



# **Global and China Hydraulic Industry Report, 2020-2026**

**November 2020**

## 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

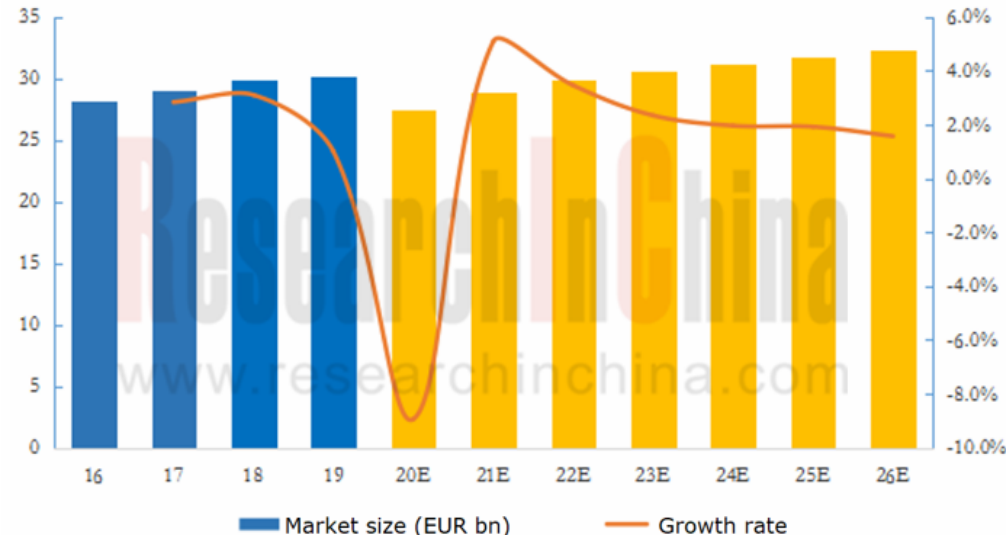
The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

## Abstract

Hydraulic parts, essential to modern equipment manufacturing, are mostly used in mobile machinery, industrial machinery and large-sized equipment. Especially, construction machinery consumes the overwhelming 40% hydraulic parts. Since 2017, China's construction machinery industry has recovered, and the market has regained rapid growth thanks to the accelerated renewal of second-hand equipment, the positive effects of air pollution prevention and environmental protection policies on the market, the export growth stimulated by the "Belt and Road" Initiative, and the popularization and application of new technologies and methods in the field of construction. According to the statistics from China Construction Machinery Association, the entire industry achieved the revenue of RMB668.1 billion in 2019, an increase of 12% over 2018, after deducting incomparable factors, duplicate data and non-construction machinery revenue.

The growth of the construction machinery industry has triggered higher demand for the hydraulic industry. In 2019, the global hydraulic market size was estimated at approximately EUR30.2 billion, marking a relatively mature stage with stable growth. Affected by the COVID-19 pandemic, the global hydraulic market size is expected to decline to roughly EUR27.5 billion in 2020. However, the market size will recover to EUR32.3 billion by 2026 after the pandemic ends.

Market Size and Growth Rate of Global Hydraulic Industry, 2016-2026E



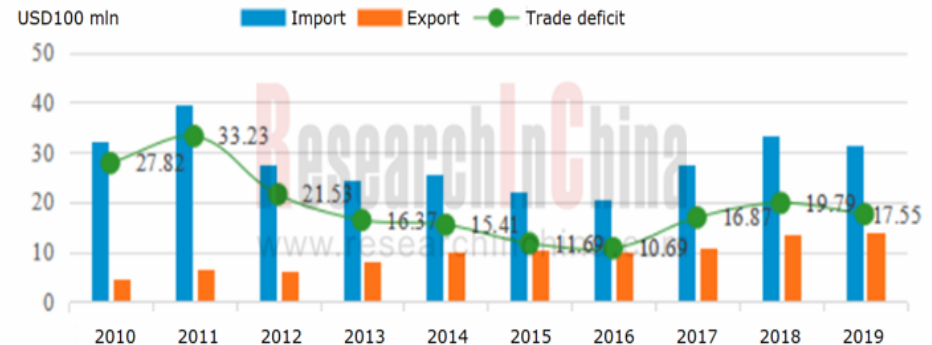
Source: Global and China Hydraulic Industry Report, 2020-2026

