

CHELIC®
key of minority!



- Establish : November, 1986
- IPO : October, 2015
- Market Value : NT 3,344,000,000
(USD 111,500,000)
- President : MR. Barton Yu
- Main Production Plant : Taiwan,
Shanghai, Ping Hu(Bang Yen)



99% of revenue comes from brand CHELIC

TAIWAN CHELIC CO.,LTD. manufactures pneumatic components. We believe in the specialization of production and the solid manufacturing management. Our outstanding team produces every hi-tech product with 100% effort and dedication to guarantee the supplying the best-quality pneumatic components.

We expect we play a leading role in our industry trusted by our clients and established a long term and beneficial relationship with manufactures and clients. We continually corporate and provide service to our customer and impress customer by our honest.

Pneumatic adopted widely in industries

Pneumatic components can effectively transform the composed actions required for automated manufacturing. Therefore, pneumatic components are widely used in various automated production equipment. Instead of a large number of labor-intensive production processes, automated equipment could help enterprises to reduce in labor costs, production costs etc.

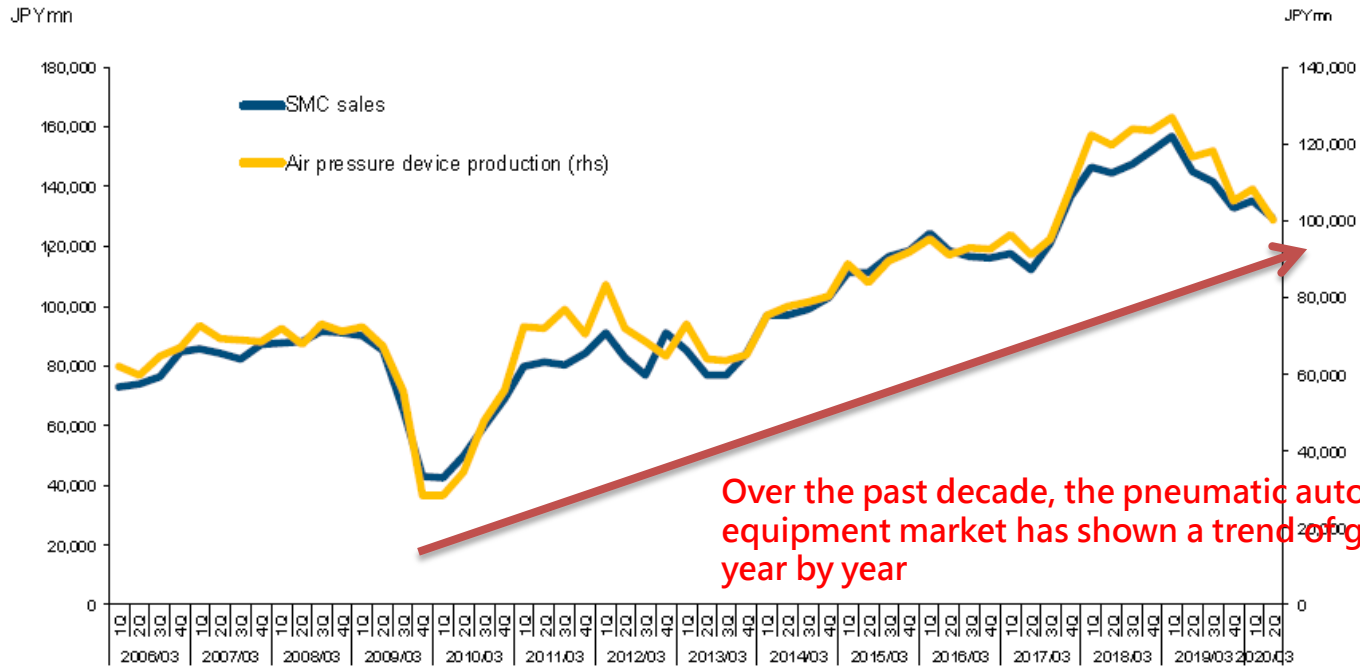
With the changes in machinery nowadays, our business has been engaged in various industries such as agriculture, engineering, metallurgy, mining, lathe, plastics, automobile, petrochemical, aviation and aerospace, railways, medicine, and printing industry. Owing to the diversification of industrial applications, our business will be affected less by the phenomenon of business slump.

