

Company Profile

Shenzhen Sanchine Mold Co., Ltd.



Company Account



Company Website

--Moving Customers with QUALITY--

CATALOG



① Company Profile



② Sanchine Shenzhen Headquarter



③ SanchineVietnam Branch



④ SanchineThailand Branch



⑤ Parts&Service



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① Company Profile

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●Shenzhen Headquarter



●Vietnam branch



●Ningbo branch



●Thailand branch

◆Company Profile

Shenzhen Sanjing Mold Co., Ltd. is a professional Mold manufacturing company established in 2004. Headquartered in Shiyan, Shenzhen, China, it has branches in Vietnam, Ningbo and Thailand, and currently has a total of about 600 employees. The company focuses on the design and manufacture of high-precision plastic mold and is a "national high-tech" enterprise. The company's products cover multiple fields, including automotive parts, precision printer components and household goods Molds. The products are mainly sold to Southeast Asia, Europe and the United States.

Sanjing Company will continue to be committed to the innovation and production of high-precision plastic Molds, and continue to provide customers with high-quality services and Mold products.

◆Company Advantages

The company passed the ISO9001 quality management system and ISO14001 environmental management system dual certification in 2014, and passed the IATF16949 automotive system certification in 2018. The company has strong R&D technical strength, high-quality professional talents and advanced management mode. With years of design and manufacturing experience and accumulation, combined with customer feedback on mass production mold problems, the company has formulated a relatively complete set of operation management standards. At the same time, the company has fully introduced the E68 mold production management system, which has enabled the company to gain wide praise from domestic and foreign customers in terms of quality and efficiency, and has developed into a mold production enterprise with good management and production capabilities.

❖ **Factory Strogholds**



Shenzhen Sanchine Mold Co.,Ltd.
(headquarter)
Establish Time: August, 2004
Address: Shiyan, Shenzhen



Sanchine (Vietnam) Mold Co.,Ltd.
(branch)
Establish Time: October, 2013
Address: Hà Nội, Vietnam

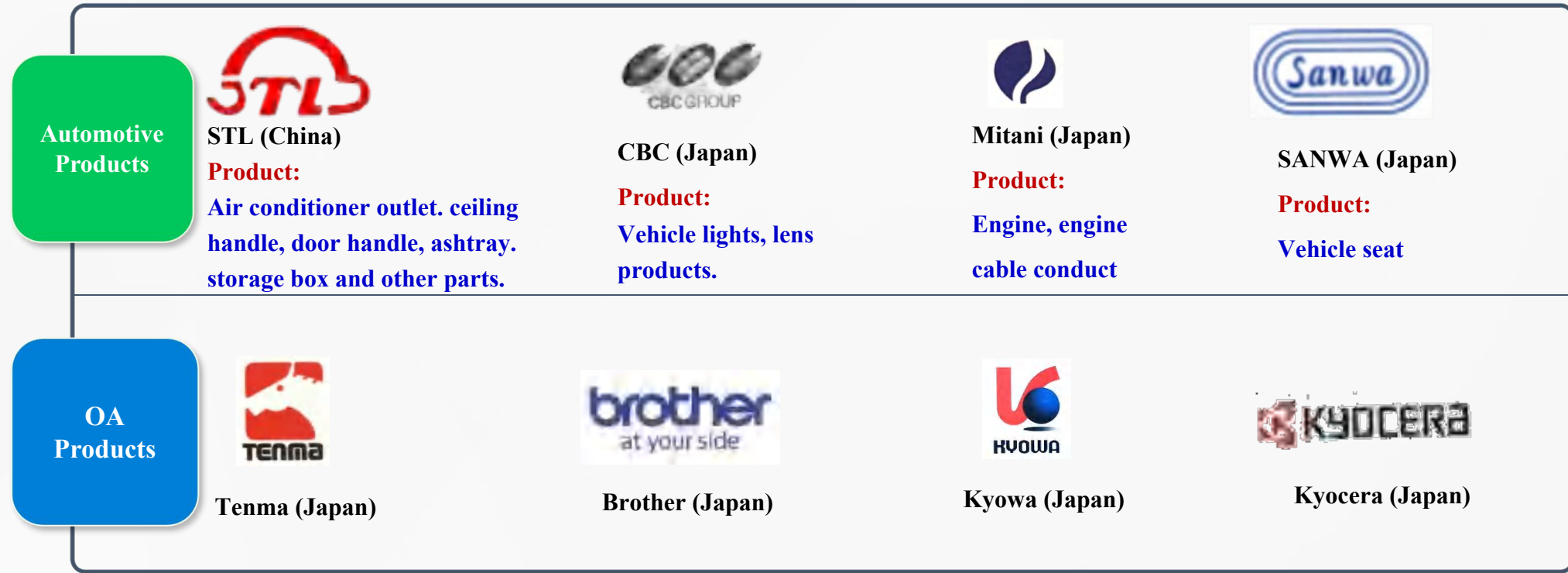


Ningbo Sanneng Mold Technology Co., Ltd.
(branch)
Establish Time: May, 2017
Address: Fenghua county, Ningbo



Sanchine (Thailand) Mold Co., Ltd.
(branch)
Establish Time: August, 2021
Address: Rayong, Thailand

Our customer



Our Speciality: :

