

顾客至上！诚信经营。追求卓越，协创未来！



青岛協创電子有限公司

Qingdao Xiechuang Electronics Co., Ltd



concept :

honest/unity/innovation/concision/dedication/Co-prosperity



Jeep



Target:

Do our best to be the top-class motor component supplier.



List

- 1 •-----• **Company Summarize**
- 2 •-----• **Customer and product introduce**
- 3 •-----• **Philosophy/Structure/Personnel**
- 4 •-----• **Workshop Introduce/operating performance**
- 5 •-----• **Cultural/Honor achieved**





Company Brief Introduction

Qingdao Xiechuang Eletronics Co.,LTD, to be a domestic enterprise was set up in 2006. Invest 2 million at first building period.

(Invest 20 million by now)

Mainly operating scope:

- ①**Mold design and manufacture,**
- ②**Plastic component injection**
- ③**Plastic component process**
(Spray/Print/Laser/Vacuum)
- ④**Motor and electronics product assemble**

To get a better develop speed, company gathered number personnel who worked more than 5 years in Japanese company, and achieved a great lean management.

Chasing the satisfaction of customer and employee are the target of company.

The core competing will be mold manufactory、injection and high difficulty processing.

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目录

- 1 Mile stone: first phase (2006 – 2011) entrepreneurial stage
- 2 Mile stone: second phase (2012 - 2016) growth stage
- 3 Mile stone: third phase (2017 ~) development stage





First phase: entrepreneurial stage (survival)



2006.3

Company set up ▶

March, 2006 , register company, decorate workshop, recruit and training employee.

2006.05

First customer (Hengze yu)



2007.11

System audit & new customer

ISO9001 (Quality system);
ISO14001 (environment system)



2008.

New customer (Minji electronics)





First phase: entrepreneurial stage (survival)



2009.03

New customer (Shuanglin) ▶

N300 product mass production start (SGMV)



2010.11

Auto spray line set up ▶

(investment 2 million)

2011.04

New customer (Panasonic) ▶

Pass the audit from Panasonic,
spray product start to mass
production



Second phase: growth stage



2012.06

New customer (LS)

LMC、A108 project start to mass production)



2013.01

New customer (Bitron)

B753, AUDI A3 project start to spray



2013.03

New project (LS P32R)

P32R project used for Nissan vehicle start to produce.



Second phase: growth stage



2013.06

Invest for new equipment ▶

Injection and print workshop move to new site, add assemble workshop, spray line set up (invest 1.5 million)

2013.11

New customer (Dong Ah) ▶

Pass Dong Ah audit, SUV start to mass production

Pass TS16949: 2009 system audit (NSF--AQA)

2014.06

New project (LS) ▶

Pass LS SUBARU audit, start to mass production



Second phase: growth stage



2015.01
-2016

◀ Training



Proceed Ameba training, assessment according to the Ameba unit hour value.



Second phase: growth stage



2015.11

◀ New plant assignment

Assign the contract with new plant,
decorate the workshop.

2016.04

Invest for new plant ▶

Adjust the new spray line in new plant
(possess 4 spray line including old plant)

Second phase: growth stage



2016.6

Move to new plant

2016.11

Invest for new equipment

Vacuum line adjust, add reciprocator.
(possess 4 spray line in new plant)



Third phase: develop stage(A decade)