With the new policy of “INDUSTRY 4.0”, our sales volume is still increasing even though we’ve been in the business over 30 years.

Therefore, we could proudly say that **Chelic’s products – pneumatic components are the key components in your automated production equipment.**



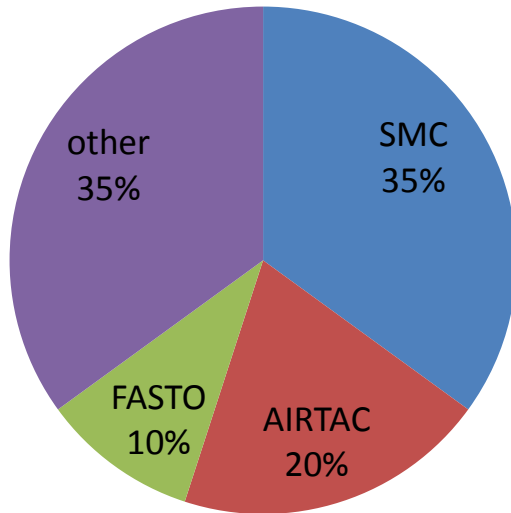
Fig 4 Air pressure equipment shipments



Over the past decade, the pneumatic automation equipment market has shown a trend of growing year by year

Source: Company data, Macquarie Research, November 2019

Market share %

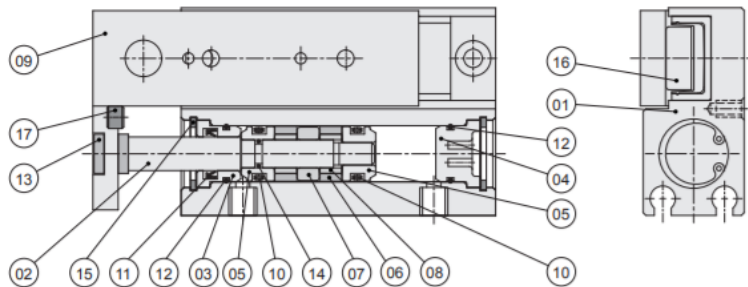


2020 growth of pneumatic components

- 5G drives equipment expenditures.
- U.S.-China trade war speed up industries upgrading.
- **COVID 2019**

Medium to long term growth of pneumatic components

- GDP
- Industry 4.0
- Smart manufacturing



- Maintenance of requirements
- Yield improvement
- Upgrading products

零件名稱及材料表

編號	項目	材質	編號	項目	材質
01	氣缸本體	鋁合金	10	活塞迫緊	耐油膠
02	主軸	中碳鋼	11	軸用迫緊	耐油膠
03	前蓋	鋁合金	12	前後蓋O型環	耐油膠
04	後蓋	鋁合金	13	固定螺絲	合金鋼
05	活塞	銅合金	14	活塞內O型環	耐油膠
06	耐磨環	鐵氟龍	15	扣環	彈簧鋼
07	磁鐵	橡膠磁鐵	16	精密滑軌	軸承鋼
08	耐磨環套鋼	銅合金	17	緩衝	橡膠橡膠
09	滑塊	鋁合金			



- Employee : 220
- Area : 15,500m²
- Operation Item : RD center 、 Manufacture 、 Sales

TAIPEI



- Employee : 450
- Area : 40,000m²
- Operation Item : Manufacture 、 Sales 、 RD

SHANGHAI



Ping Hu

- Employee : 200
- Area : 30,000m²
- Operation Item : RD 、 Manufacture 、 Sales

1. The customer will cancel the order ?

Pneumatic components are components on air compressor automation equipment. Our order delivery time is short. Generally speaking, the average delivery time from order receiving to shipping is about 7-10 days. **Customers' orders are short orders, so they will not be affected cancel.**

2. Current order status ?

At present, customer orders are mainly for **mask production equipment**. Especially after the Shanghai factory started, the average daily order receiving volume was around NTD 8 million, **which has increased significantly by 30% to 40%** in the short term compared with the same period last year. The Taipei factory has been operating 16 hours a day. The Shanghai plant has also begun night shifts.

