

CHELIC®

key of minority!

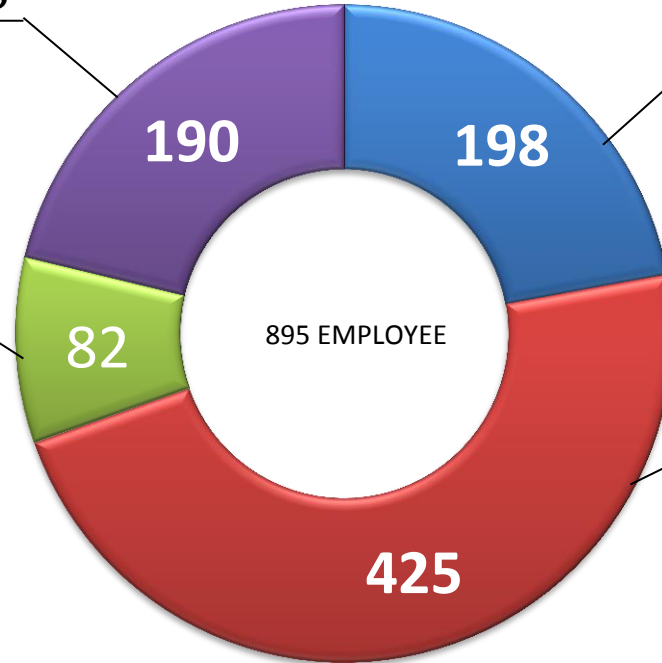
ESTABLISH	NOVEMBER, 1986
TAIWAN STOCK LISTING	SEPTEMBER, 2014
TAIWAN STOCK EXCHANGE	OCTOBER, 2015
CAPITAL	NT\$ 668,800,000 (DEC., 2015)
PRESIDENT	MR. BARTON YU
GENERAL MANAGER	MR. BARTON YU
MAIN PRODUCTION PLANT	TAIWAN, SHANGHAI, PING HU (BANG YE H)

OPERATION SIZE & EMPLOYEE

*PINGHU (DIE-CASTING)
PRODUCTION & SALES*

*TAIPEI, TAIWAN
PRODUCTION ·
SALES & RD CENTER*

*SHENZHEN OFFICE
SALES*



*SONGJIANG,
SHANGHAI
PRODUCTION & SALES*



- EMPLOYEES: 220 people
- PLANT SIZE : 15,500 square meters
- BUSINESS LINE : R &D center, High precision products.



- EMPLOEAYS:325 people
- PLANT SIZE : 40,000 square meters
- BUSINESS LINE : Manufacture and sale for varieties of pneumatics components.

