Global and China Industrial Robot Speed Reducer Industry Report, 2018-2022

June 2018
METHODOLOGY
Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

STUDY GOAL AND OBJECTIVES
This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES
◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
◆ To help company to succeed in a competitive market, and

INFORMATION SOURCES
The primary information sources include Company Reports, and National Bureau of Statistics of China etc.
Abstract

Global and Chinese market of precision speed reducer, a core component of industrial robot, has always been monopolized by Nabtesco, HarmonicDrive, Sumitomo, Spinea and SEJINIGB because of higher technology barriers.

China has been the world’s largest consumer market for industrial robots since 2013. Global industrial robot sales exceeded 300,000 units in 2017, including more than 130,000 units in China, representing a year-on-year increase of 18.0% and over 50%, respectively, primarily thanks to the country’s industrial transformation and upgrading, rising labor costs and decline in production costs of robots. The Chinese industrial robot market is estimated to keep an AAGR of above 20% during 2018-2022.

With the development of the industrial robot industry in China, especially the rise of homegrown robot, the domestic demand for industrial robot speed reducers soared in 2017. The market briefly experienced a shortage of foreign supply. Chinese enterprises took advantage to strengthen R&D and increase investment, and many companies marched into the speed reducer field, including some robot body manufacturers. At the same time, industry leaders such as Leader Harmonious Drive Systems, Zhejiang Laifu Harmonic Drive, Nantong Zhenkang and Shaanxi Qinchuan Machinery Development achieved volume sales in 2017 and plan to further expand production capacity so as to meet the growing market demand.

The Chinese industrial robot speed reducer market remained hot in the first half of 2018, as a number of domestic robot manufacturers placed large purchase orders. For example, Efort will buy at least 3,000 Zhenkang RV speed reducers in 2018; Peitian Robot will purchase nearly 10,000 harmonic reducers from Leader Harmonious Drive Systems. Spurred by high market demand, China’s consumption of industrial robot speed reducer is predicted to rise by at least 40% year-on-year in 2018.

In addition, international leaders like Nabtesco and HarmonicDrive have also scaled up input into speed reducer. According to Nabtesco’s plan, the precision speed reducer capacity will reach 1.2 million units by 2020, including 200,000 units/a at the Changzhou plant. Harmonic Drive Systems plans to lift investments in Hotaka and Ariake plants in Japan, boosting its production capacity in Japan to 200,000 units per month by 2021.
Global and China Industrial Robot Speed Reducer Industry Report, 2018-2022 underlines the followings:

◆ Global and Chinese industrial robot market (size, structure, competitive landscape, etc.);

◆ Global industrial robot speed reducer market (size, demand, status quo of companies, etc.);

◆ Chinese industrial robot speed reducer market (supply & demand, market segments, price trend, major competitors, influencing factors, etc.);

◆ Five global and 28 Chinese major enterprises (operation, industrial-robot speed reducer business, etc.).
## Table of contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 SEJINIGB</td>
<td>5</td>
</tr>
<tr>
<td>5.5.1 Profile</td>
<td>5</td>
</tr>
<tr>
<td>5.5.2 Industrial Robot Speed Reducer Business</td>
<td>5</td>
</tr>
<tr>
<td>6. Major Chinese Industrial Robot Speed Reducer Companies</td>
<td></td>
</tr>
<tr>
<td>6.1 Shaanxi Qinhuang Machinery Development Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.1.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.1.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.1.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.2 Shanghai Mechanical &amp; Electrical Industry Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.2.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.2.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.2.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.3 Zhejiang Shuanghuan Driveline Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.3.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.3.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.3.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.4 Hengfengtai Precision Machinery Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.4.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.4.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.4.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.5 Ningbo Zhongda Leader Intelligent Transmission Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.5.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.5.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.5.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.6 Nantong Zhenkang Welding Electromachinery Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.6.1 Profile</td>
<td></td>
</tr>
<tr>
<td>6.6.2 Operation</td>
<td></td>
</tr>
<tr>
<td>6.6.3 Industrial Robot Speed Reducer Business</td>
<td></td>
</tr>
<tr>
<td>6.7 Shuaikai Machinery Manufacturing Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.8 Leader Harmonious Drive Systems Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.9 Beijing CTKM Harmonic Drive Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.10 Dongguan Banrin Robot Technology Company Limited</td>
<td></td>
</tr>
<tr>
<td>6.11 Han’s Laser Technology Industry Group Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.12 Others</td>
<td></td>
</tr>
<tr>
<td>6.13 Beijing Harmonic Drive Technology Institute</td>
<td></td>
</tr>
<tr>
<td>6.13.1 Tianjin Burley Transmission Equipment Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.2 Jiangsu Tailong Decelerator Machinery Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.3 Greatoo Intelligent Equipment Inc.</td>
<td></td>
</tr>
<tr>
<td>6.13.4 Wuhan Jinhua Speed Reducer Manufacturing Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.5 Guangdong Shunde Zhengshang Technologies Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.6 Zhejiang Laifual Harmonic Drive Corporation Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.7 Guangdong Shaoneng Group Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.8 Raygiant</td>
<td></td>
</tr>
<tr>
<td>6.13.9 Julong Robot</td>
<td></td>
</tr>
<tr>
<td>6.13.10 NIDEC-SHIMPO (Zhejiang) Corporation</td>
<td></td>
</tr>
<tr>
<td>6.13.11 Shanghai Like Precision Machinery Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.12 Beijing Hongyuan Hao Xuan Harmonic Drive Technology Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>6.13.13 KHGears Corporation</td>
<td></td>
</tr>
<tr>
<td>6.13.14 NIDEC-SHIMPO (Zhejiang) Corporation</td>
<td></td>
</tr>
<tr>
<td>6.13.15 Beijing Yuzhi Precision Machinery Manufacturing Co., Ltd.</td>
<td></td>
</tr>
<tr>
<td>7. Summary and Forecast</td>
<td></td>
</tr>
<tr>
<td>7.1 Market</td>
<td></td>
</tr>
<tr>
<td>7.2 Companies</td>
<td></td>
</tr>
</tbody>
</table>