3. Outlook for the second half of the year ?

We look forward to the outlook for the second half of the year, mainly because the demand for **5G equipment will gradually increase**, and **the capital expenditure suppressed by the trade war in 2019 will also recover**. We will use the first half of the year to actively fill up safety stocks to respond.

1. project progress ?

Mass production is expected to begin **in July this year** .

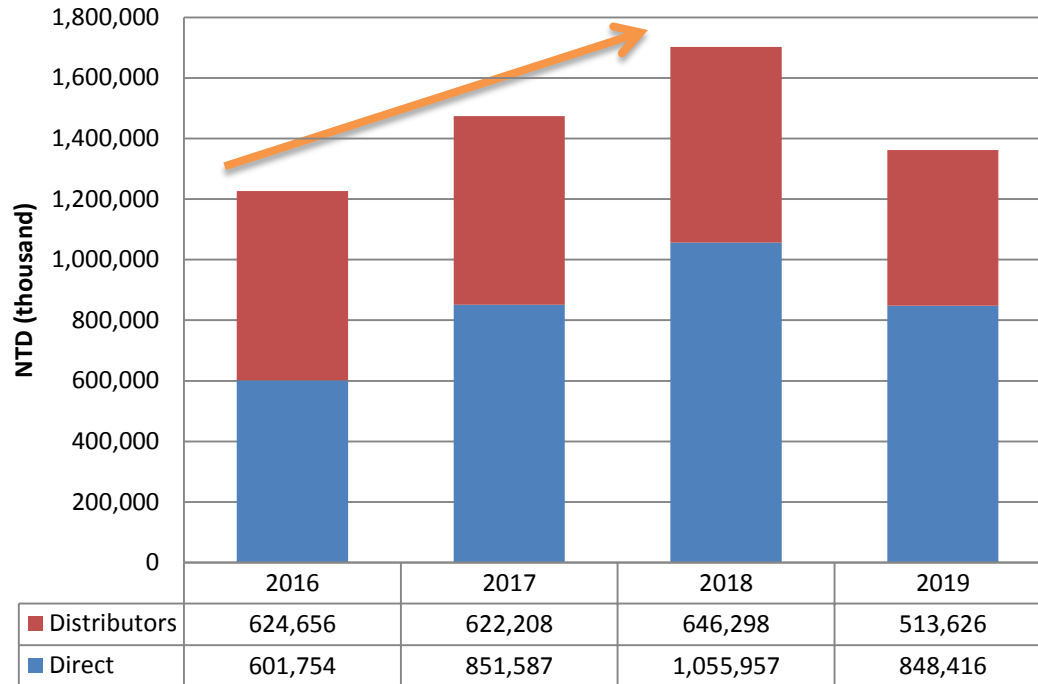
2. Company benefits ?

Through the Pinghu Plant, our company can integrate the upstream die casting and downstream anode and baking process, which can not only reduce costs, but also shorten lead time. More importantly, these processes can also be used for external orders, which is **expected to bring an additional 100 million RMB in revenue to the group in 2021**.