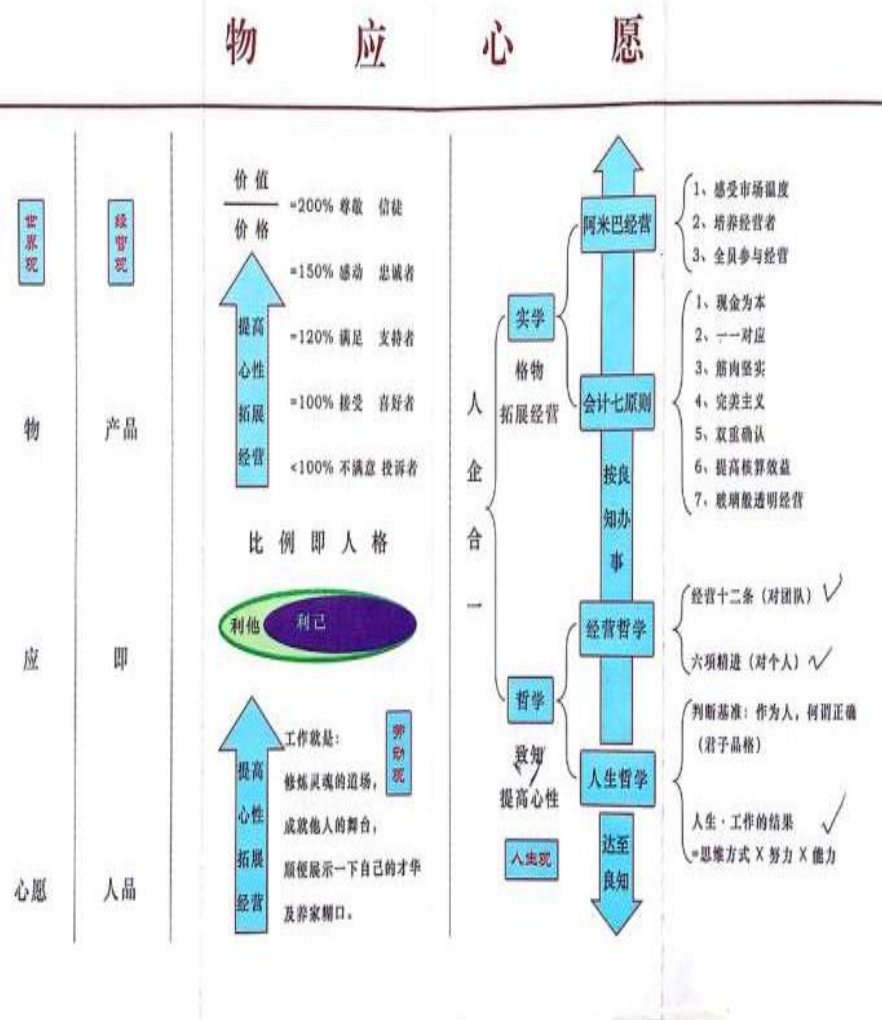


致良知
稻盛和夫

2013年10月15日，
稻盛先生在成都接受CCTV采访：

主持人：
您从中国古典思想中学到了什么？

稻盛先生：
最核心的一条就是“致良知”，
就是达至良知，按良知办事。
“良知”在日本叫“良心”，
用我的话叫“真我”，
真正的我就是“良知”。
遵循良知判断事物，
我认为这是绝对性的东西。
到达良知的境界，将良知付诸实行，
就是至今我所有事业成功的最大的原因。
这是我在中国的典籍中最早学到的智慧。



2017.1

Training for the Dao sheng philosophy

2017.10

New customer: Kuni-star
New customer: MITSUMI



Mainly customer and product introduce

-----Qingdao LS Automotive Company (start cooperated from 2012)

NISSAN



NISSAN TEANA
P32R (FRAME)

NISSAN



NISSAN Cima
L42N/L12M

NISSAN



NISSAN Cima
P32R 17MY/B12P

Infinity



Infinity-P71A (Knob)

Mainly customer and product introduce

-----Qingdao LS Automotive Company (start cooperated from 2012)

Mitsubishi



Mitsubishi - MMC-RE
(IP/PW Knob)

SUBARU



SUBARU- VL9

Hyundai



Hyundai NP/NU
(RMC Knob)

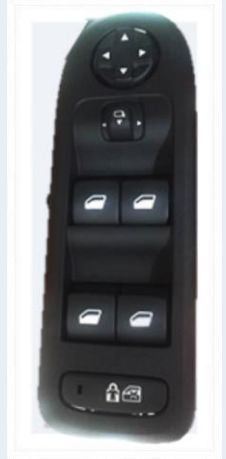
KIA



KIA QLC/QMC
(HAZARD Knob)

Mainly customer and product introduce

-----Bitron Ind. China Co.,LTD (Start cooperated from 2013)

BENZ	AUDI	VW	TESLA	DFN/Peugeot/Chevrolet	FIAT	LADA
	 Audi					
 	 	 	 	 		
DAIMLER (E-class start-stop button)	AUDI A3/Q2 (IP KNOB)	VW/SKODA (Rear Housing Button)	MODEL X MODEL 3	DFM / Peugeot/Chevrolet (IP Knob)	JEEP (Compass&Rene gade	LADA (Steering wheel Knob)

Mainly customer and product introduce

-----Dong-Ah Automobile Fittings Co., Ltd

(Start cooperated from 2013)

Hyundai



Hyundai-TLC
(Panel Assy)



TLC-Processing product

Hyundai



Hyundai-LFC
(Panel Assy)



LFC-Processing product

Hyundai



Hyundai-GCC
(Panel Assy)



GCC-Processing product



KIA



Hyundai-KCC
(Panel Assy)