系 | 列 | 商 | 品 COLLECTIONS

模組化組合系列 MODULAR SERIES

ERX series
節能型精密調壓器
PRECISION
REGULATOR



NC series
三點式組合
F.R.L.
COMBINATION



DM series
大型過濾器
LARGE-SIZED
FILTER



電磁閥系列 SOLENOID VALVE SERIES

ISO4 series
電磁閥
SOLENOID
VALVE



SF series
聯座型電磁閥
MANIFOLD TYPE
SOLENOID VALVE



SR series
電磁閥
SOLENOID
VALVE



氣缸系列 CYLINDER SERIES

MDO series
附滑軌型滑座氣缸
SLIDE TABLE
CYLINDER



MRY series
磁偶式無桿氣缸
MAGNETIC RODLESS
CYLINDER



RMF series
迴轉氣缸
ROTARY CYLINDER



機械夾爪系列 GRIPPER SERIES

HDZ series
滑軌型平行機械夾
PARALLEL GRIPPER



RBZ series
迴轉機械夾
ROTARY GRIPPER



RMT series
180°換向夾持缸
180° ROTARY
GRIPPER



真空 / 吸盤系列 VACUUM / PAD SERIES

VO series
節能型真空發生器/數位型
VACUUM EJECTOR



PAL series
不迴轉真空吸盤
NON ROTARY
VACUUM PAD



PS series
非接觸式吸盤
NON-CONTACT
VACUUM PAD



接頭系列 FITTING SERIES

OHV series
手動開關
HAND VALVE



OS series
調速接頭
SPEED
CONTROLLER



SO series
多管路迴轉接頭
UNIVERSAL ELBOW



配件系列 ACCESSORIES SERIES

CJ series
浮動接頭
CYLINDER
FLOAT JOINT



SLP series
消音器
PLASTIC
SILENCER



PU series
PU管
PU TUBING



電控系列 DIRECTIONAL CONTROL SERIES

CVTR series
電控比例閥
ELECTRO-PNEUMATIC
REGULATOR



EDZ series
電動機械夾
ELECTRIC GRIPPER

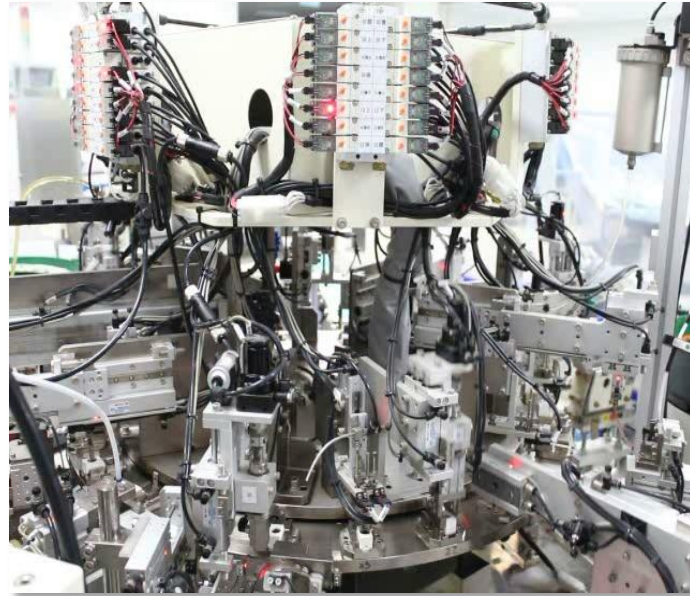


EUH series
一般型螺桿滑台
STANDARD
BALL SCREW DRIVE





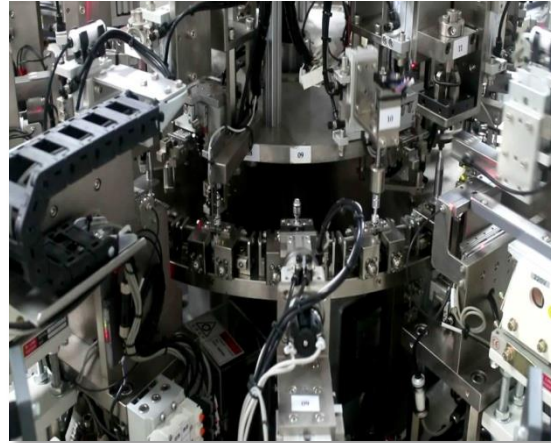
The air unit being used to filter the air, pressure adjustment and lubricate in pipelines. According to different working environment, air units includes Filter, Regulator, Lubricator and Filter Regulator.



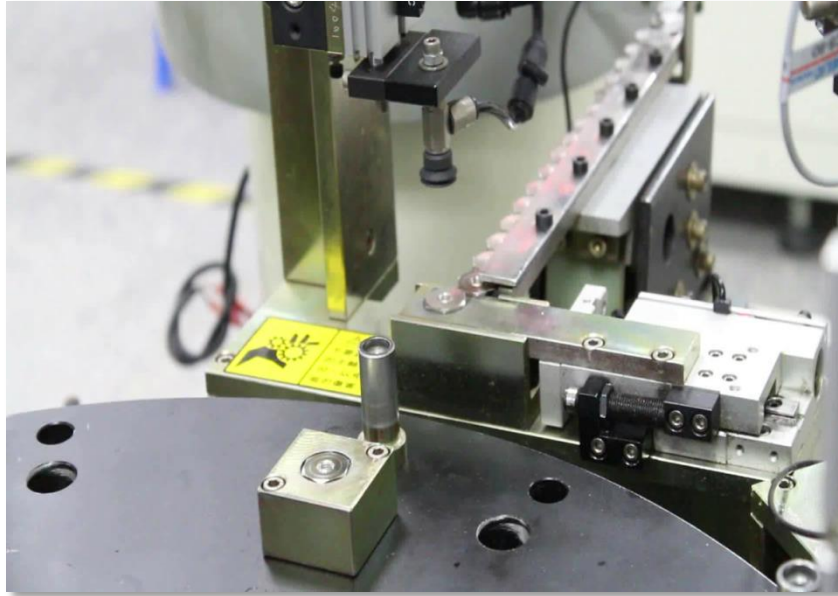
The valve is to control the flow direction of pressured air, to switch direction and to achieve the orders from users. According to variety controlling needs, mechanical valves, hand-operated valves and solenoid valves provides different performance.