Copyright 2012ResearchInChina

China's hydraulic industry started in the 1950s. After decades of efforts, the overall technical level has been greatly improved, which offers strong support the stable development of the hydraulic industry. In order to mitigate the impact of the global financial crisis on the domestic economy, China has further bolstered infrastructure construction. The total output value of the hydraulic industry jumped from RMB26.9 billion in 2009 to RMB48.8 billion in 2014, with the CAGR of 12.65%. Since then, the industry has maintained a certain growth rate stably. The total output value of China's hydraulic industry was about RMB55.4 billion in 2017, and is expected to reach RMB60.1 billion in 2019.

As China emphasized “hosts over components” in the industrial development in the past, the development of China’s hydraulic component industry lags behind that of hosts. The R&D and innovation capabilities of the hydraulic component industry cannot meet the higher and higher requirements proposed by hosts, and the structural surplus of low-end products and the structural shortage of high-end products coexist. On the one hand, domestic companies have overcapacity in medium and low-end products and pose severe homogeneity competition; on the other hand, low R&D and production levels of high-end products, especially high-end control components, cause a failure in the formation of effective supply. The global high-end hydraulic market is almost monopolized by a few hydraulic players such as Bosch Rexroth, Kawasaki Heavy Industries, etc., so that China depends on the import of medium and high-end hydraulic components in the long term. From the perspective of import and export data, the export of China's hydraulic industry has grown rapidly in the past ten years, but it has not yet shaken off the long-term dependence on imports.

Import and Export of China's Hydraulic Industry, 2010-2019



Source: China Customs, China Hydraulics Pneumatics & Seals Association

From the perspective of market competition, the United States, Japan and Germany, as manufacturing powerhouses, have nurtured the most competitive precision hydraulic manufacturing giants in the world. The high technical barriers to the hydraulic industry have resulted in a high degree of concentration. With the expansion of the downstream application market, a number of tycoons have emerged, such as Bosch-Rexroth, Kawasaki Heavy Industries, Parker Hannifin, Eaton (acquired by Danfoss), etc. which master the most advanced hydraulic manufacturing technology in the world.

Due to the short development history and low concentration of China's hydraulic industry, most local companies are small in scale without independent innovation capabilities. Especially, the development of high-end hydraulic parts is seriously lagging behind the downstream equipment manufacturing industry. For a long time, China has heavily relied on imported high-end hydraulic parts, which poses a bottleneck restricting the development of China's equipment manufacturing industry. In recent years, the emergence of several domestic hydraulic component companies, such as Jiangsu Hengli Hydraulic Co., Ltd and Yantai Eddie Precision Machinery Co., Ltd., has gradually changed the situation, and these companies have constantly improved competitiveness to get rid of the bottleneck gradually.

Global and China Hydraulic Industry Report, 2020-2026 by ResearchInChina highlights the following:

- Hydraulic industry (definition and classification, industrial chain, technology trend. etc.);
- Global and Chinese hydraulic industry (market size and prediction, competition pattern, major subdivision market, import and export, etc.);
- Chinese construction machinery industry scale, competition pattern, etc.;
- 7 global and 20 Chinese hydraulic enterprises (profile, business, operation and new products, etc.).