3. Competitive Advantage ?

- (1) Die-casting is a regulated industry. The Pinghu Plant has obtained **a legal sewage discharge license**. Many industries need to open molds. We believe there will be a concentrated order in the future.
 - (2) Excellent traffic location: It is close to the big city of Shanghai, the industrial city of Jiaxing on the left, Suzhou in the north, and the cross-sea bridge down to Ningbo. It is only 40-50 minutes away from our Shanghai factory, and **can be quickly supplied to customers who require**.
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Sales trends

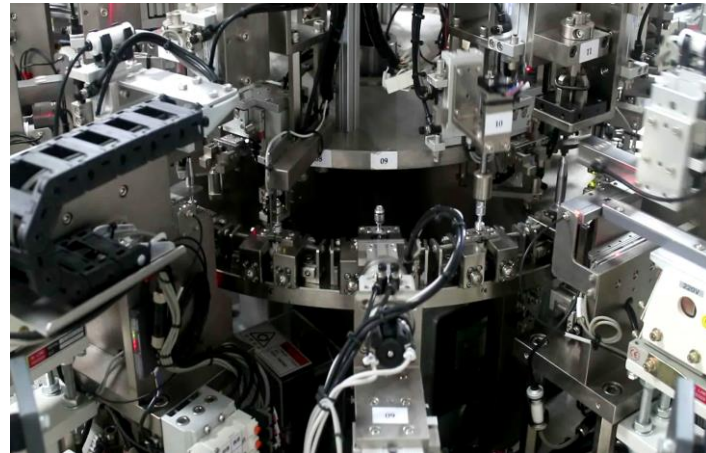


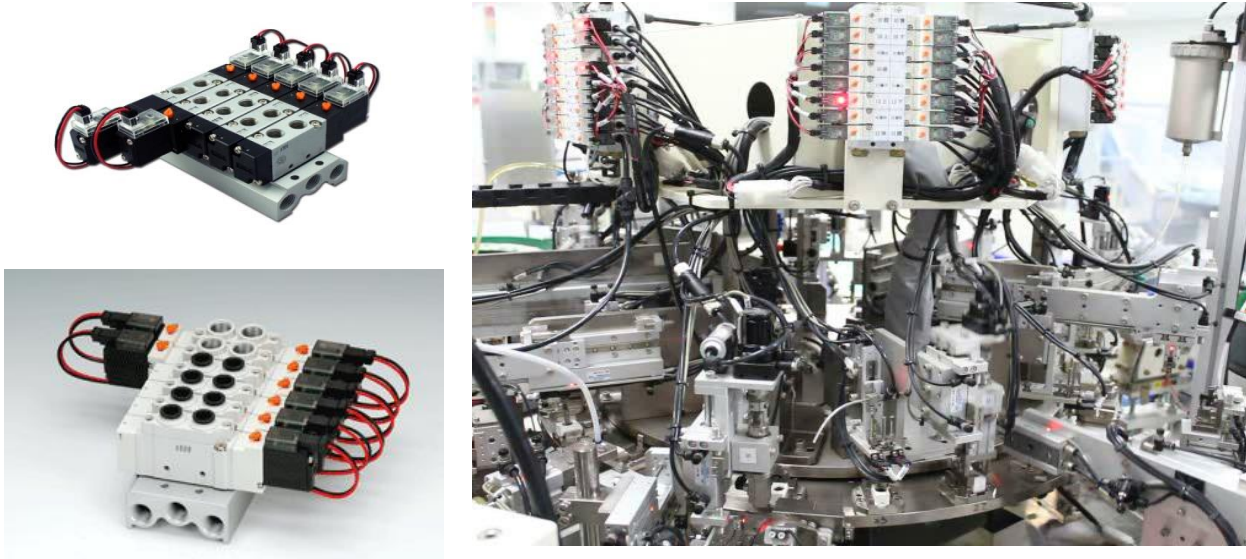


34 Offices & 17 Sales Point in China
3 Offices in Taiwan

Executive unit is the majority components that implement to loading, gripping, positioning, picking and rotating.

According to function, it includes variety cylinders such as standard type, double acting, clamping, rodless, rotary type and gripper type.