KCC-Processing product



Mainly customer and product introduce

-----Dong-Ah Automobile Fittings Co., Ltd

(Start cooperated from 2013)

Hyundai



Hyundai-LFC-PE
(PANEL ASSY)

Hyundai



Hyundai-GCC-PE
(PANEL ASSY)

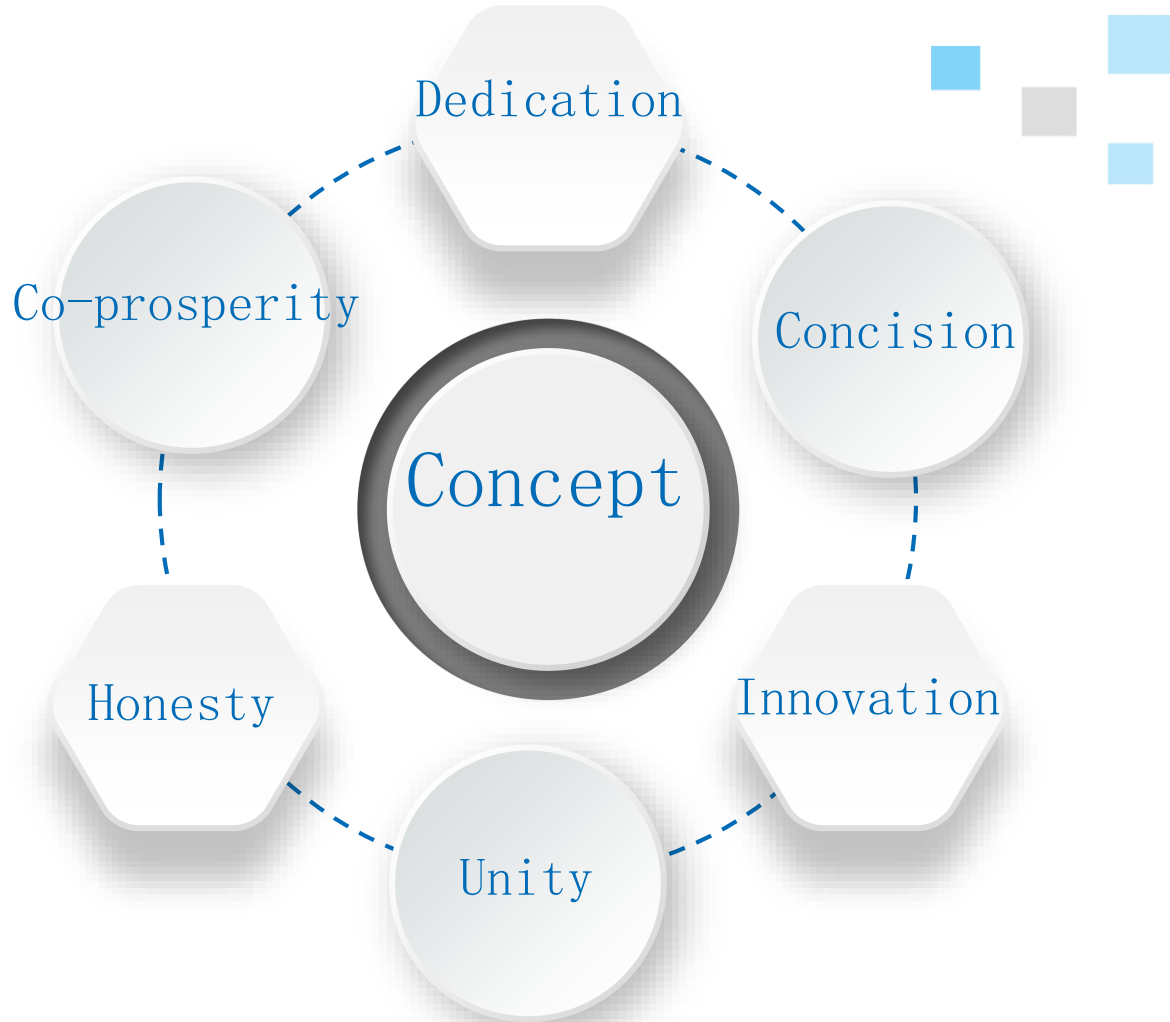
KIA



Hyundai-QMC
(PANEL ASSY)