Below automation includes :
Sliding cylinder : for vertical/horizontal movement
Air gripper : for holding
Rotary cylinder : for different holding angle



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.

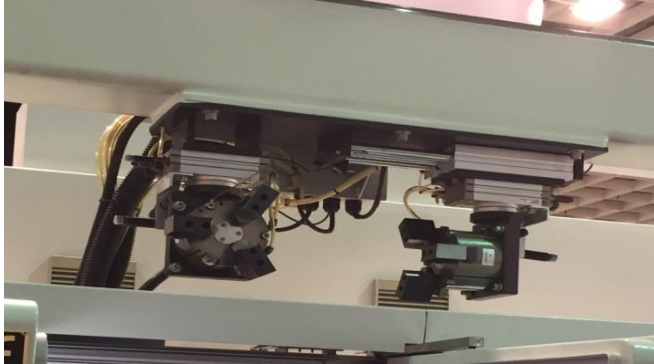


Sub-unit includes vacuum items, fittings, tubing and other accessories which are to match with air unit, control unit and executive unit.

ITEMS	IMAGES	2016 SALES %	2017 JAN - SEP SALE %	CHARACTERISTICS
EXECUTIVE UNIT		51.34%	51.71%	Compressed the air into mechanical device
CONTROL UNIT		13.63%	14.36%	To control the air to adjust the pressure, flow, direction and sending signal.
AIR UNIT		7.91%	6.57%	To process the compressed air from actuators
SUB-UNIT		15.14%	15.17%	VACUUM AND FITTINGS
ACCESORRY		11.48%	11.29%	ACCESSORIES
OTHERS		0.50%	0.90%	SEMI-MATERIAL