## Revenue of Global Major Hydraulic Enterprises, 2019

| Name                                       | Profile   | Revenue, 2019 |         |  |
|--|---|---------------|---------|--|
|  |   | Unit          | Company | Hydraulic business                     |
| Bosch-Rexroth                              | It is a leading transmission and control technology service provider, offering complete set of technology services for industrial hydraulic technologies. It began to fully produce hydraulic components since 1953, and has over 31,000 staffs worldwide. It started operation in China since 1978 and established manufacturing bases in Beijing, Changzhou and Xi'an.  | EUR bn        | 6.2     | 6.2                                    |
| Eaton (Danfoss)                            | Founded in 1911, it is a diversified power management company with over 97,000 staffs worldwide. It is a leader in multiple industrial fields like power supply quality, power transmission & distribution and control system; hydraulic power units, systems and services for industrial equipment and mobile construction machinery; fuel, hydraulic and pneumatic systems for commercial use and military aerospace; as well as power and transmission systems helping trucks and vehicles improve performance, fuel economy and safety. Its hydraulic business was acquired by Danfoss in Feb. 2020.  | USD bn        | -       | 2.2+0.5 (Danfoss's hydraulic business) |
| Parker-Hannifin                            | Established in 1918, it is the world's largest motion control company with the most complete product varieties and offering core transmission control technologies such as electromechanical, hydraulic and pneumatic technologies. It is devoted to delivering first-class products and user services, and offering precisely designed solutions for automotive, industry and aerospace markets.   | USD bn        | 13.70   | About 3.4                              |
| Kawasaki Precision Machinery               | It is established in 1878 and employs 30,653 staffs. It operates divisions of vehicles, aerospace, gas turbines, machinery, universal machines, and ships. Its products cover fields like land, sea and air.  | JPY bn        | 1,641   | -                                      |
| KYB  | Founded in 1919, it produces all kinds of auto shock absorbers, hydraulic device, etc and has hydraulic production base in Zhenjiang, China.  | JPY bn        | 412     | 125                                    |
| Jiangsu Hengli Hydraulic Co., Ltd.         | Formed in 1990, it has developed from a hydraulic cylinder manufacturer to a large comprehensive enterprise integrating hydraulic component, precision casting, pneumatic component and hydraulic system industries into one body. It serves multiple world's Top 500 companies, and occupies leading position in hydraulic industry worldwide in terms of production scale and technological level. Its products are sold to over 20 countries and regions, widely applied to various fields such as engineering vehicles, port vessels, energy exploitation, tunnel machinery, and industrial manufacturing.  | RMB bn        | 5.41    | 5.41                                   |
| Yantai Eddie Precision Machinery Co., Ltd. | Established in 2003, it is mainly engaged in R&D, manufacturing and sale of hydraulic breakers, quick couplers, vibration breakers, hydraulic shears, hydraulic crushers, hydraulic clamps, stone grapples, log grapples and other attachments for construction machinery. After years' R&D input, it has formed a technology system with intellectual property rights, which takes heat treatment technology, high-pressure hydraulic part casting technology, advanced machining process, high-pressure sealing technology and test technology as the core. It achieves localization of its high-end hydraulic parts such as hydraulic pumps, walking motors and rotary motors. | RMB bn        | 1.44    | 1.44                                   |

Source: ResearchInChina

Copyright 2012ResearchInChina

### **1. Overview of Hydraulic Industry**

- 1.1 Definition
- 1.2 Industry Chain
- 1.3 Structure
- 1.4 Development Trends of China Hydraulic System Industry

### **2. Development of Global Hydraulic Industry**

- 2.1 Market Size
- 2.2 Regional Structure
  - 2.2.1 United States
  - 2.2.2 Germany
- 2.3 Key Players

### **3. Development of China Hydraulic Industry**

- 3.1 Related Policies
- 3.2 Market Scale and Structure
  - 3.2.1 Market Scale
  - 3.2.2 Market Structure
  - 3.2.3 Production
- 3.3 Import and Export
  - 3.3.1 Total Import and Export Value
  - 3.3.2 Import and Export Unit Price
- 3.4 Main Products
  - 3.4.1 Hydraulic Cylinder
  - 3.4.2 Hydraulic Pump Valve

- 3.5 Corporate Pattern
- 3.6 Hydraulic Parts Aftermarket

### **4. China Construction Machinery Industry**

- 4.1 Status Quo
  - 4.1.1 Market Size
  - 4.1.2 Main Products
  - 4.1.3 Key Enterprises
- 4.2 Hydraulic System
  - 4.2.1 Status Quo
  - 4.2.2 Localization
  - 4.2.3 Development Trend

### **5. Major Foreign Companies**

- 5.1 Bosch-Rexroth
  - 5.1.1 Profile
  - 5.1.2 Operation
  - 5.1.3 Revenue Structure
  - 5.1.4 R&D
  - 5.1.5 Development in China
  - 5.1.6 Bosch Rexroth (Changzhou) Co., Ltd
- 5.2 Danfoss
  - 5.2.1 Profile
  - 5.2.2 Operation
  - 5.2.3 Revenue Structure