Above products are developed by our company

Supplier: Jin Shenghe, Jiahe Zhiyuan, MUYE

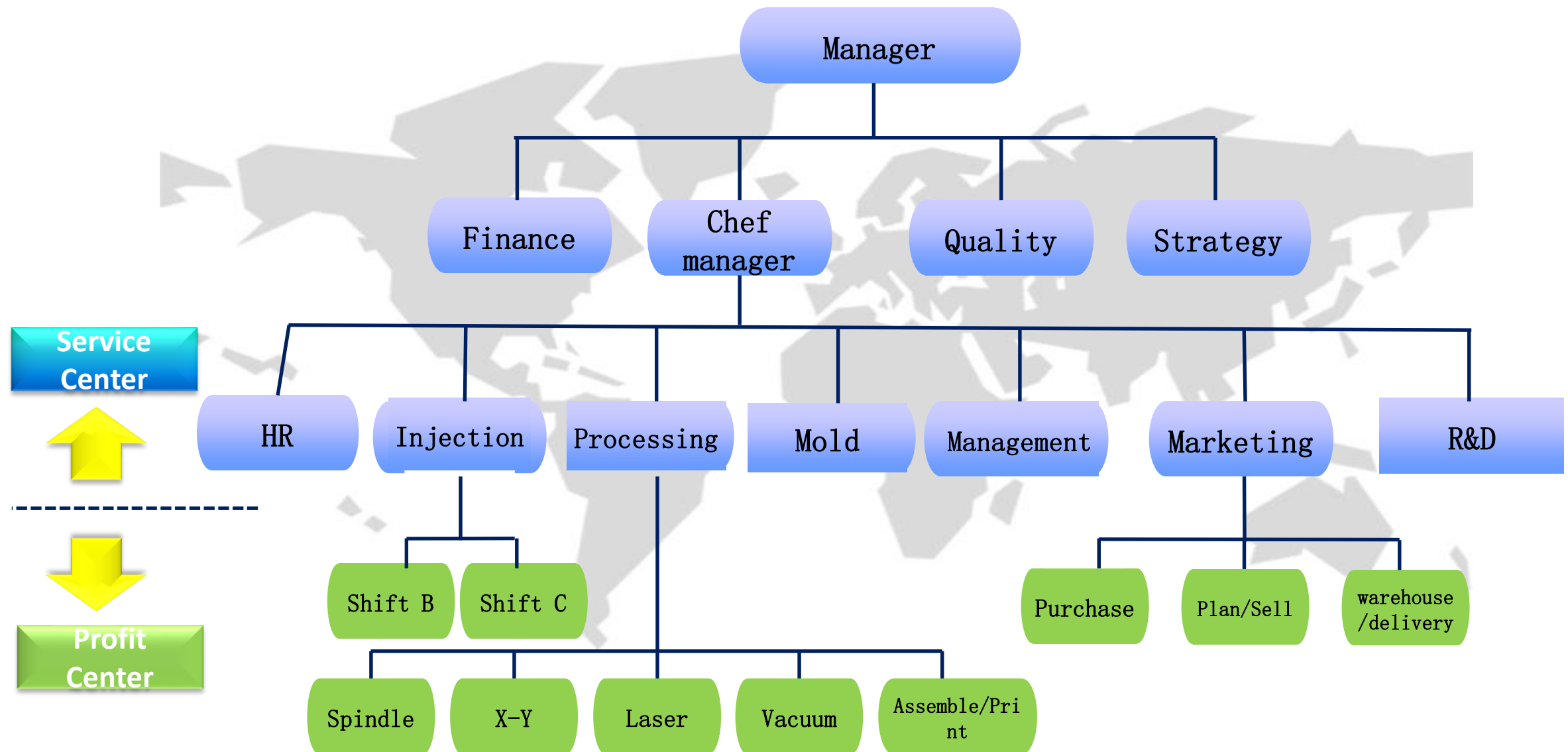


Vision:

Chasing happiness for material and immaterial of all employee, and devote to society development.

- 1、 Achieving top technical constantly, meet customer needs and become stronger with customer.**
- 2、 Stay hungry and keep proving service quality by innovation.**
- 3、 Employee satisfaction make customer satisfaction, we fight for both.**
- 4、 Improving competitor by high technique, develop company by diversified strategies.**