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Selected Charts

- Industrial Robot RV Reducers
- Industrial Robot Harmonic Reducers
- Application of Speed Reducers in Industrial Robots
- Components of Industrial Robots
- Cost Structure of Industrial Robots
- Development Course of Industrial Robots in Developed Countries
- Global Industrial Robot Sales, 2012-2022E
- Global Industrial Robot Sales Volume, 2010-2022E
- Global Industrial Robot Ownership 2008-2020E
- Industrial Robot Density in Major Countries, 2016
- Density of Industrial Robots for Automobiles in Major Countries, 2016
- Global Industrial Robot Sales Volume by Region/Country, 2015-2020E
- Global Industrial Robot Sales Volume by Application, 2014-2016
- Distribution of Global Industrial Robot Manufacturers by Industry Chain
- Comparison between Global Four Major Industrial Robot Manufacturers
- Competitive Advantages of Global Four Major Industrial Robot Manufacturers
- Revenue and Market Share of Global Four Major Industrial Robot Manufacturers, 2012-2016
- Operating Data of Major Foreign Robot Manufacturers, 2013-2016
- Policies on Industrial Robots and Related Parts in China, 2010-2018
- Industrial Robot Sales in China, 2012-2022E
- Industrial Robot Sales Volume and YoY Growth in China, 2010-2022E
- Industrial Robot Ownership in China, 2010-2022E
- Sales Volume of China-made Industrial Robots and Percentage, 2011-2022E
- Sales Volume of China-made Industrial Robots by Model, 2015-2017
- Sales Volume Structure of China-made Industrial Robots by Application, 2016-2017
• Sales Volume of China-made Industrial Robots by Application, 2014-2016
• Sales Volume Structure of China-made Industrial Robots by Application, 2016&2022E
• Sales Volume Structure of China-made Industrial Robots by Region, H1 2017
• Industrial Robot Output and Forecast in China, 2015-2022E
• China’s Planning on Industrial Robots, 2020E-2030E
• Competitive Landscape of Chinese Industrial Robot Market by Sales, 2016
• Investment Plans of Global Major Industrial Robot Manufacturers, 2017-2018
• Layout of Major International Industrial Robot Manufacturers in China
• Industrial Robot Market Pattern in China by Sales Volume, 2014-2017
• Supply Relationship between Major Global Industrial Robot Speed Reducer Manufacturers and Robot Companies
• Global Shipments of Industrial Robot Speed Reducer, 2012-2022E
• New Demand for Industrial Robot Speed Reducer Worldwide, 2015-2022E
• Global Industrial Robot RV Reducer Companies and Market Share, 2017
• Major Local Industrial Robot Speed Reducer Manufacturers in China, 2017
• Expansion Plans of Major Industrial Robot Speed Reducer Manufacturers in China, 2018
• Consumption and Output Value of Industrial Robot Speed Reducers in China, 2014-2022E
• Structure of Demand for Industrial Robot Speed Reducers in China, 2016-2022E
• Consumption of China-made Industrial Robot Speed Reducers by Type of Enterprises, 2017-2022E
• Price Trend of Industrial Robot Speed Reducers in China, 2014-2022E
• Price Trend of Industrial Robot Speed Reducers in China by Product, 2013-2022E
• Progress in R&D of Industrial Robot RV Speed Reducers in China, 2018
• Consumption and Output Value of Industrial Robot RV Reducers in China, 2015-2022E
• Consumption and Output Value of Industrial Robot Harmonic Speed Reducers in China, 2015-2022E
