplier of harmonic drive gear, there are other small manufacturers in China and North America. Therefore, market share concentration is highly concentrated. The largest operators HDSI account for about 83.75 % of total industry revenue in 2017. Other Key market players include Leaderdrive and Beijing CTKM Harmonic Drive among others.

Worldwide, Industry Robot Industry was the largest consumer of Harmonic Drive, which is responsible for about 56.82 percent of Harmonic Drive consumption in 2017. The remaining 43.18 percent was consumed for Semiconductor Production Equipment Industry. Flat Panel Equipment and Machine Tools Industry among others.

Over the next five years, LPI(LP Information) projects that Harmonic Drive will register a 14.8% CAGR in terms of revenue, reach US\$ 720 million by 2023, from US\$ 320 million in 2017.

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

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Cup Style

Hat Style

Pancake Style

Segmentation by application:

Industry Robot

Semiconductor Equipment

Flat Panel Equipment

Machine Tools

Optical Machine

Printing, Bookbinding and Paper Machine

Metal Working Machine

Medical Equipment

Space Equipment

Others

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

Spain

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

HDSI

Leaderdrive

Beijing CTKM Harmonic Drive

BHDI

Zhejiang Laifual

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## **RESEARCH OBJECTIVES**

To study and analyze the global Harmonic Drive consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Harmonic Drive market by identifying its various subsegments.

Focuses on the key global Harmonic Drive manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Harmonic Drive with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Harmonic Drive submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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