◆ Hot runner Mold ◆ Short-cycle Mold ◆ Gas-in Mold ◆ Specular Lens Mold



>Qualification Certificate<



GR201944203127



SZ20211441



IATF16949:2016



Shenzhen:
ISO 9001:2015



Shenzhen:
ISO 14001:2015



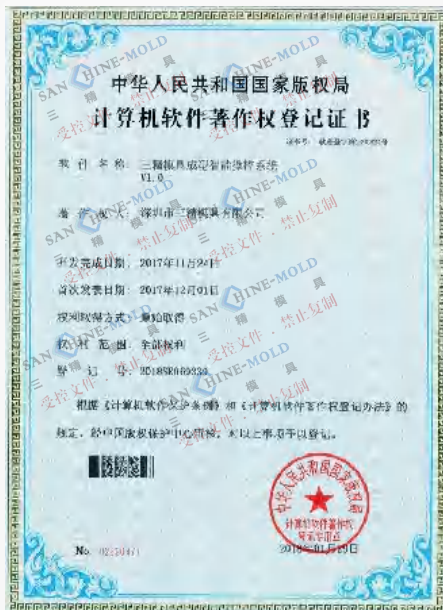
Vietnam:
ISO 9001:2015



Vietnam:
ISO 14001:2015



>Qualification Certificate①<



Patent No.:
2018SR067835

Patent Name:
SC Intelligent Molding
Control System
V1.0



Patent No.:
2018SR069356

Patent Name:
SC Design Data
Control System
V1.0



Patent No.:
2018SR069349

Patent Name:
SC Moldbase Design
System
V1.0



Patent No.:
2018SR065487

Patent Name:
SC Product Molding
and Processing System
V1.0

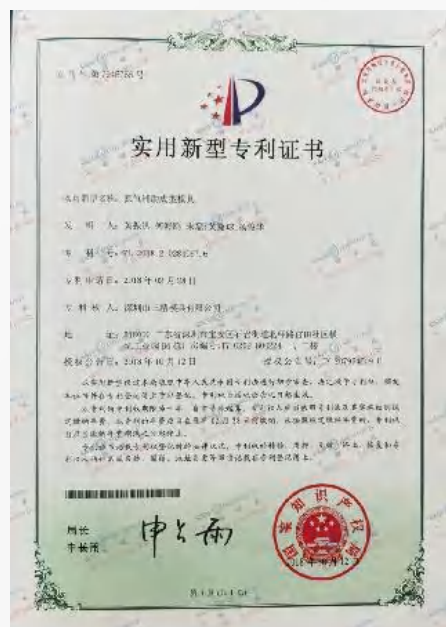


Patent No.:
2018SR067835

Patent Name:
SC Injection Mold
Thermoforming
Control System
V1.0



>Qualification Certificate②<



Patent No.:
ZL 2018 2 0284067.6

Patent Name:
Nitrogen-in Mold



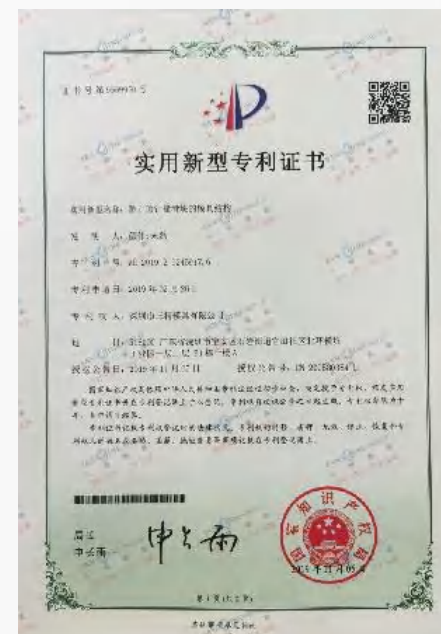
Patent No.:
ZL 2018 2 0271436.8

Patent Name:
Rapid-molding Multi-cavity Mold



Patent No.:
ZL 2019 2 0246002.7

Patent Name:
Large Mold with Manifold



Patent No.:
ZL 2019 2 0245917.6

Patent Name:
Mold Structure Preventing EP from Touching with Slider



Patent No.:
ZL 2019 2 0245944.3

Patent Name:
High-temperature Injection Mold with Heat-insulation Function

» Capacity: Individually complete an integration of Design, Process, Test, Assembly, Try and Delivery.



» **【Max Capacity Now: 1300T】**

Mold Capacity	Processing Time	Quantity daysor Mold-making
1000T ~ 1500T	65 days	8 set
650T ~ 850T	60 days	15 set
350T ~ 550T	48 days	25 set
100T ~ 280T	38 days	28 set
Below 75T	33 days	28 set
■Countermeasures under over capacity of making mold: 1. Parts are processed by sub-contractor 2. Short-term support from Sanchine technicians		

Company Profile [Machinery Equipment]