5.2.4 Danfoss Power Solutions

5.2.5 Mobile Hydraulics

5.2.6 Acquisitions

5.3 Parker Hannifin

5.3.1 Profile

5.3.2 Operation

5.3.3 Revenue Structure

5.3.4 Development in China

5.4 Kawasaki Precision Machinery

5.4.1 Profile

5.4.2 Operation

5.4.3 Revenue Structure

5.4.4 Hydraulic Components Business

5.4.5 Kawasaki Precision Machinery (Suzhou) Co., Ltd.

5.5 KYB

5.5.1 Profile

5.5.2 Operation

5.5.3 Revenue Structure

5.5.4 Hydraulic Components Business

5.5.5 R&D

5.5.6 Development in China

5.6 YUKEN

5.6.1 Profile

5.6.2 Operation

5.6.3 Development in China

5.7 Nabtesco

5.7.1 Profile

5.7.2 Operation

5.7.3 Revenue Structure

5.7.4 Hydraulic Equipment Business

5.7.5 Development in China

5.7.6 Shanghai Nabtesco Hydraulic Co., Ltd.

### 6. Key Chinese Companies

6.1 Hengli Hydraulic (601100)

6.1.1 Profile

6.1.2 Operation

6.1.3 Gross Margin

6.1.4 Production Bases

6.1.5 Main Products

6.1.6 R&D and Projects under Construction

6.1.7 Customers

6.1.8 Development in Recent Years

6.2 Shandong Taifeng Intelligent Control Co., Ltd.

6.2.1 Profile

6.2.2 Operation

6.2.3 Gross Margin

6.2.4 R&D

6.2.5 Main Products

6.2.6 Fundraising Projects



### 6.3 Yantai Eddie Precision Machinery

#### 6.3.1 Profile

#### 6.3.2 Operation

#### 6.3.3 Gross Margin

#### 6.3.4 Major Products

#### 6.3.5 R&D

### 6.4 Changling Hydraulic

#### 6.4.1 Profile

#### 6.4.2 Operation

#### 6.4.3 Gross Margin

#### 6.4.4 R&D

#### 6.4.5 Main Products

#### 6.4.6 Fundraising Projects

### 6.5 Zhejiang Stronger Hydraulic Co., Ltd.

#### 6.5.1 Profile

#### 6.5.2 Subsidiaries

### 6.6 Shandong CCHC Hydraulics Co., Ltd.

#### 6.6.1 Profile

#### 6.6.2 Capacity

#### 6.6.3 R&D Competence

### 6.7 Beijing Huade Hydraulic Industrial Group Co., Ltd.

#### 6.7.1 Profile

#### 6.7.2 Operation

#### 6.7.3 Sales Network

### 6.8 Taiyuan Heavy Machinery Group Yuci Hydraulics Co., Ltd.

#### 6.8.1 Profile

#### 6.8.2 Main Products

#### 6.8.3 Production Bases

#### 6.8.4 Sales Network

### 6.9 Yuci Hydraulics Group Corporation

#### 6.9.1 Profile

#### 6.9.2 Yuci Hydraulics Co., Ltd.

#### 6.9.3 Changzhi Hydraulics Co., Ltd.

### 6.10 Xiamen Yinhua Machinery Co., Ltd.

#### 6.10.1 Profile

#### 6.10.2 Operation

### 6.11 Xuzhou XuGong Hydraulic Component Co., Ltd.

#### 6.11.1 Profile

#### 6.11.2 Operation

#### 6.11.3 Xuzhou AMCA Hydraulic Technology Co., Ltd.

### 6.12 AVIC Liyuan Hydraulic Co., Ltd.

#### 6.12.1 Profile

#### 6.12.2 Operation

### 6.13 Shanghai Norma Hydraulic System Co., Ltd.

#### 6.13.1 Profile

#### 6.13.2 Operation

### 6.14 Hefei Changyuan Hydraulic Co., Ltd.

#### 6.14.1 Profile

#### 6.14.2 Main Products

#### 6.14.3 Main Customers

- 6.15 Sichuan Changjiang Hydraulic Parts Co., Ltd.
  - 6.15.1 Profile
  - 6.15.2 Main Products
- 6.16 Shandong Longyuan Hydraulic Technology Co., Ltd.
  - 6.16.1 Profile
  - 6.16.2 Main Products
- 6.17 Jiangsu Guori Hydraulic Machinery Co., Ltd.
  - 6.17.1 Profile
  - 6.17.2 Main Products
- 6.18 Haihong Hydraulic Technology Stock Co., Ltd.
  - 6.18.1 Profile
  - 6.18.2 Main Products
- 6.19 Sunbun Hydraulic Co., Ltd.
  - 6.19.1 Profile
  - 6.19.2 Main Products
- 6.20 Haimen Hydraulic Component Plant Co., Ltd.
  - 6.20.1 Profile
  - 6.20.2 Main Products