INDUSTRIAL ROBOT

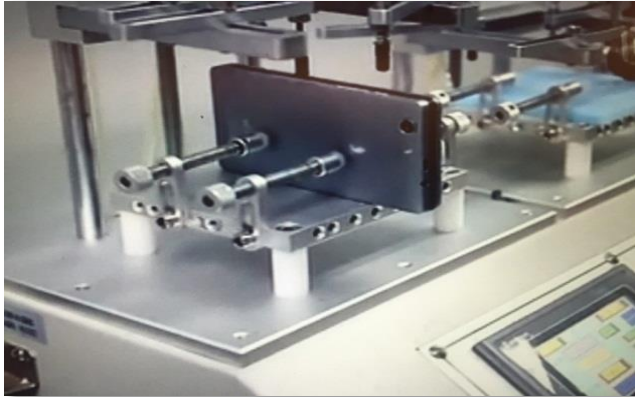


AUTOMATION MACHINE LOADING
AND UNLOADING SYSTEM

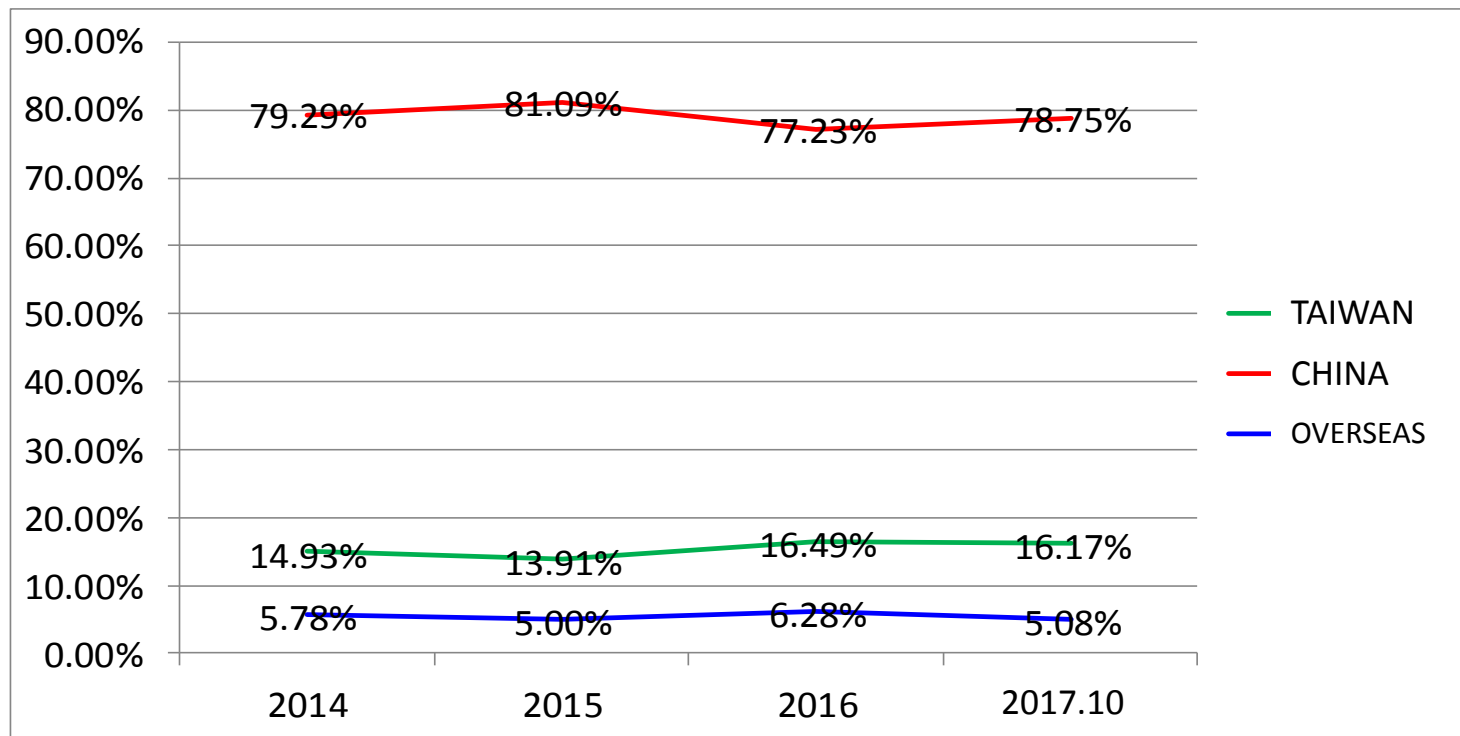




PHONE CASE TESTING



YEAR	2015		2016		2017 JAN - OCT	
INDUSTRY	AMOUNT	%	AMOUNT	%	AMOUNT	%
MACHENICAL EQUIPMENT	541,175	39.59%	468,825	38.23%	449,524	37.78%
ELECTRONICAL	579,668	42.40%	491,074	40.04%	478,014	39.75%
AUTO	71,752	5.25%	68,505	5.59%	78,171	6.50%
FOOD	28,881	2.11%	25,207	2.06%	29,497	2.45%
TEXTILE	55,022	4.02%	66,138	5.39%	71,635	5.96%
PLASTIC	12,838	0.94%	12,556	1.02%	14,193	1.18%
BIO MEDICAL	10,656	0.78%	10,925	0.89%	12,170	1.01%
ENERGY	22,394	1.64%	31,855	2.60%	31,529	2.62%
OTHERS/TRADING	44,676	3.27%	51,325	4.18%	37,833	3.15%
TOTAL	1,367,062	100.00%	1,226,410	100.00%	1,202,566	100.00%