	ChinaChina		Vietnam		Thailand	
	Equipment Origin	Qty	Equipment Origin	Qty	Equipment Origin	Qty
CNC	Japan	9	Japan	4	Japan	2
	Makino 5-axis (Japan)	1	/	/	/	/
	Makino 3-axis (Japan)	1	/	/	/	/
	Taiwan, China制	2	Taiwan, China	5	Taiwan, China	3
EDM	Sodick (Japan)	3	Sodick (Japan)	1	/	/
	Makino (Japan)	2	/	/	/	/
	Taiwan, China制	2	Taiwan, China	12	Taiwan, China	6
	China	10	/	/	/	/
Wire Cut	Sodick (Japan)	2	Sodick (Japan)	2	Sodick (Japan)	1
CMM	Japan	3	Japan	4	Japan	1
	Swiss	1	Swiss	2	/	/
VMM	China	1	China	2	/	/
Grinder	China	8	China	5	China	3
Milling	China	6	China	4	China	3
Deep-drill	China	2	China	2	China	1
Lathe	China	1	China	1	China	1
Injection Machine	CN Haitian.90t	1	CN Haitian.90t	2	CN Haitian.90t	1
	CN Haitian.250t	1	CN Haitian.160t	5	CN Haitian.160t	1
	CN Haitian.380t	1	CN Haitian.250t	7	CN Haitian.320t	1
	CN Haitian.470t	1	CN Haitian.320t	4	CN Haitian.450t	1
	CN Haitian.700t	1	CN Haitian.380t	8	Total	4
	CN Haitian.1300t	1	CN Haitian.450t	2		
	Total	6	CN Haitian.470t	6		
			CN Haitian.530t	3		
			CN Haitian.700t	1		
			Total	38		

② Sanchine Shenzhen (Headquarter)

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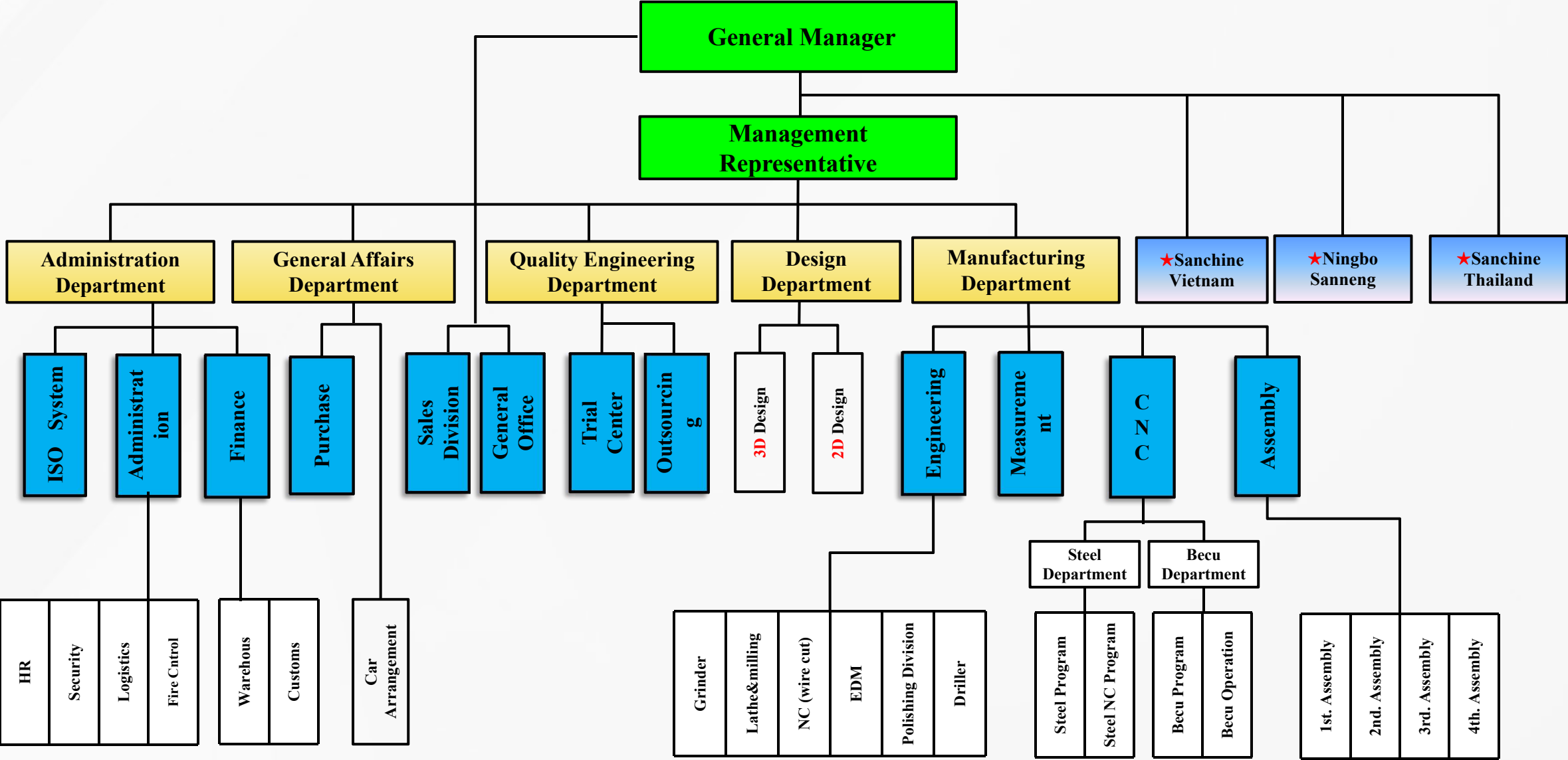
❖ Location

- Sanchine Shenzhen is located in Guantian Huafeng Technology Park, Shiyan Street, Bao'an District, Shenzhen;
- Superior location&Convenient transportation.

❖ Scale

Sanchine Shenzhen covers an area of 6,000 square meters and has more than 200 employees, among which professional and technical personnel account for a high proportion, providing strong talent support for the company's development.