• Top 10 Industrial Robot Speed Reducers in China by Type, 2017
• Layout of International Industrial Robot Speed Reducer Enterprises in China, 2018
Major Suppliers of Core Parts for Industrial Robot in China
New Demand for Industrial Robot Speed Reducers in China, 2017-2022E
Stock Demand for Industrial Robots in China, 2017-2022E
Net Sales and Net Income of Nabsuco, FY2011-FY2018
Net Sales of Nabsuco by Business, FY2012-FY2016
Net Sales of Nabsuco by Business, FY2017-FY2018
Production Bases of Nabsuco, 2017
Net Sales of Nabsuco by Region, FY2012-FY2018
Major Precision Speed Reducer Customers and Market Share of Nabsuco, 2017
Robot Speed Reducers of Nabsuco
Technical Parameters of Nabsuco’s RV Reducer
Net Sales and Net Income of Harmonic Drive, FY2011-FY2017
Net Sales of Harmonic Drive by Business, FY2013-FY2017
Net Sales of Harmonic Drive by Application, FY2015-FY2017
Global Operations of Harmonic Drive, 2017
Net Sales of Harmonic Drive by Region, FY2013-FY2016
Sales of Harmonic Drive in Main Regions, FY2017
Sales of Harmonic Drive’s Main Subsidiaries, FY2017
Harmonic Drive’s Speed Reducers and Their Applications
Net Sales of Harmonic Drive by Product, FY2017-FY2020E
Expansion Plan of Harmonic Drive, 2017-2020E
Orders, Sales and Net Income of Sumitomo Heavy Industries, FY2012-FY2017
Sales of Sumitomo Heavy Industries by Business, FY2012-FY2017
Sales of Sumitomo Heavy Industries by Region, FY2014-FY2017
Speed Reducers of Sumitomo Heavy Industries
• Sumitomo Heavy Industries' Speed Reducer Plants and Their Business in China
• Development Course of Spinea
• Speed Reducers of Spinea
• Major Speed Reducer Distributors and Agents of Spinea by Region
• Main Operations of SEJINIGB
• Speed Reducers of SEJIN
• Revenue and Net Income of Shaanxi Qinchuan Machinery Development, 2010-2018
• Operating Revenue of Shaanxi Qinchuan Machinery Development by Business, 2013-2017
• Components of BX Speed Reducers of Shaanxi Qinchuan Machinery Development
• Progress in Industrial Robot Joint Reducer Projects of Shaanxi Qinchuan Machinery Development, 2018
• Revenue and Net Income of Shanghai Mechanical & Electrical Industry, 2010-2018
• Operating Revenue of Shanghai Mechanical & Electrical Industry by Business, 2012-2017
• Operating Indicators of Shanghai Mechanical & Electrical Industry’s Main Speed Reducer Subsidiaries, 2017
• Revenue and Net Income of Zhejiang Shuanghuan Driveline, 2010-2018
• Operating Revenue of Zhejiang Shuanghuan Driveline by Business, 2013-2017
• Operating Revenue of Zhejiang Shuanghuan Driveline by Region, 2013-2017
• Milestones of Hengfengtai Precision Machinery, 2005-2017
• Main Operating Indicators of Hengfengtai Precision Machinery, 2014-2017
• Revenue Structure of Hengfengtai Precision Machinery by Product, 2017
• Industrial Robot Reducers of Hengfengtai Precision Machinery
• 165kg Robot Speed Reducer of Hengfengtai Precision Machinery
• Development Course of Ningbo Zhongda Leader Intelligent Transmission
• Revenue and Net Income of Ningbo Zhongda Leader Intelligent Transmission, 2014-2018
• Operating Revenue of Ningbo Zhongda Leader Intelligent Transmission by Business, 2014-2017
• Precision Speed Reducer Series of Ningbo Zhongda Leader Intelligent Transmission
Selected Charts