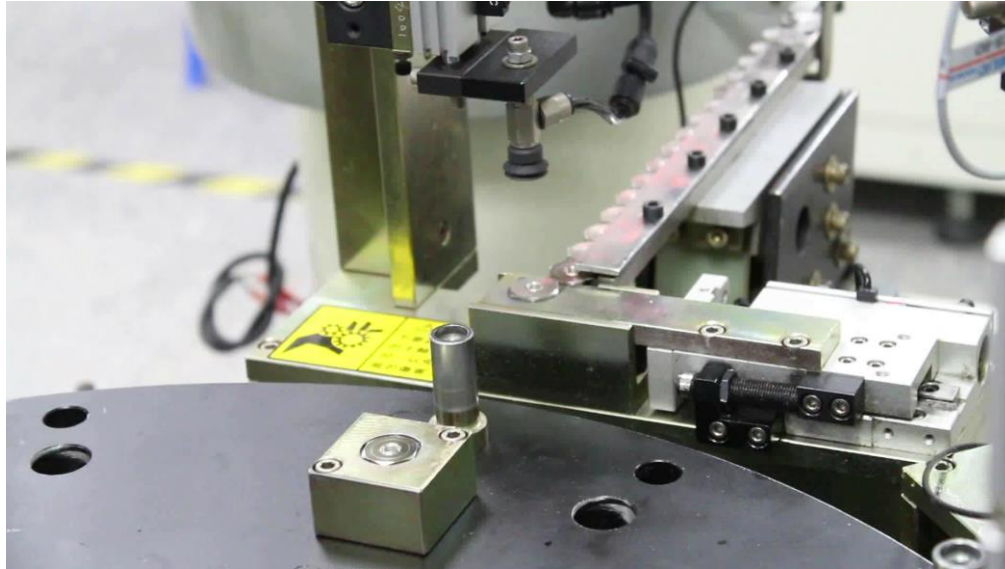


The valve is to control the flow direction of pressured air, to switch direction and to achieve the orders from users.

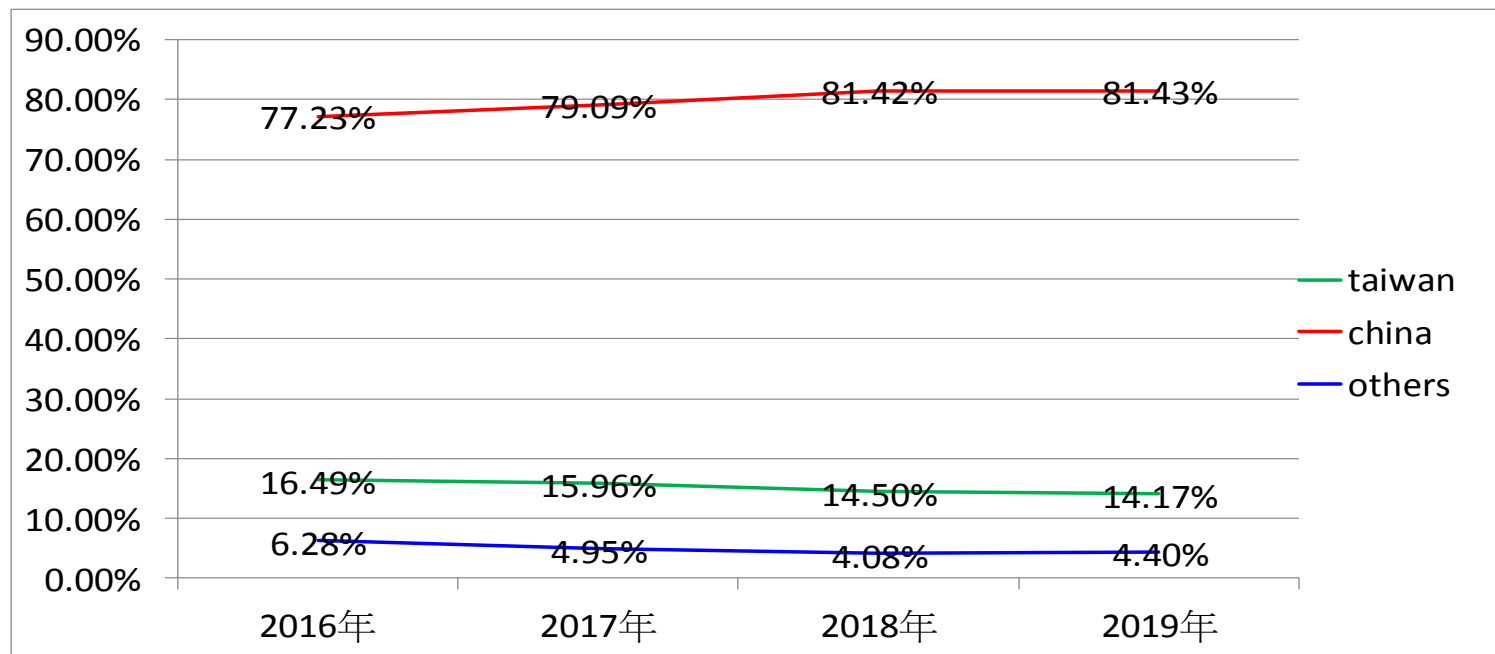
According to variety controlling needs, mechanical valves, hand-operated valves and solenoid valves provides different performance.