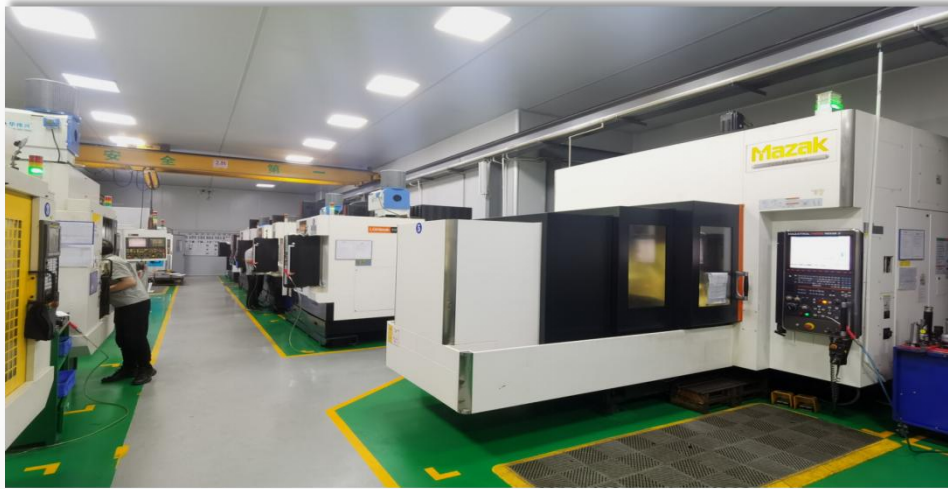


1

Design Head Department

- ❖ Employee: 20
- ❖ 3D design: 14 , Experience: 6 ~ 15 years
- ❖ 2D drawing: 6 , Experience: 1~3 years

- ❖ APP for Design: UG/CAD....
- ❖ UG usage: All designers
- ❖ CAD usage: All designers



2

CNC department

Machine: 13

Employee: 20 (1 clerk)

Program: 9

Machine Operator: 10

Experience: 5~ 10 years

❖ Makino V33i 3-axis vertical machining center 、 Makino V80S 5-axis vertical machining center

Makino V33i 3-axis vertical machining center:

Max tooling stroke: X:650*Y:450*Z:350,

Precision:

Its positioning accuracy is within $\pm 0.0015\text{mm}$ (± 0.000060 inches) and its repeatability is $\pm 0.001\text{mm}$ (± 0.000040 inches), demonstrating extremely high machining accuracy capabilities.

Makino V80S 5-axis vertical machining center:

Max tooling stroke: X:1300*Y:1000*Z: 600,

Part: 1~1.5m medium&large mold,

Tonnage: 1300T or so

Precision:

With high-precision design and advanced spindle and motor systems, the V80S can achieve very high machining accuracy. The specific values (such as positioning accuracy, repeatability, etc.) will vary depending on the configuration and actual application scenarios.。



3

Quality Engineering Head Department

Employee: 16 (1 clerk)

Responsible for automotive products: 5

Responsible for OA products: 5

Outsource Management Division: 5 employees

Experience: 5~ 15 years

No.	Equipment	Origin	Qty (pcs)	Specification (MAX. Measurement Range)
1	CMM	Japan	3	Tokyo SEIMITSU (600X800) 2pcs MITSUTOYO (300X400) 1pcs
2	CMM	Swiss	1	Hexagon (1000X700)
3	VMM	China	1	Yixin (400X300X250)
4	High-precision Projector	Taiwan, China	1	/
5	Height Gauge	Taiwan, China	2	/
6	Thickness Gauge	Japan	1 set	/
7	Block Gauge	Japan	1 set	/
8	Hardness Gauge	Taiwan, China	1	/
9	Micrometer	Japan	2	/

4

Measurement Division (affiliated to Manufacturing Head Department)

Employee: 4

Experience: 5~10 years



5 Assembly Division

- ❖ Employee: 24 (total 4 groups)
- ❖ Experience: Minister: over 15 years

Group leader/manager: over 10 years

Technician: 3~10 years



6

Trial Center (affiliated to Quality Head Dept.)

Machine: 6

Employee: 4

Experience: over 10 years

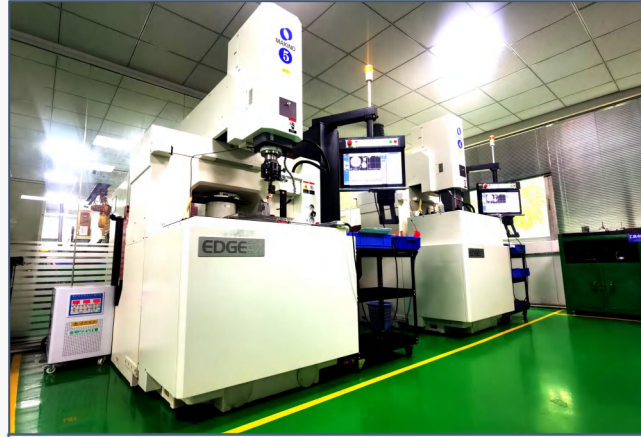
Check the products defect appearance, adjust the injection condition to improve products appearance to satisfy customers' demands.