- 31 Offices
- 9 Sales Point in China
- 3 Offices in Taiwan

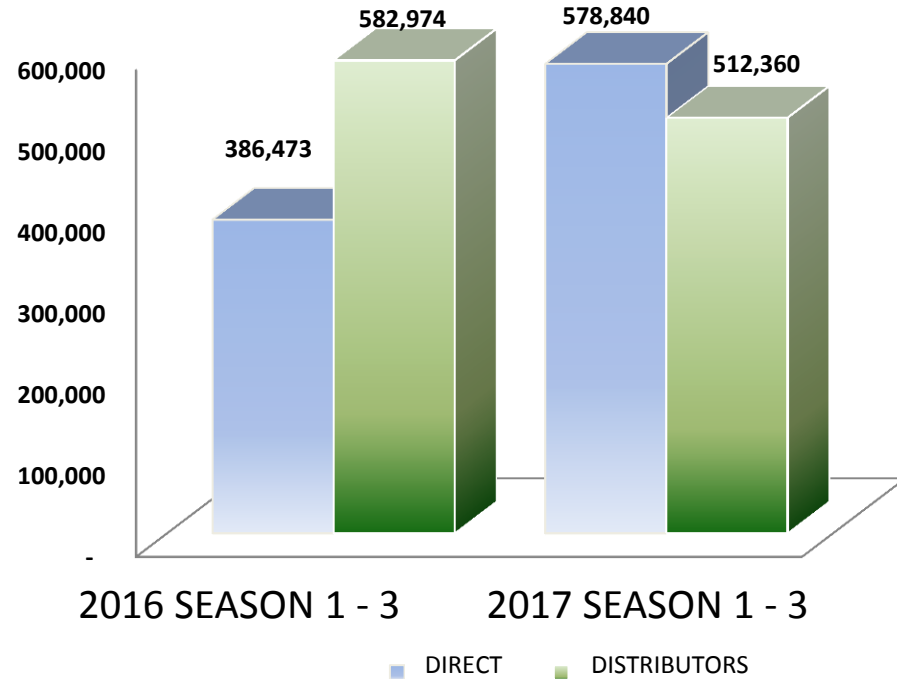


DIRECT VS DISTRIBUTORS

CURRENCY : NTD

	2016 SEASON 1 - 3		2017 SEASON 1 - 3	
	AMOUNT	%	AMOUNT	%
DIRECT	386,473	39.87%	578,840	53.05%
DISTRIBUTORS	582,974	60.13%	512,360	46.95%
TOTAL	969,447	100.00%	1,091,200	100.00%
DIRECT OFFICES	35 OFFICES		43 OFFICES	
DIRECT ACCOUNTS	3651 CUSTOMERS		4324 CUSTOMERS	

The direct operation offices with 2017 sales strategy brings good performance. The direct sales proportion 53:47 which increase 49% in sales





We pass “**A+ Industrial Innovation R&D Program**” audit and obtain 1,670 million grants and starts from May 1st, 2017.

Current development scope:

A.To develop the air consumption pressure and controlling

B.High efficiency vacuum system technical development

C. Digital electronical proportional valve with Internet of things

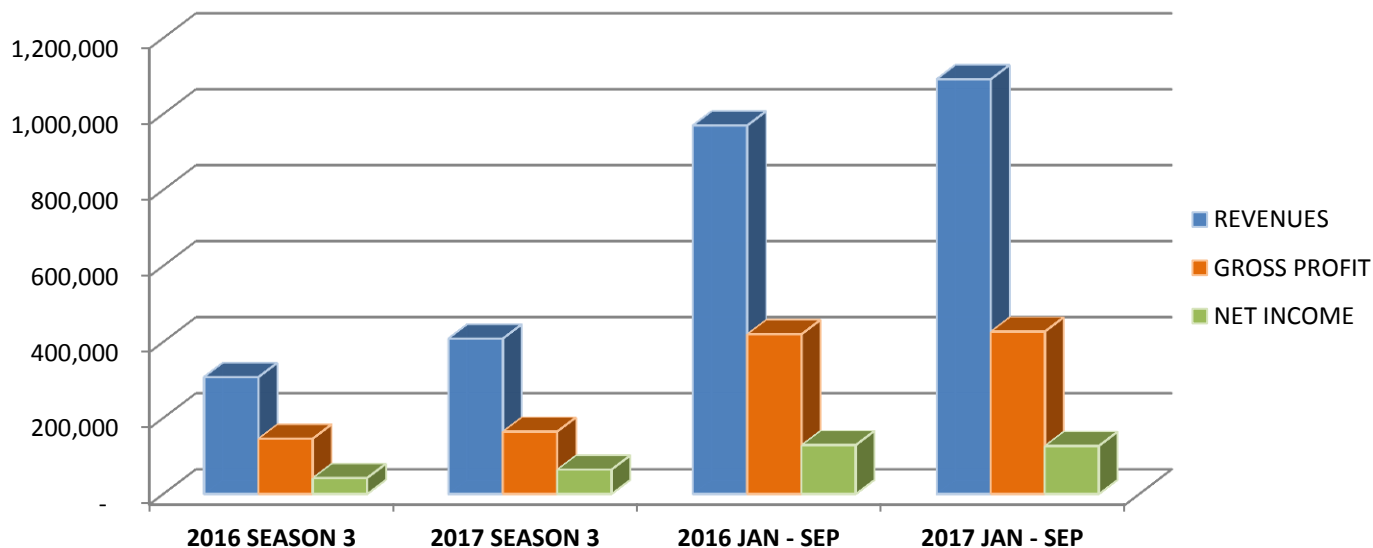
R&D manpower

From	PhD	Master degrees	Bachelor degree	College degree	Total
2017 SEP.	3	12	15	8	38