## **7. Summary and Prediction**


- 7.1 Market
- 7.2 Enterprises
  - 7.2.1 Overseas Companies
  - 7.2.2 Chinese Companies



Hydraulic System Industry Chain  
Key Parts or Components of Hydraulic System  
Value Composition of Hydraulic System  
Global Hydraulic Industry Sales, 2016-2026E  
Global Sales of Hydraulic Products (by Country/Region), 2019  
Global Sales of Hydraulic Products (by Region), 2026E  
Output Value of Fluid Power Industry in United States, 2013-2019  
Application Structure of Hydraulic Products by Sector in United States, 2019  
Germany's Hydraulic Product Sales and Order Intake, 2002-2018  
Application Structure of Hydraulic Products by Sector in Germany, 2019  
Business Layout of Hydraulic Bellwethers Worldwide  
Major Hydraulic Parts Manufacturers Worldwide, 2019  
Policies on China Hydraulic Industry  
Policies on COVID-19 of China  
Development History of China's Hydraulic Industry  
Sales Value and YoY Growth of China Hydraulic Industry, 2012-2019  
China's Hydraulic Application Market Structure, 2019  
China's Hydraulic Parts Structure, 2019  
China's Output and YoY Growth of Hydraulic Parts, 2011-2019  
Import and Export Value of Hydraulic Parts in China, 2011-2019  
Import and Export of Hydraulic Pumps and Hydraulic Motors in China, 2017-2019  
The Ratio between the Import Unit Price and the Export Unit Price of Hydraulic Products, 2017-2019  
Market Share of Hydraulic Excavator Cylinder in China, 2013-2019  
Major Hydraulic Pump Valve Suppliers of Excavator Brands  
Market Size of Excavator Pump Valves in China, 2013-2019



Most Influential Hydraulic System Brands in China  
Major Hydraulic Parts Enterprises in China  
Market Size of Hydraulic Parts Aftermarket in China, 2015-2026E  
Major Suppliers of Hydraulic Parts Aftermarket in China  
Market Structure of Hydraulic Parts Aftermarket in China, 2019  
Sales and YoY Growth of China Construction Machinery Industry, 2015-2026E  
Sales Volume of Major Construction Machinery in China, 2006-2019  
Sales Volume and YoY of Excavators in China, 2011-2019  
Sales Volume and YoY of Loading Machines in China, 2011-2019  
Sales Volume and YoY of Cranes in China, 2011-2019  
Sales Volume and YoY of Bulldozers in China, 2011-2019  
Top 20 Construction Machinery Players Worldwide, 2019  
Proportion of Hydraulic System and Accessories to the Production Cost of Excavator  
Hydraulic Parts Bases of Leading Construction Machinery Main-engine Enterprises in China, 2019  
Evolution Process of Hydraulic Age  
Human Resource Distribution of Bosch Rexroth, 2019  
Sales and YoY Growth of Bosch-Rexroth, 2013-2019  
Sales and Percentage of Bosch-Rexroth by Region, 2018-2019  
R&D Costs and % of Total Sales of Bosch-Rexroth, 2013-2019  
Profile of Bosch Rexroth (Changzhou) Co., Ltd  
Key Business of Danfoss  
Global Presence of Danfoss  
Net Revenue and Net Income of Danfoss, 2015-2020  
Net Revenue and Percentage of Danfoss by Business, 2018-2020  
Net Revenue and Percentage of Danfoss by Region, 2018-2020