●Mold Injection Ability (Trial and PO products production)

No.	Tonnage	Origin	Maker	Qty.	Mold Thickness	Distance between Tie Rods
1	90t	China	Haitian	1	150~380 mm	360×360 mm
2	250t	China	Haitian	1	220~580 mm	580×580 mm
3	380t	China	Haitian	1	280~730mm	730 x 730 mm
4	470t	China	Haitian	1	320~780 mm	820×800 mm
5	700t	China	Haitian	1	400~940 mm	960×940 mm
6	1300t	China	Haitian	1	600~1300 mm	1350 x 1280 mm



Department: NC (Wire Cut)
Employee: 3
Experience: 5-15 years



Department: Makino spark machine
Employee: 2
Experience: 5-15 years



Department: EDM Division
Employee: 14
Experience: 2~10 years



Department: Polishing Division
Employee: 11
Experience: 5-22 years



Department: Grinder Division
Employee: 7
Experience: 2~15 years



Department: Miller Divison
Employee: 7
Experience: 2~10 years

③ Sanchine Vietnam (branch)

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❖ Location

- E3-1, Guiwu Industrial Zone
(Development Zone), Fangliufang;
- Superior location&Convenient
transportation

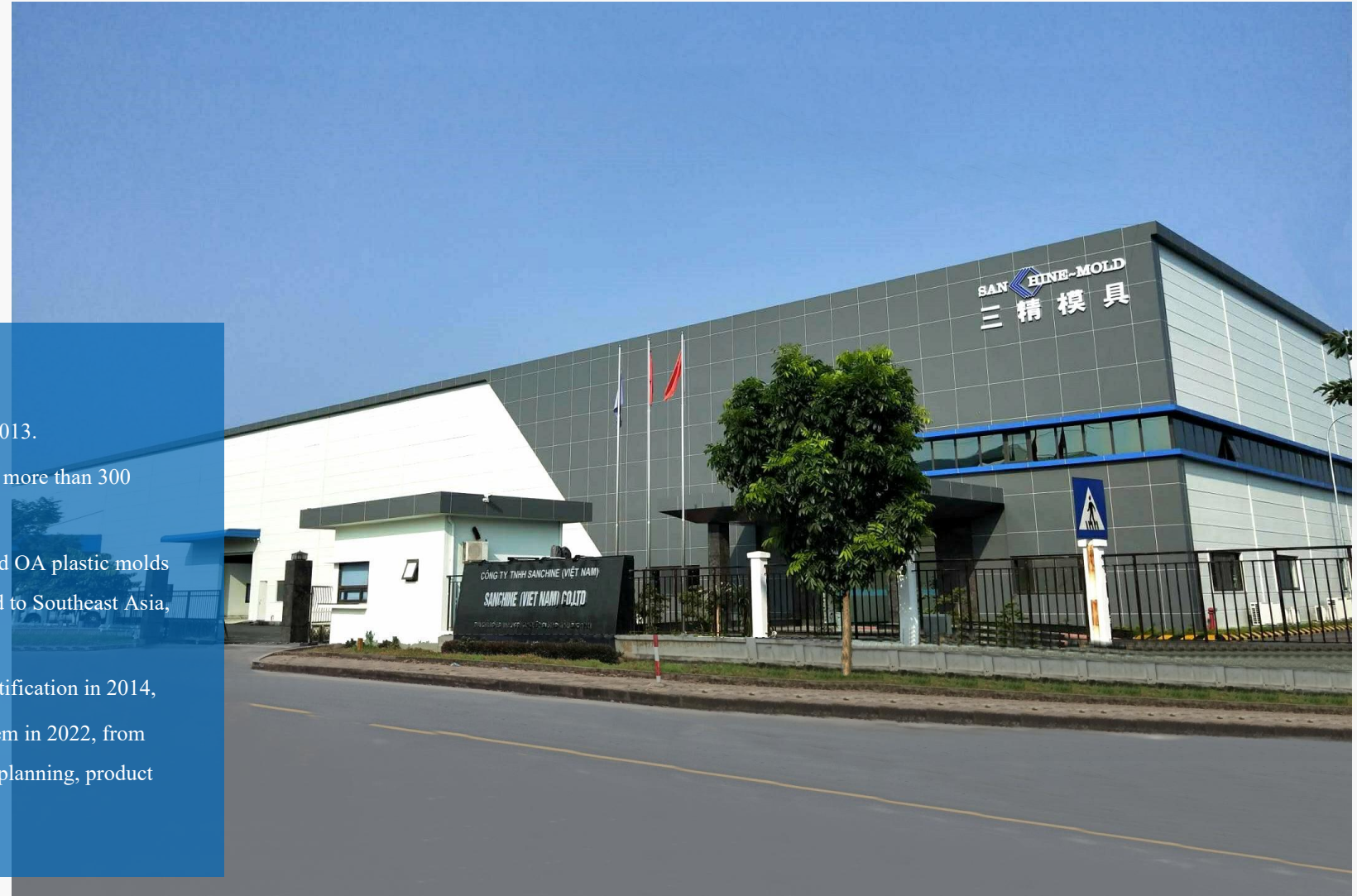
❖ Scale

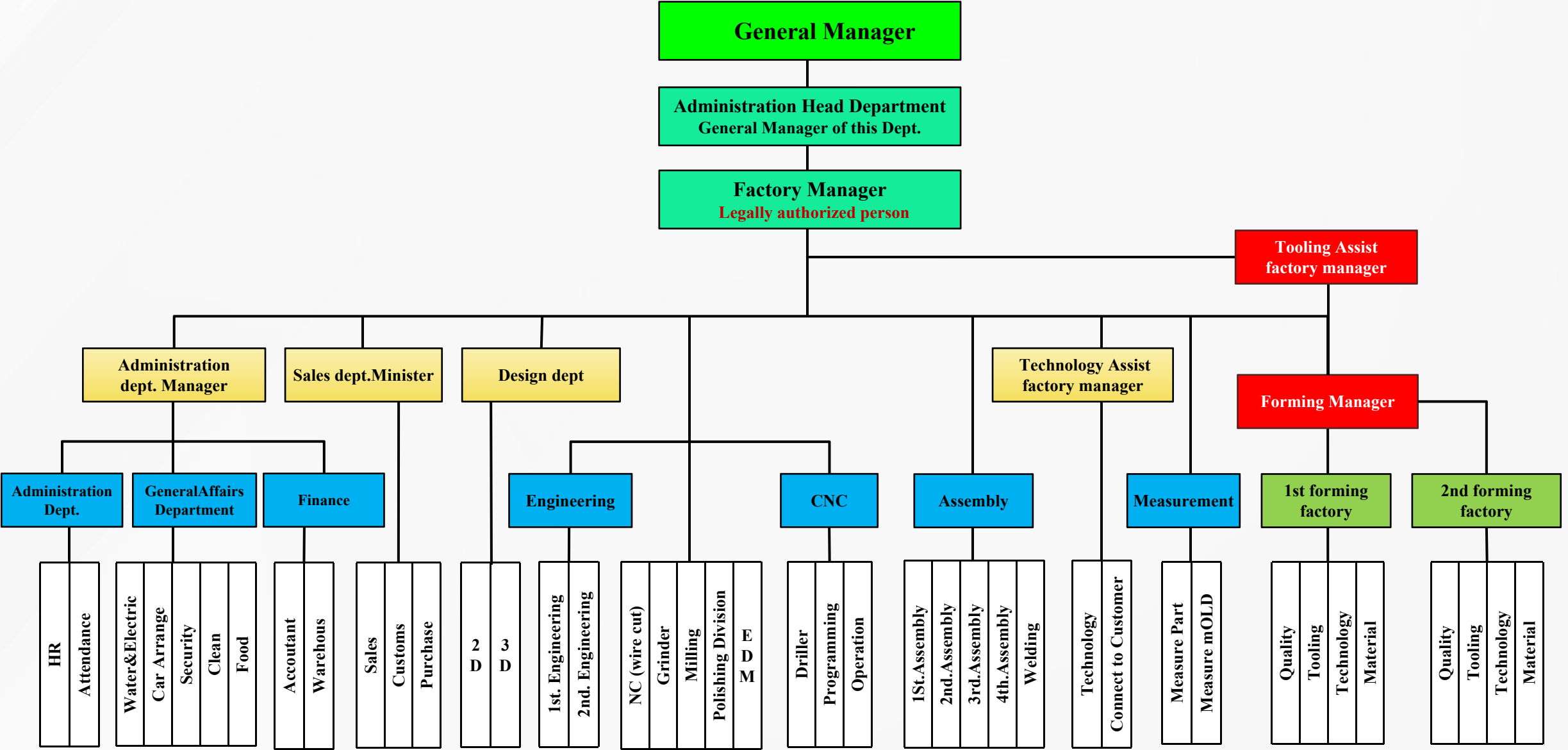
Sanjin Vietnam Factory was established in Bac Ninh, Vietnam in 2013.

It has been established for 11 years, with 15,000 square meters and more than 300 employees.

The Vietnam factory currently mainly manufactures automobile and OA plastic molds and plastic parts injection molding, and its products are mainly sold to Southeast Asia, Europe and the United States.

