Global and China Industrial Robot Industry Report, 2019-2025

May 2019

ResearchInChina
www.researchinchina.com

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

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.

INFORMATION SOURCES

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

Abstract

In 2018, a total of 156,400 industrial robots were sold in China, soaring by 14.97% on an annualized basis, making China be the largest consumer of industrial robots in the world for six consecutive years. The burgeoning development of industrial robots is facilitated by the two below. First, the applied markets-- automobile, high-end equipment manufacturing and electronics & appliances -- have developed radically; second, the innovation capability of Chinese industrial robots has been improved progressively and localization of core components has risen.

Concerning robot types, articulated handling robot still prevailed in 2018, and its strong sales growth serves as a stimulus for the quality improvement of Chinese robots. By application, handling and welding robots are still in a dominant position, and the sales volume of robots for processing (laser cutting, mechanical cutting, deburring, polishing, etc.) also increased a lot.

Speed reducer, controller and servo system are the core components of an industrial robot, sharing more than 70% of the total cost. In recent years, China has made remarkable progress in localization of controllers and servo systems, but has tried in vain in mass production of speed reducers due to the high technical barriers. The Chinese speed reducer market has been monopolized by Japanese companies (Nabtesco's RV speed reducers occupy about 60%, and Harmonica's harmonic speed reducers make up about 15%), while Chinese players rely on imports heavily. In the future, only breakthroughs have been made in speed reducer can bring a rosy outlook for Chinese robots.

At present, Switzerland ABB, Germany KUKA, Japan FANUC and Yaskawa occupy about 60% of the Chinese industrial robot market, and they are scrambling for more, particularly quicker expansion in 2018.

Expansion Plans of Four Industrial Robot Companies in China, 2018-2019

Companies	Time	Expansion Plan
ABB	May 17, 2018	ABB inaugurated a new robotics application center at the Liangjiang New District of Chongqing Municipality on May 17, 2018. The establishment of the center signifies a further push from ABB to support the development of the robotics industry in China's western regions, step up smart manufacturing and drive industrial upgrade.
	Oct 27, 2018	ABB announced a US$150 million investment in Shanghai, China to build the world's most advanced, automated and flexible robotics factory - a cutting-edge center where robots make robots. It is expected to begin operating by the end of 2020, with the annual capacity of up to 100,000 units.
Yaskawa	Jun 15, 2018	Yaskawa announced that a completion ceremony was held on June 15, 2018 of the third plant at Yaskawa (China) robotics Co., Ltd. The completion of the third plant and reorganization for the first and second plants will increase its manufacturing capacity from 1,000 units monthly to 1,500 units monthly, or 18,000 units per year.
KUKA	Jul 2018	Kuka's second robot plant in Shanghai went into production. It planned to set up a new robot factory Shunde as its second largest plant in the world with the capacity of 75,000 robots yearly by 2024.
FANUC	Mar 28, 2018	The foundation and opening ceremony of Guangzhou FANUC Robotics Co., Ltd. was held in Guangzhou Science City. The company will build a South China base integrating robot marketing, show, training, technical support and warehousing.
	Apr 3, 2019	FANUC announced that its largest robot production base outside Japan is about to settle in Shanghai. The project is named FANUC "Super Smart Factory" with total investment of about RMB1.5 billion.

Source: ResearchInChina

In the meantime, Chinese industrial robot producers performed brilliantly as well in 2018. ESTUN earned the revenue of RMB735 million from industrial robots and intelligent manufacturing systems in 2018, an upsurge of 50.28% over last year, and with an anticipated growth rate of 20% in 2019. Brotherobot outperformed its goal by selling 15,788 manipulators and 5,137 robots (compared with only 351 units in 2017), and ranked first in China by the sales volume of robots made in China. EFORT officially rolled out a new generation of ER3B-C10 robot, and in February 2019 it started its next-generation intelligent industrial robot R&D and industrialization project.

Global and China Industrial Robot Industry Report, 2019-2025 by ResearchInChina focuses on the following:

●Market size, market structure, key enterprises, etc. of global industrial robots;
●Development history, market size, supply and demand, market structure, investment and development prospect, etc. of Chinese industrial robots;
●Market size, business structure, future trends, etc. of Chinese key industrial robot components (speed reducer, controller and servo system);
●10 key global companies including ABB, KUKA, FANUC and Yaskawa (industrial robot business, layout in China, future planning, etc.);
●23 key Chinese companies including SIASUN Robot & Automation, Shanghai STEP Electric, ESTUN, EFORT and Brotherobot (operation, industrial robot business, R&D, future strategy, etc.)

Table of contents

Table of contents

Table of contents

Table of contents

Table of contents

Table of contents

Table of contents

Table of contents

How to Buy

You can place your order in the following alternative ways:

1.Order online at www.researchinchina.com

2.Fax order sheet to us at fax number:+86 10 82601570

3. Email your order to: report@researchinchina.com

4. Phone us at +86 10 82600828

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 801, B1, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng,Landianchang,Haidian District,Beijing Bank Account No #: 110060668012015061217 Routing No # : 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
Total		

Choose type of format

PDF (Single user license) …………..2,600 USD

Hard copy ………………….……. 2,800 USD

PDF (Enterprisewide license)…....... 3,900 USD

※ Reports will be dispatched immediately once full payment has been received.

Payment may be made by wire transfer or credit card via PayPal.

ResearchInChina
www.researchinchina.com

RICDB service

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- ***Multi-users market reports***
- ***Database-RICDB***
- ***Custom Research***
- ***Company Search***

RICDB (http://www.researchinchina.com/data/database.html), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at:

Room 801, B1, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com