Net Revenue of Danfoss Power Solution Business, 2017-2020  
Digital Displacement? Pump of Danfoss  
Net Revenue and Operating Income of Eaton Hydraulic, 2015-2019  
Net Revenue and Net Income of Parker Hannifin, FY2015-FY2020  
Revenue of Parker Hannifin by Business, FY2018-FY2020  
Revenue Structure of Aerospace Systems Segment, FY2019-FY2020  
Revenue Structure of Diversified Industrial Segment, FY2019-FY2020  
Revenue Structure of Parker Hannifin, FY2019-FY2020  
Sales and Operating Income of Kawasaki Precision Machinery, FY2016-FY2020  
Revenue Structure of Kawasaki, FY2019-FY2020  
Main Product of Kawasaki  
Worldwide Production Bases of Kawasaki Precision Machinery  
Key Products of KYB  
Worldwide Business Distribution of KYB  
Net Sales and Net Income of KYB, FY2016-FY2020  
KYB's Sales by Business, FY2018-FY2020  
KYB's Key Hydraulic Parts, 2019  
KYB's Sales by Region, FY2016-FY2020  
Percentage of External Net Sales of KYB's Hydraulic Components Business (by Application), FY2020  
Revenue and Segment Profit of KYB's Hydraulic Components Business, FY2015-FY2019  
R&D Expenditure and Ratio to Revenue of KYB, FY2011-F2020  
KYB's Wholly-funded Subsidiaries in China, 2020  
KYB's Revenue in China, FY2016-FY2020  
Percentage of External Net Sales of KYB's Hydraulic Components Business (by Region), FY2020  
YUKEN's Sales and Net Income, FY2016-FY2020

YUKEN's Subsidiaries in China

YUKEN's Sales by Region, FY2019-FY2020

YUKEN's Sales by Business, FY2019-FY2020

Net Sales and Operating Income of Nabtesco, 2016-2019

Sales and Net Income of Nabtesco, 2016-2019

Net Sales and Percentage of Nabtesco by Region, 2015-2019

HYDRAULIC EQUIPMENT BUSINESS Overview of Nabtesco, 2019

Hydraulic Equipment of Nabtesco

Market Share of Nabtesco's Excavator Hydraulic Products, 2019

Nabtesco's Net Sales and Structure (%) in China, 2016-2019

Equity Structure of Shanghai Nabtesco Hydraulic Co., Ltd. 2020

Revenue and Net Income of Hengli Hydraulic, 2014-2020

Operating Revenue of Hengli Hydraulic by Product, 2013-2019

Operating Revenue of Hengli Hydraulic by Region, 2013-2019

Gross Margin of Hengli Hydraulic by Product, 2013-2019

Production Bases of Hengli Hydraulic, 2020

Main Products of Hengli Hydraulic

R&D Costs and % of Total Revenue of Hengli Hydraulic, 2013-2019

Revenue Contribution and Structure (%) of Hengli Hydraulic's Top 5 Customers, 2016-2019

Revenue and Net Income of Shandong Taifeng Intelligent Control, 2017-2019

Revenue of Shandong Taifeng Intelligent Control by Product, 2017-2019

Gross Margin of Shandong Taifeng Intelligent Control (by Product), 2017-2019

R&D Costs and % of Total Revenue of Shandong Taifeng Intelligent Control, 2017-2019

Composition of Hydraulic Transmission and Control System and Main Products of Shandong Taifeng Intelligent Control

Main Products of Shandong Taifeng Intelligent Control

Capacity, Output, Capacity Utilization and Sales/Output Ratio of Main Products of Shandong Taifeng Intelligent Control

Sales Volume of Cartridge Valves of Shandong Intelligent Control, 2017-2019

Two-port Cartridge Valve Sales Structure of Shandong Taifeng Intelligent Control by Unit Price, 2017-2019

Shandong Taifeng Intelligent Control's Projects with Funds Raised by IPO, 2020

Revenue and Net Income of Yantai Eddie Precision Machinery, 2014-2020

Revenue (by Business) of Yantai Eddie Precision Machinery, 2018-2019

Gross Margin of Yantai Eddie Precision Machinery, 2013-2019

Main Products of Yantai Eddie Precision Machinery

Hydraulic Breakers of Yantai Eddie Precision Machinery

Output and Sales of Main Products of Yangtai Eddie Precision Machinery, 2018-2019