The company passed ISO9001 and ISO14001 SGS dual system certification in 2014, and introduced the injection molding production management system in 2022, from product quotation, PO injection, material procurement, production planning, product warehousing, to fully realize systematic management.







1 Design Department

- ❖ Employee: 12
- ❖ 3D: 7 Experience: 5 ~ 12 years
- ❖ 2D: 5 Experience: 1~5 years

- ❖ APP for Design: UG/CAD....
- ❖ UG usage: All designers
- ❖ CAD usage: All designers



2 CNC

- ❖ Employee: 20 (1 clerk), programming person: 9, machining person: 10
- ❖ Experience: 5-10 years



3

Quality Engineering Head Department

Employee: 18 (1 clerk)

Experience: 5-20 years

No.	Equipment	Origin	Qty (pcs)	Specification (MAX. Measurement Range)
1	CMM	Japan	2	Tokyo Precision (600X800)
2	CMM	Japan	1	Sanfeng (300X400)
3	CMM	Swiss	1	/
4	VMM	Yixin	1	Yixin (400X300X250)
5	Projector	Taiwan, China	1	/
6	Thickness Gauge	Taiwan, China	1	/
7	Height Gauge	/	2	/
8	Roughness Gauge	/	1	/
9	Torque tester	/	1	/

4

Measurement Division

Employee: 4

Experience: 5-15 years



5

NC (Wire Cut)

Employee: 3

Machine: 3 (Japan)

Experience: 5-10 years

6

EDM

Employee: 10

Machine: 10 (Taiwan, China)

Experience: 5-10 years



7

Assembly Division

- ❖ **Employee: 24 (total 4 groups)**
- ❖ **Experience: Minister over 15 years**
 - Group leader/manager: over 10 years**
 - Technician: 2~10 years**



☐ **Employee:122**

☐ **Administrative/Technician: 20**

☐ **Forming QC: 15**

☐ **Forming Assistant: 4**

☐ **Workers: 83**

☐ **Injection Machine: 22**

☐ **700 T : 1**

☐ **530 T : 3**

☐ **470 T : 4**

☐ **380 T : 7**

☐ **320 T : 3**

☐ **250 T : 6**

☐ **160 T : 3**

☐ **90 T : 2**

❖ **Forming [1st Factory]**



❖Forming [2nd Factory]