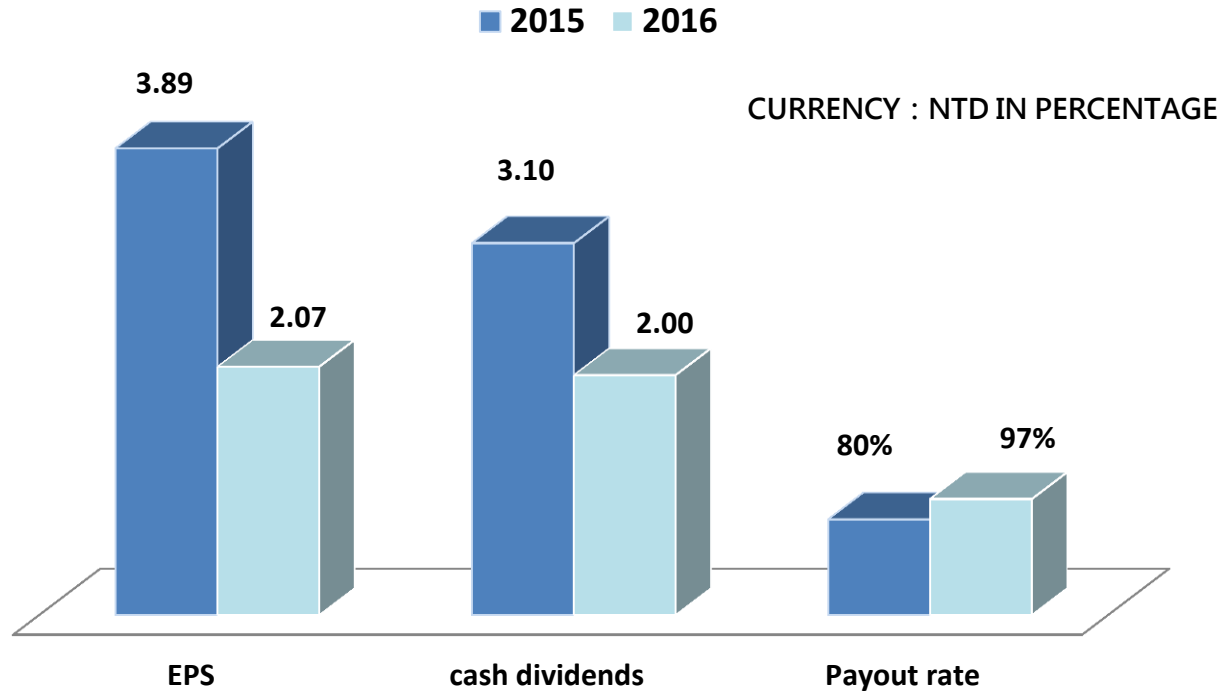
REVENUE, GROSS PROFIT AND PROFIT

	2016 SEASON 3	2017 SEASON 3	2016 JAN - SEP	2017 JAN - SEP
REVENUE	307,327	408,514	969,447	1,091,200
GROSS PROFIT	145,391	164,015	420,137	426,902
NET INCOME	41,884	63,941	128,448	126,202

CURRENCY: NTD



Dividend Payout Ratio



FUTURE TARGET AND PLAN

1. Purchase and build a new plant to integrate supply chain for production
 2. To grasp the trend of Industry 4.0 and big data in order to develop updated designs.
 3. To implement more automated equipment to enhance and increase production capacity.
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Investment plan and content

- **Land and Construction**
 - We acquired about 63 mu of state-owned land at Pinghu area and established Chelic (Zhejiang) Co., Ltd. In the July,2017. At the time, we had overall planning and expected the first phase of construction of about 23,000 square meters will be completed in early 2019. Second phase of construction subject to availability .
 - **Mergers and Acquisitions BANGYE operating assets**
 - Chelic Shanghai Invested 18% stake in the Shanghai Bangye Pneumatic and Hydraulic Components Co.Ltd. (Shanghai bangye) and established new company of Zhejiang Bangye Technology Co. Ltd. in the August,2017; beginning to buy all the working assets (including equipment, inventory, mold, client, trademark etc.) of Shanghai Bangye in the same year in October. Besides, Wu Bangyi, the largest shareholder, invested 20% of the shares and served as manager.
 - **Seeking other strategic alliances with potential companies**
 - Continuing look for upstream and downstream related industries which have high quality. To be provided by forward-looking manufacturers with maximum support for technology and products. Negotiate the possibility of cooperation and join the project. Achieve the goal of sharing profits together
-

Investment necessity and benefit

A. Increase production capacity, increase consolidated revenue and profit of the Group

A-1 33 million to buy 80% of management power of Bangye, the future can be increased group's revenue and profit steadily every year.

A-2 The second phase of the project will increase the Group's interest with more quality companies in Pinghu.

B. Vertical integration plus reduce costs

B-1 Mode, die casting, and outsourcing part of gold processing can be vertical integration through this investment project.

B-2 Labor, electronic cost etc. in Pinghu cheaper than Shanghai at least 30%.

C. Acquired a process license that Shanghai no longer need to approve

C-1 Anode

C-2 Paint process

C-3 Die-casting

D. Across to other industries beyond aerodynamic industry

Cut through the die-casting mold into other industries --- especially the automotive industry

CHELIC®

2017 NEW PRODUCT LAUNCH



*Electronic
Regulator
CVTR Series*



FEATURES

- ✓ Main body is analyzed and certificated by University-Institute(Simulate Visualization)
- ✓ Single electrical control module
- ✓ High definition monitor
- ✓ Simple and easy setting
- ✓ Common Specification and substitute easily
- ✓ Comply with ISO6358