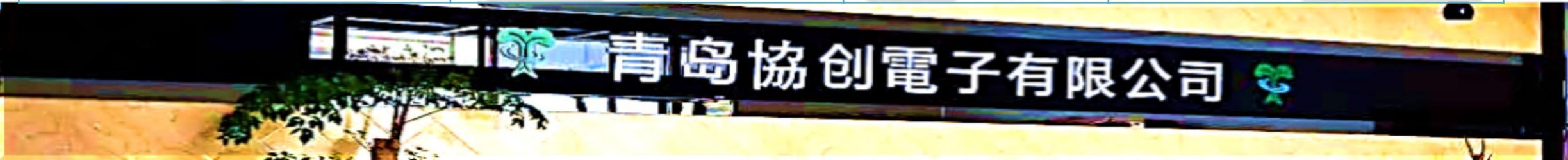
企业构架Enterprise



人员配置



NO	Division	Number	Percent	Memo
1	Managerial position	15名	6.5%	Including section chief
2	Indirect labor	50名	21.7%	Office labor、driver and technique
3	Quality	16名	7%	Quality personnel besides managerial position
4	Operator	129名	56.1%	Workshop operator
5	Mold	20名	8.7%	Mold related personnel(Add 3-5 mold design employee)
合计		230名		





Workshop introduce---Mold

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Mold List

Item	Version	Manufacture	Qty
Taiwan Yong He CNC	850	Shandong	1
Sheng Feng CNC	650	Guangdong	1
Grinding Machine	618	Jiangsu	2
Yong He Miller Machine	4号	Shandong	2
WEDM	AQ400LS	Japan	2
EDM	450	Jiangsu	2
Laser Welding		Germany	1
Spare machine	Spare Machine		
Electric Tapper	ZH-D201S	Guangdong	1
CNC Processor	JDCT600E	China	1
GF Mirror EDM	FORM E 350	Joint Venture	1

Purchased in 2017

2017 invest for mold: 5 million•

Equipment purchase plan: CNC, wire-electrode cutting, EDM

2018 Equipment Purchase Plan

Item	Version	Manufacture	Qty
CNC Processor	Makino V33i	China	1
Mirror EDM	SODICK AG40Ls/LN2	Sodick	1
CMM	GLOBAL CLASSIC SR 05.07.05	Hexagon	1
WEDM	Sodick ALN600Gs/SPW	Sodick	1
Miller machine		Taiwan	2
Grinding machine	618S	Taiwan	2
Plan to purchase in June, 2018			

Cooperate company:

牧野集团

青岛佳和致远塑胶模具有限公司



Mold apartment--2018 invest plan—purchase finished in June

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CNC Makino V33i 1 set



Sodick wire-electrode cut 1 set



Sodick mirror EDM 1 set



618S Grinding Machine 2 sets



Miller Machine 2 sets





Equipment List——Injection

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Sadick

20T~160T electric: 7



Elite

40T common: 2



HaiTian

160T~250T double color: 5
90T~328T common: 7



Welltec

90T~160T common: 3

Ton	QTY	Amount
20T	1台	600,000
40T	2台	900,000
100T	2台	1,200,000
120T	1台	1,200,000
160T	1台	1,300,000

Ton	QTY	Amount
40T	2	280,000

Ton	QTY	Amount
250T双色	2	900,000
160T双色	3	1,140,000
328T	1	300,000
320T	1	320,000
160T	2	360,000
120T	1	150,000
90T	1	130,000
VE600电动	1	270,000

Ton	QTY	Amount
130T	1	150,000
90T	2	280,000

Total: 24台

2018 injection purchase

Plan: 2.5 million

Double color equipment: 2

Electric injection equipment: 3

Common inject equipment: 2

*investment
amount: 9.48
million by this
year*



Workshop introduce-----Injection

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**Injection workshop (equipment:
共24台)**



**Cleaning injection workshop
(cleanliness class: 0.1 million)**



**Material warehouse (constant
temperature and humidity)**



**Measure computerized wireless
system**



Specified mold management



Mold repair site





Workshop introduce-----processing workshop

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X-Y line (cleanliness: ten thousand)



Spindle line (cleanliness: ten thousand)



Vacuum (cleanliness: ten thousand)



Print (cleanliness: hundred thousand)



Laser



Assemble (cleanliness: hundred thousand)





Workshop introduce----- Vacuum

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Invest amount: 7 million RMB

Cleanliness class: ten thousand

specialist:

- vacuum machine: 1台 eco; no pollution
- new painting room: 2 spindle lines
1 X-Y line
- Triaxial auto painting system: store
process/short adjust time/rigidity
multi-angle painting/coating even
high efficiency/capacity enough
- capacity: 5.8 million/month (button)





Warehouse

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Characteristics:

- visual board manage, reduce mistake rate and improve efficiency
- operate ERP system, improve efficiency
- goods exit and entrance with dust-off door