●Address:	CN2-7, Guiwu Industrial Zone (Development Zone), Fangliufang, Vietnam	<input type="checkbox"/> Employee: 100		<input type="checkbox"/> Injection Machine: 16	
●Areas:	3000 m ²	<input type="checkbox"/> Measurement: 3	<input type="checkbox"/> 470 T : 2	<input type="checkbox"/> 250 T : 4	
●Build Time:	In 2022	<input type="checkbox"/> CMM : Toyko Precision 1	<input type="checkbox"/> 450 T : 2	<input type="checkbox"/> 160 T : 2	
		<input type="checkbox"/> Height Gauge : 1	<input type="checkbox"/> 380 T : 3		
		<input type="checkbox"/> Torque tester: 1	<input type="checkbox"/> 320 T : 3		

The background features three concentric, semi-circular arcs in shades of blue, centered behind the main text. At the bottom of the slide, there is a solid blue curved band that spans the entire width.

④ Sanchine Thailand (branch)

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❖ Location

- The company is located in the Central Rayong Industrial Zone, Amata, Rayong Province, Thailand;
- Superior location&Convenient transportation

❖ Scale

Sanchine Thailand was established in Rayong, Thailand in 2021. It is 23 kilometers away from Pattaya's Linjaban Port, with convenient logistics. The factory covers an area of 3,000 square meters and has more than 50 employees. The Thai factory currently mainly manufactures automobile and OA plastic molds.

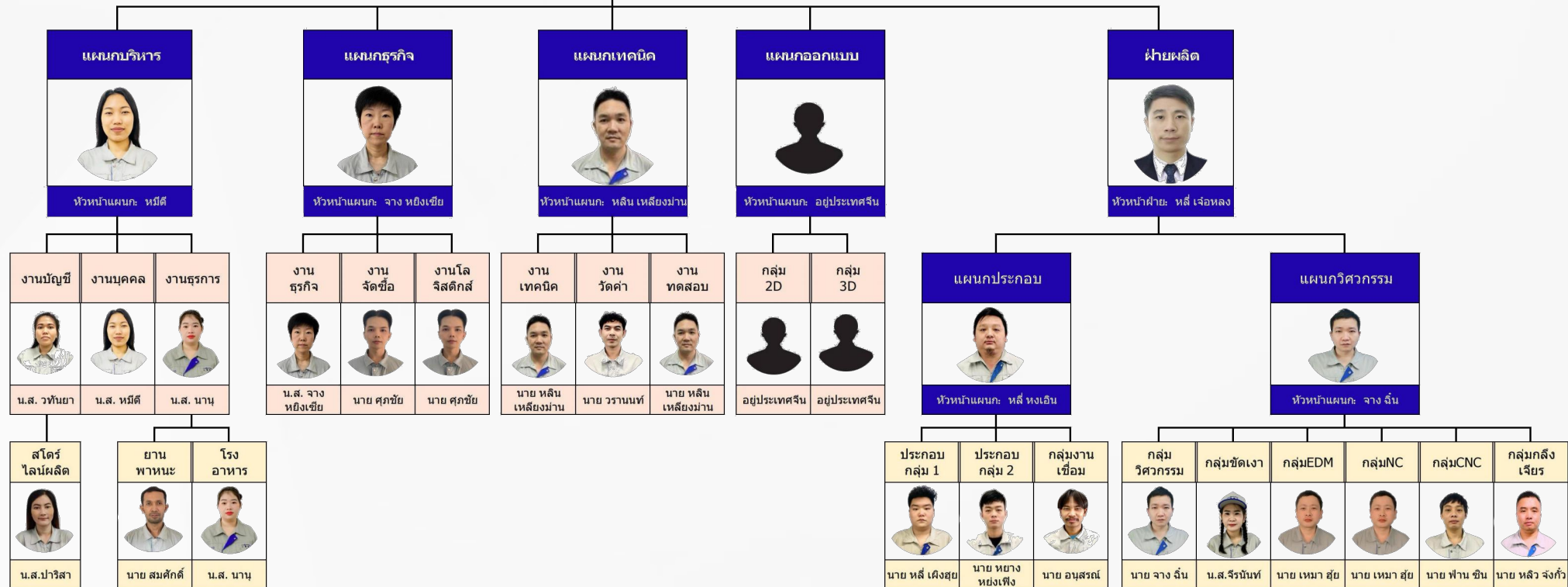


องค์กร/ประเภทของแผนก	จำนวน
แผนกบริหาร	8คน
แผนกธุรกิจ	4คน
แผนกเทคนิค	8คน
แผนกออกแบบ	5คน
ฝ่ายผลิต/ประกอบกลุ่ม 1	8คน
ฝ่ายผลิต/ประกอบกลุ่ม 2	8คน
ฝ่ายผลิต/กลุ่มงานเชื่อม	2คน
ฝ่ายผลิต/กลุ่มวิศวกร	5คน
ฝ่ายผลิต/กลุ่มCNC	10คน
ฝ่ายผลิต/กลุ่มEDM	8คน
ฝ่ายผลิต/กลุ่มNC	2คน
ฝ่ายผลิต/กลุ่มเจีย	3คน
ฝ่ายผลิต/กลุ่มมิลลิ่ง	4คน
ฝ่ายผลิต/กลุ่มขัดเงา	6คน
*รายชื่อข้างต้นรวมแล้ว	