Hydraulic Parts Sample of Yantai Eddie Precision Machinery

R&D Costs and % of Total Revenue of Yantai Eddie Precision Machinery, 2015-2019

Revenue and Net Income of Changling Hydraulic, 2017-2020

Revenue (by Business) of Changling Hydraulic, 2018-2019

Revenue (by Region) of Changling Hydraulic, 2018-2019

Gross Margin of Changling Hydraulic, 2017-2019

R&D Expenditure and % of Total Revenue of Changling Hydraulic, 2017-2019

Use of Changling Hydraulic's Main Products in Excavator

Sketch Map of Hydraulic Turning Joint

Sketch Map of Adjuster Cylinder

Capacity, Output and Sales Volume of Changling Hydraulic (by Product), 2017-2019


List of Investment Projects with Raised Funds of Changling Hydraulic, 2020

Profile of Xuzhou Stronger Hydraulic Co., Ltd.

Profile of Jiangxi Stronger Hydraulic Co., Ltd.

Production Lines of Shandong CCHC Hydraulics





- Global Sales Network of Beijing Huade Hydraulic Industrial Group
- Main Production Bases of Yuci Hydraulic Industry
- International Sales Network of Yuci Hydraulic Industry
- Domestic Sales Network of Yuci Hydraulic Industry
- Member Companies of Yuci Hydraulics Group Corporation
- Main Hydraulic Cylinder products of Xiamen Yinhua Machinery
- Main Hydraulic System products of Xiamen Yinhua Machinery
- Main Hydraulic Products of XuGong Hydraulic Component
- Profile of Xuzhou AMCA Hydraulic Technology Co., Ltd.
- Industry Structure and Production Bases of AVIC Liyuan Hydraulic Co., Ltd.
- Revenue and Net Income of AVIC Liyuan Hydraulic, 2015-2020
- Hydraulic Pump Output and Sales Volume of AVIC Liyuan Hydraulic, 2015-2019
- Feedback Servo Valves of Shanghai Norma Hydraulic System
- Shanghai Norma Hydraulic System's Proportional Valves for Industrial Application
- Main Hydraulic Products of Hefei Changyuan Hydraulic
- Main Customers of Hefei Changyuan Hydraulic
- Gear Pump Products of Changjiang Hydraulic
- Multi-Channel Valve Products of Changjiang Hydraulic
- Hydraulic Cylinder Products of Changjiang Hydraulic
- Plunger Pump Products of Changjiang Hydraulic
- Main Hydraulic Products of Haihong Hydraulic
- Main Hydraulic Products of Sunbun Hydraulic
- Main Hydraulic Products of Haimen Hydraulic
- Sales of Main Hydraulic Companies Worldwide, 2019
- Sales of Main Hydraulic Companies in China, 2019

**You can place your order in the following alternative ways:**

1. Order online at [www.researchinchina.com](http://www.researchinchina.com)
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: [report@researchinchina.com](mailto:report@researchinchina.com)
4. Phone us at +86 10 82600828

|                 |  |     |  |
|-----------------|--|-----|--|
| <b>Party A:</b> |  |     |  |
| Name:           |  |     |  |
| Address:        |  |     |  |
| Contact Person: |  | Tel |  |
| E-mail:         |  | Fax |  |

|                 |   |        |                |
|-----------------|---|--------|----------------|
| <b>Party B:</b> |   |        |                |
| Name:           | Beijing Waterwood Technologies Co., Ltd (ResearchInChina)   |        |                |
| Address:        | Room 2-626, 6th Floor, No.1, Shanyuan Street, Haidian District, Beijing, 100080   |        |                |
| Contact Person: | Liao Yan  | Phone: | 86-10-82600828 |
| E-mail:         | <a href="mailto:report@researchinchina.com">report@researchinchina.com</a>  | Fax:   | 86-10-82601570 |
| Bank details:   | Beneficial Name: Beijing Waterwood Technologies Co., Ltd<br>Bank Name: Bank of Communications, Beijing Branch<br>Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing<br>Bank Account No #: 110060668012015061217<br>Routing No #: 332906<br>Bank SWIFT Code: COMMCNSHBJG |        |                |

| Title        | Format | Cost |
|--------------|--------|------|
|              |        |      |
| <i>Total</i> |        |      |

**Choose type of format**

- PDF (Single user license) .....3,000 USD
- Hard copy ..... 3,200 USD
- PDF (Enterprisewide license)..... 4,500 USD

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

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