Test equipment

---- purchase America/Japan/Korea equipment to ensure the test accuracy

High/ low temperature



Constant tem. And humid



Dimensional measure



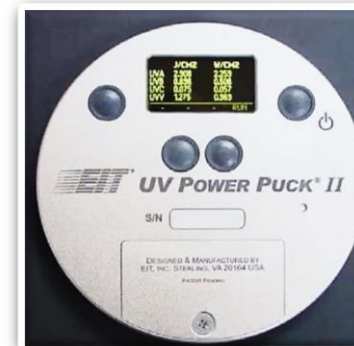
Color test



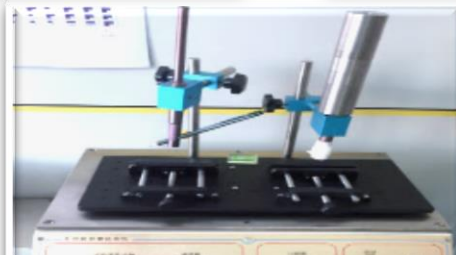
Gloss test



UV energy test



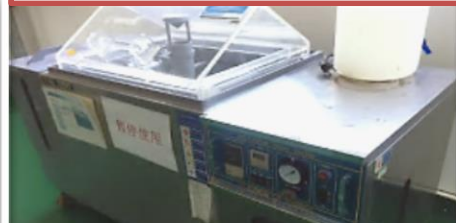
thermostat-controlled waterbath



Multi-function Abrasion resistance equipment



Abrasion resistance equipment



Salt fog test

2018 purchase plan



超景深三维显微系统
VHX-5000

0.7 million



Good brown & sharpe
Inspector
桥式三坐标测量机

0.7 million

Equipment for environment protect

Invest amount: 2.3million
Operate expense:50
thousand/month

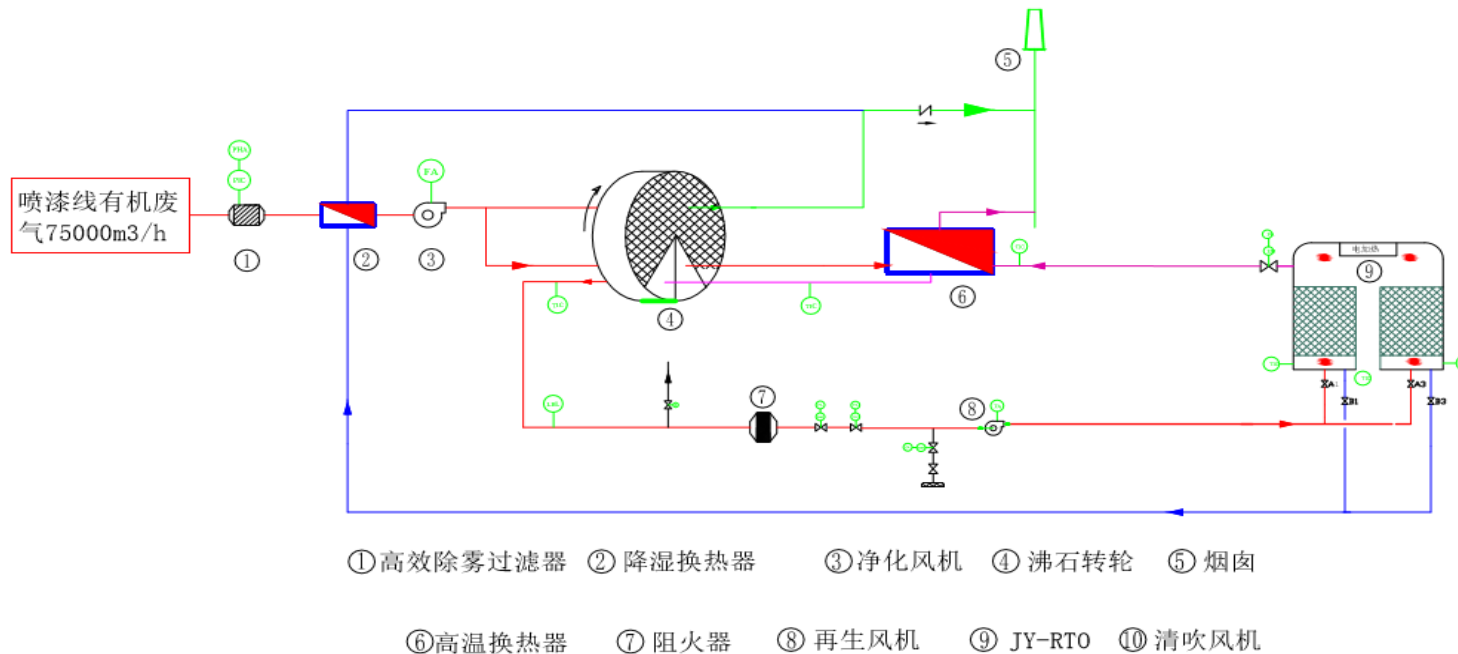
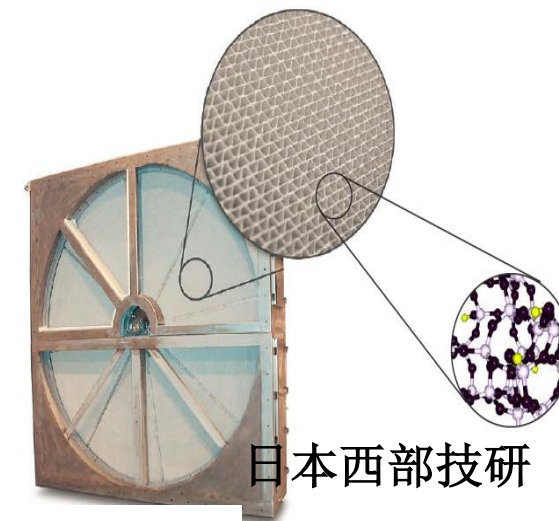
effluent gas treatment