The air unit being used to filter the air, pressure adjustment and lubricate in pipelines. According to different working environment, air units includes Filter, Regulator, Lubricator and Filter Regulator.

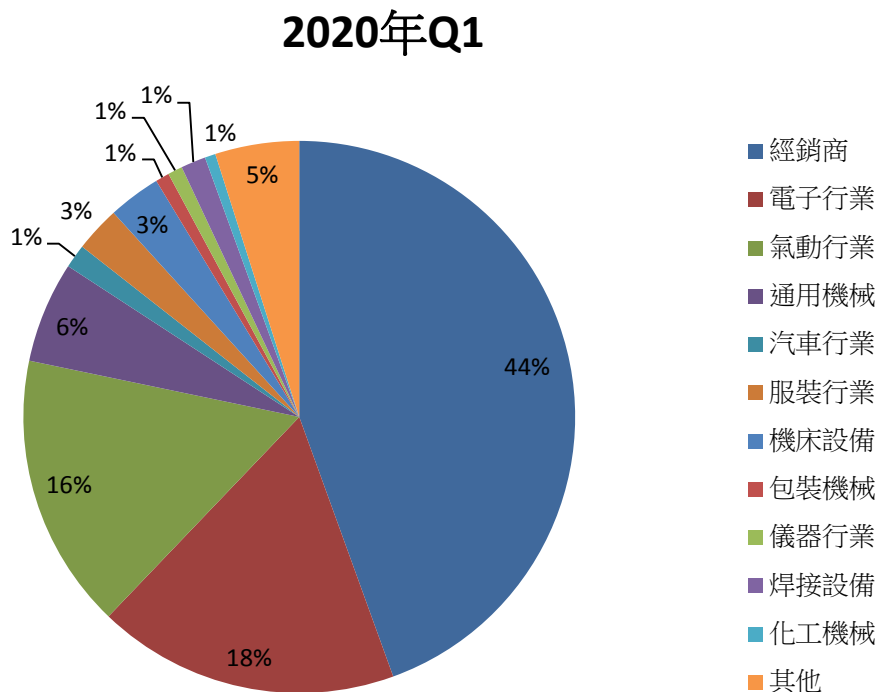




Sub-unit includes vacuum items, fittings, tubing and other accessories which are to match with air unit, control unit and executive unit.