SUBSTITUTIONS

SMC

ITV2000 SERIES

ITV1000 SERIES

ITV3000 SERIES



CKD



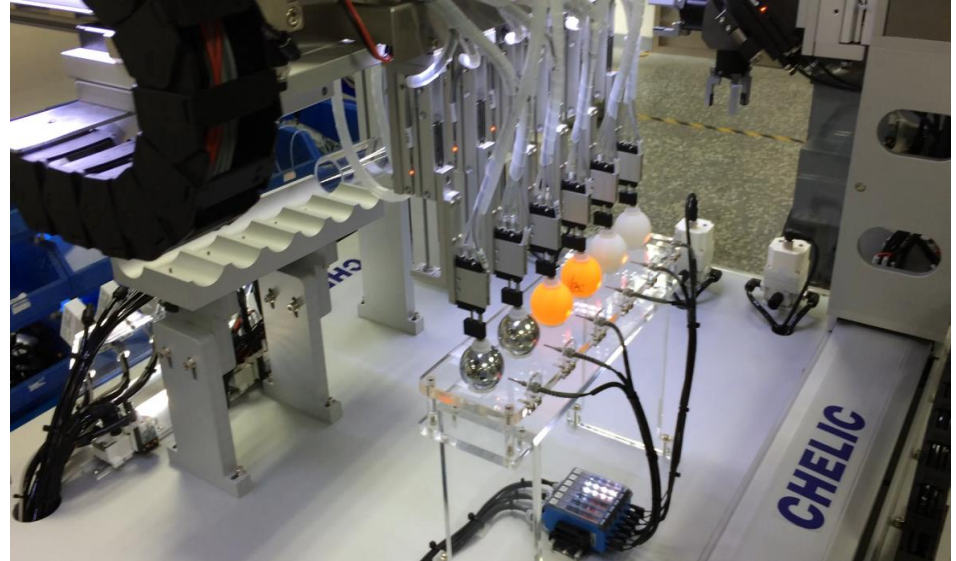
ADVANTAGES

- ✓ Adjust continuously for pressure and flow
- ✓ Components and manpower reduction
- ✓ Remote control and process control

APPLICATIONS

- Pressure control for executive components ----->
- Clutch control
- Pressure testing device
- Speed control for lifter
- Pressure control for buffer of punch machine
- Tension control for lapping machine
- Pressure control for balancer

2017 China International Industry Fair
CHELIC Demonstration



***FC-Series
Small size flow sensor***



FC flow sensor can adopted in mechanical, auto, measure equipment, tools, precision equipment, production equipment and semi-conductor industry widely.

APPLICABLE FLUID

- Dry air, N₂, Ar, CO₂

CHARACTERISTIC

- Fluid flow controlling
- Welding fluid controlling
- Fluid flow confirming Leak checking
- Purging flow monitoring
- Adsorption checking

TWO SCREEN & TWO COLOR OF DIGITS



主畫面

輔助畫面

*畫面可雙色顯示

SPECIFICATION

- Flow range 0.5L~1000L
- Within ± 3 F.S
- Temperature ± 0.2 F.S/ $^{\circ}\text{C}$ (Standard 25°C)
- Reputability ± 1 F.S



台灣精品 2016
TAIWAN EXCELLENCE



HDQ Series
氣動機械夾爪
GRIPPER

ER Series
精密調壓閥

PRECISION REGULATOR



RMF Series
回轉氣缸

ROTARY CYLINDER



EVM Series
真空控制閥

VACUUM EJECTOR



台灣精品 2017
TAIWAN EXCELLENCE

ERP Series
直動式精密調壓閥

PRECISION REGULATOR



RMZ Series
迴轉機械夾

ROTARY GRIPPER



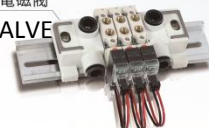
MRY Series
磁偶式無桿汽缸

RODLESS CYLINDER



SF Series
聯座型電磁閥

SOLENOID VALVE



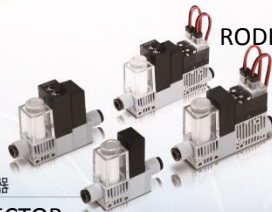
PRU Series
機械接合式無桿汽缸

RODLESS CYLINDER



VK Series
模組化真空發生器

VACUUM EJECTOR





台灣精品 2018
TAIWAN EXCELLENCE

RBZ Series 迴轉機械夾
ROTARY CYLINDER



MDQ Series
附滑軌型滑台氣缸
SLIDE TABLE CYLINDER



SKB300 Series
直動式電磁閥
DIRECT ACTIVE VALVE



RTL Series
90°換向模組
ROTARY CYLINDER

RMT Series
180°換向夾持缸
ROTARY CYLINDER



ERX Series
節能型精密調壓閥
PRECISION REGULATOR

SKV507 Series
直動式電磁閥
DIRECT ACTIVE VALVE



VQ20 Series
節能型真空發生器
VACUUM EJECTOR

Q & A