- swiveling wheel absorption technique
- catalytic combustion system

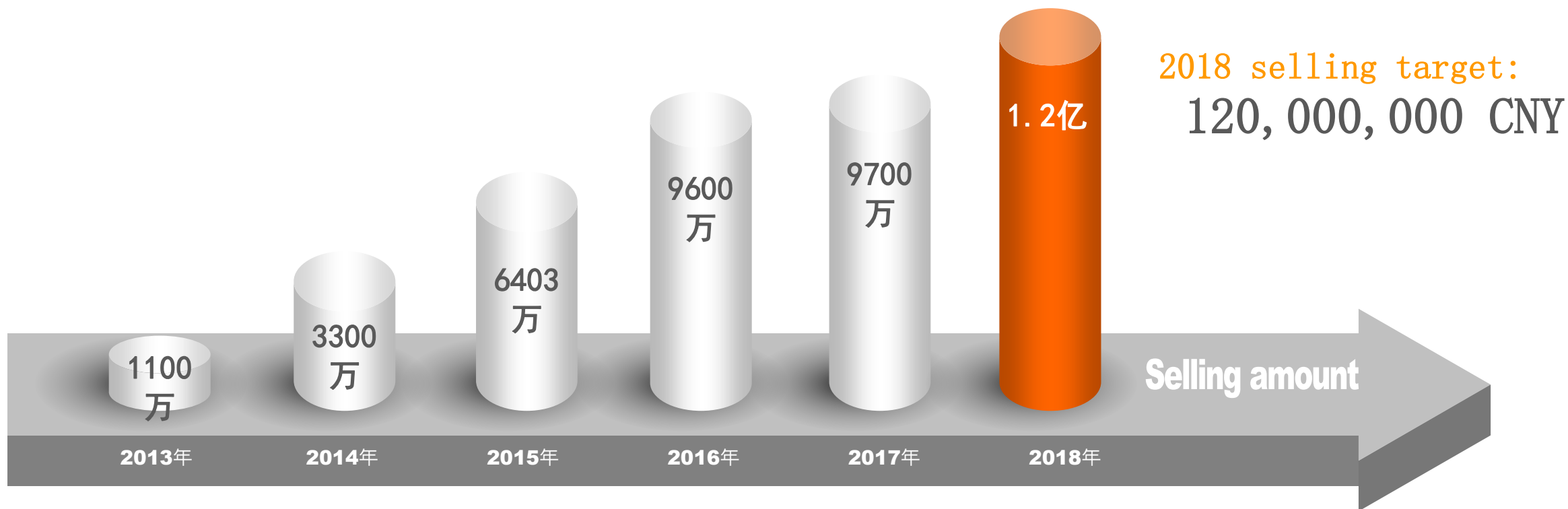
Fulfillment of social
responsibility!

Protect

environment!