Year	2020 Q1	2019
Industrial	%	%
Distributors	44.47%	37.07%
Electronical	17.68%	21.86%
Pneumatic	16.12%	17.78%
Mechanical	5.92%	6.71%
Auto	1.39%	2.35%
Textile	2.66%	1.98%
Tool machine	3.08%	2.37%
Package	0.81%	0.96%
Instrument	0.86%	0.91%
Welding	1.45%	1.33%
Chemical	0.63%	0.65%
others	4.92%	6.03%
total	100.00%	100.00%





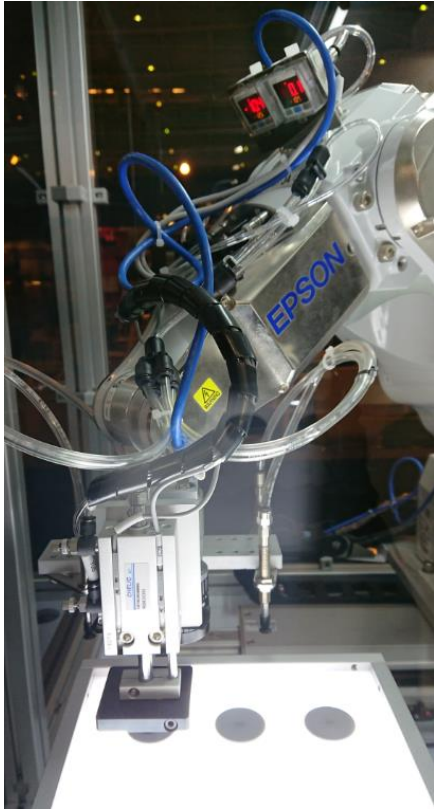
- Land area- 43000 square meters
- Overall investment- RMB 180 million
- Vertical integration, which includes casting factory, two anodizing and backing process line, CNC factory, etc.

Chelic focus on vertical integration and also adapt advanced technologies to improve smart manufacturing for customers.



Photo by December 2019

May 2020 Plant Construction Finished.
June 2020 Acceptance and License Obtained
July 2020 Start to Run Officially



In May of year 2017, the R&D center established, now Chelic have 35 expert engineers in the R&D center

Current development scope:

- A 、 **Energy Saving**
- B 、 **Vacuum** in high efficiency
- C 、 **Industry 4.0** directions
- D 、 **Electrical product** related to high level of industries

- Expanding China's business bases, increasing the proportion of direct sales, and ensuring stable revenue growth.
- The R & D center continues to launch high-end pneumatic products, grasping the trend of Industry 4.0 and smart manufacturing. At present, Chelic has launched the first electro-pneumatic regulator and flow switch in Taiwan.
- The case of land purchase and construction in Pinghu, Zhejiang, China, with an investment scale of RMB 180 million, has begun in December 2018. It is expected to be put into production in the third quarter of 2020.
- Through merger other companies, integrate vertical processes, such as die-casting, grinding, pneumatic valve, electric cylinder etc., to enhance the company's competitiveness.



Electro-pneumatic regulator



Pressure switch





RBZ Series 迴轉機械夾



RMT Series
180°換向夾持缸



MDQ Series
附滑軌型滑台氣缸



ERX Series
節能型精密調壓閥



SKB300 Series
直動式電磁閥



SKV507 Series
直動式電磁閥



RTL Series
90°換向模組



VQ20 Series
節能型真空發生器





CVTR Series
電控比例閥



ERVX Series
節能型真空精密調壓閥



MVS Series
迷你真空氣缸



ERXL Series
節能型大容量
精密調壓閥



HGR Series
平面迴轉下壓缸



VKM 15 Series
聯座型真空發生器



FC Series
數位式流量計



JM Series
橢圓缸



台灣精品 2020
TAIWAN EXCELLENCE



EDM Series
張角式電動夾爪
Angular Electric Gripper



UCHV 400 Series
模組化調理組合
Modular F.R.L. Combinations



CVAR Series
真空電控比例閥
Electric Vacuum Regulator



ERVL Series
節能型大容量真空調壓閥
Energy-Saving Large-Capacity
Vacuum Regulator



VCK Series
模組化真空發生器/聯座型
Modularized Vacuum Ejector Manifold



MRBT Series
磁偶式無桿缸
Magnetic Rodless Cylinder

Q & A