- Precision Speed Reducer Capacity and Output of Ningbo Zhongda Leader Intelligent Transmission, 2014-2017
- Fund-raising Investment Projects of Ningbo Zhongda Leader Intelligent Transmission, 2018
- ZKRV Speed Reducers of Nantong Zhenkang Welding Electromachinery Co., Ltd.
- Industrial Robot Speed Reducers of Shandong Shuaike Machinery Manufacturing
- Harmonic Speed Reducer Series of Leader Harmonious Drive Systems
- Comparison between Robot Speed Reducers of Leader Harmonious Drive Systems and Japan's Counterparts
- Harmonic Speed Reducer Sales Volume of Leader Harmonious Drive Systems, 2013-2018
- Third-generation Robot Speed Reducers of AceStep
- Reducers of Beijing CTKM Harmonic Drive
- Revenue and Net Income of Beijing CTKM Harmonic Drive, 2014-2017
- Operating Revenue of Beijing CTKM Harmonic Drive by Product, 2014-2017
- Operating Revenue of Beijing CTKM Harmonic Drive by Region, 2014-2017
- Performance Comparison between Robot Harmonic Speed Reducers of Beijing CTKM Harmonic Drive and Harmonic Drive
- Operating Revenue of Dongguan Banrin Robot Technology by Product, 2014-2017
- Harmonic Speed Reducer Series of Dongguan Banrin Robot Technology
- Revenue and Net Income of Han's Laser Technology Industry Group, 2010-2018
- Layout of Han's Laser Technology Industry Group in Robot and Core Parts, 2014-2018
- Speed Reducers of Beijing Harmonic Drive Technology Institute
- Operating Revenue of Greatoo Intelligent Equipment by Business, 2013-2017
- JHRV Series Robot Speed Reducers of Wuhan Jinghua Speed Reducer Manufacturing
- Main Robot Speed Reducers of Guangdong Shunde Zhengshang Technologies
- Main Operating Indicators of Julong Robot, 2017
- Main Harmonic Speed Reducers of Beijing Hongyuan Hao Xuan Harmonic Drive Technology
- Shipments and Major Customers of Major Robot Speed Reducers Companies in China, 2017-2018
• Global Network Distribution of TRI
• Utechzone’s Revenue and Net Income, 2010-2017
• Utechzone’s Revenue Breakdown (by Product), 2010-2017
• Utechzone’s Revenue Breakdown (by Region), 2010-2017
• Utechzone’s Gross Profit, YoY, and Gross Margin, 2010-2017
• Utechzone’s R&D Expenses, YoY, and % of Total Revenue, 2010-2017
• R&D Results of Utechzone, 2016
• Output and Output Value of Utechzone’s Main Products, 2015-2016
• Sales Volume of Utechzone’s Main Products, 2015-2016
• Sales of Utechzone’s Main Products, 2012-2015
• Main Products and Functions of Utechzone’s Optical Inspection Equipment
• Main Performance Index of PCB AVI
• Main Products of FPD AOI
• Main Products of Touch Panel AOI
• Other AOI Products
• Short-term Development Plan of Utechzone
• Long-term Development Plan of Utechzone
• Mirtec’s AOIs Applied in SMT
• Mirtec’s AOIs Applied in LED
• SAKI’s Newly Launched Products, 2012-2017
• SAKI’s Main 2D AOI Equipment
• SAKI’s Main 3D AOI/SPI Equipment
• SAKI’s Main AXI Products
• Distribution of SAKI’s Companies and Distributors Worldwide
• SAKI’s Distributors in China
Selected Charts

- JT Automation Equipment’s Revenue and YoY, 2010-2018
- JT Automation Equipment’s Revenue Breakdown (by Product), 2016-2017
- JT Automation Equipment’s Revenue Breakdown (by Region), 2011-2017
- JT Automation Equipment’s R&D Expenses, YoY, and % of Total Revenue, 2011-2017
- Development History of JT Automation Equipment’s AOI Equipment, 2009-2015
- Revenue and YoY of JT Automation Equipment’s AOI Equipment, 2010-2017
- Automation Equipment’s Revenue and Net Income, 2015-2022E
- Star River Comtes’ Revenue and Net Income, 2010-2017
- Star River Comtes’ Revenue Breakdown by Product, 2014-2016
- Star River Comtes’ Gross Margin, 2010-2017 (%)
- Star River Comtes’ R&D Expenses and % of Total Revenue, 2010-2017
- Main AOI Products of ALeader
- Main Customers of ALeader
- Main AOI Products of Jutze Intelligence
- Main AOI Products of ekt-Tech
- Main Customers of ekt-Tech
- Main AOI Products of ZhenHuaXing Technology
- New AOI Products of ZhenHuaXing Technology
- Main Customers of ZhenHuaXing Technology
- Sales Network of ZhenHuaXing Technology
- Main AOI Products of Ovi Technology
- Main Customers of Ovi Technology
- Main AOI Products of Mingfu Automation
- Main Customers of Mingfu Automation
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