经营业绩 Manage Performance



2013年销售额	2014年销售额	2015年销售额	2016年销售额	2017年销售额	2018年销售额
1,100万	3,300万	6,403万	9600万	9700万	12000万



Cultural and activity

美丽来自选择的真谛，我们为您，创享·品质·生活！

愿景：在追求全体员工物质与精神两方面幸福的同时，为社会的进步发展做出贡献！



强化教育培训：

继续以日本经营之圣稻盛和夫先生的稻盛哲学和中国传统圣贤文化为教育资料，引领全体员工开展旨在提高心性的教育。追求卓越，协创未来！向着“追求全体员工物质和精神两方面都幸福，同时与合作伙伴互惠共赢，共同为社会发展做贡献”的幸福型企业而努力！

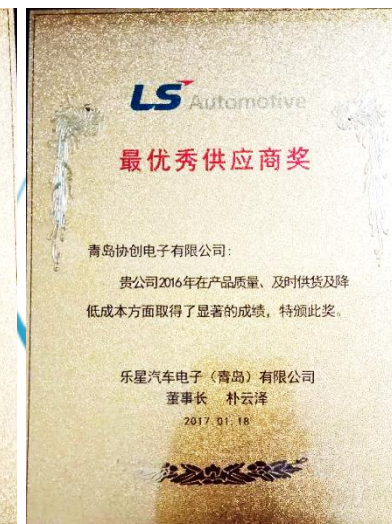


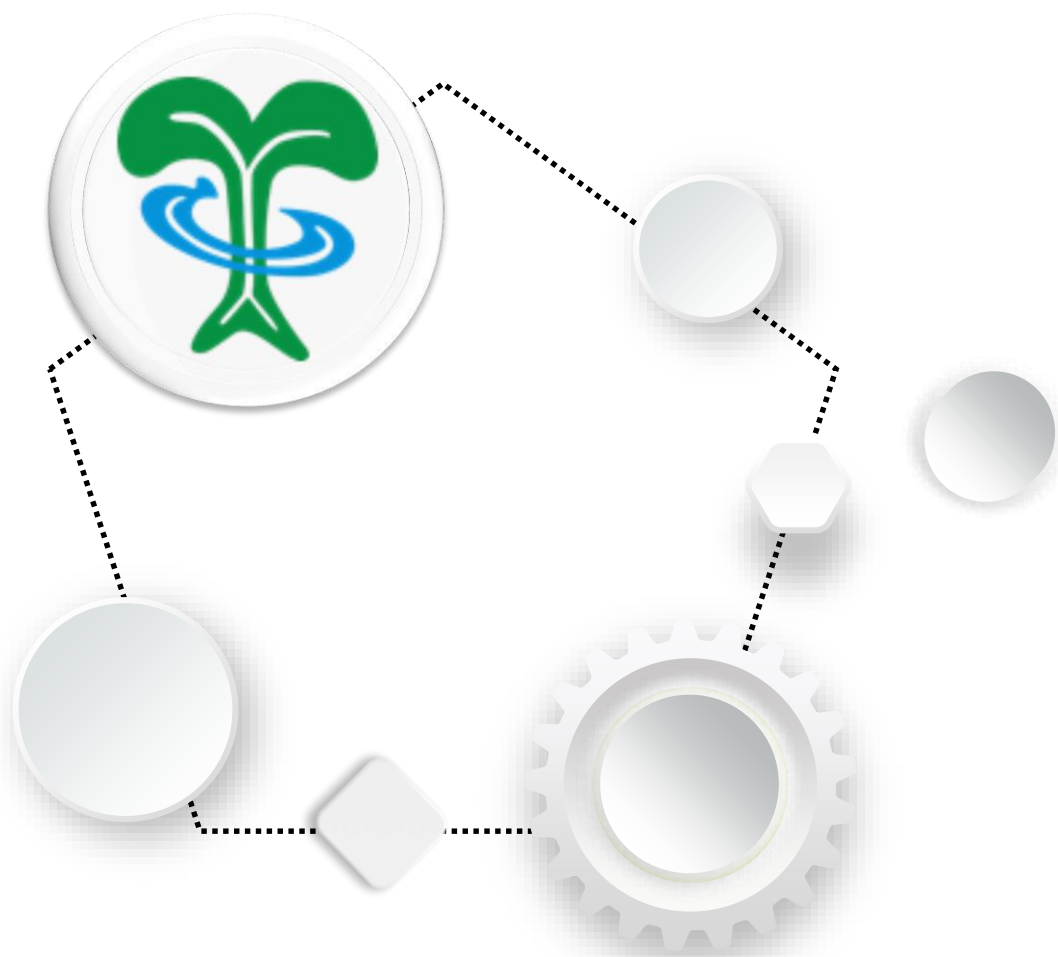
Cultural and activity

美丽来自选择的真谛，我们为您，创享·品质·生活！



Qualifications & Honor





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