จำนวนพนักงานปัจจุบัน	คน
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ฝ่าย	ตำแหน่ง	รายละเอียด
บริหาร	ผู้จัดการโรงงาน	บริหารงานประจำโรงงาน ควบคุมดูแลความเรียบร้อยของงานแต่ละแผนก และแก้ไขปัญหาแต่ละแผนก
	หัวหน้าแผนก	จัดการบริหารงานประจำวันของบริหารงาน และดูแลคนที่เกี่ยวข้องทั้งหมด
ธุรกิจ	หัวหน้าแผนก	จัดการเกี่ยวกับงานขายและลูกค้าที่มีปัญหาเกี่ยวกับงานประจำโรงงาน และจัดการงานด้านการบริหารงานลูกค้า
	หัวหน้าแผนก	บริหารงานด้านการขายและลูกค้าที่มีปัญหาเกี่ยวกับงานประจำโรงงาน และดูแลคนที่เกี่ยวข้องทั้งหมด
เทคนิค	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานช่างและงานช่างเทคนิคในโรงงาน
	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานช่างและงานช่างเทคนิคในโรงงาน
ออกแบบ	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานออกแบบและงานช่างเทคนิคในโรงงาน
	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานออกแบบและงานช่างเทคนิคในโรงงาน
ผลิต	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานผลิตและงานช่างเทคนิคในโรงงาน
	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานผลิตและงานช่างเทคนิคในโรงงาน
วิศวกรรม	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานวิศวกรรมและงานช่างเทคนิคในโรงงาน
	หัวหน้าแผนก	จัดการงานเกี่ยวกับงานวิศวกรรมและงานช่างเทคนิคในโรงงาน





2

CNC

❖Employee: 10, Machine: 8 (Japan/Taiwan, China)

❖Experience: 2~10 years



2	NC (wire cut)
Employee: 2 Machine number: 1 Experience: 2~10 years	

3	EDM
Employee: 8 Machine number: 7 Experience: 2~10 years	



4

Lathe.Milling.Grinding Department

Employee: 5

Machine number: 5

Experience: 2~10 years

5

Grinder

Employee: 3

Machine number: 3

Experience: 2~10 years



6	Measurement
Employee: 2	
Machine number: 2	
Experience: 2~8 years	

7	Assembly
Employee: 20	
Experience: 2~15 years	



9 Forming

❖ Employee: 4, Experience: 2~5 years

❖ Machine number: 4 (90T-1 , 160T-1 , 320T-1 , 450T-1)

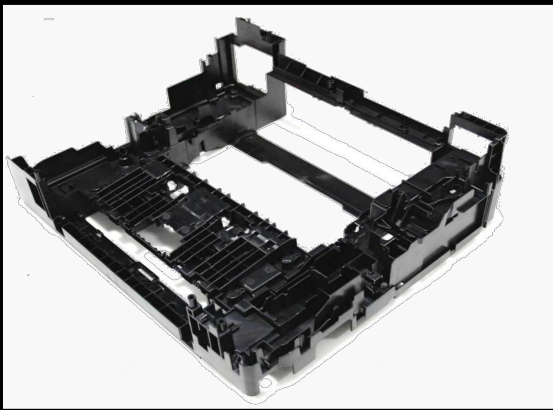
⑤ Parts & Service

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●Markable Products (OA Products)



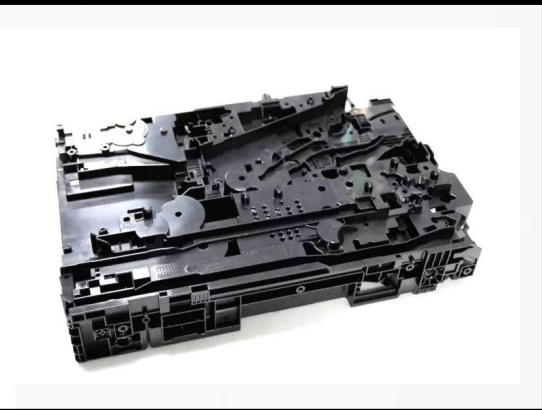
Printer Paper Box



Printer Bottom Cover



Printer Outer Cover



Printer Left Cover



Printer Box of Carbon Powder



KYOCERA Printer Tye
Inner Frame



Toner Barrel Shell

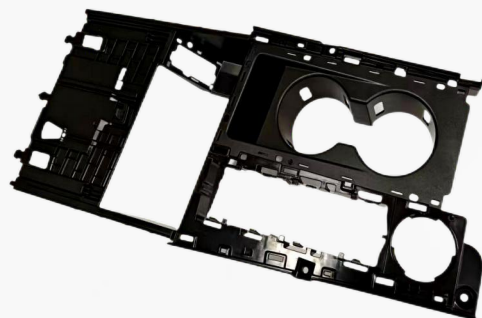


Catridge Case

●Markable Products (Automotive Products)



AUDI Q5NF Cup Holder Assembly-
Cup Holder Shell



VOLKSWAGEN Cup Holder Assembly-
Shell



VOLKSWAGEN Cup Holder Assembly-
The Left&Right Brackets of the Roller Door
Slider



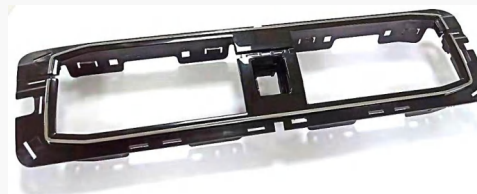
Interior Door Armrest Assembly-
Left/Right Handle Bracket



HONDA Taillight Assembly-
Casing



Door Clasp Assy-
Handle

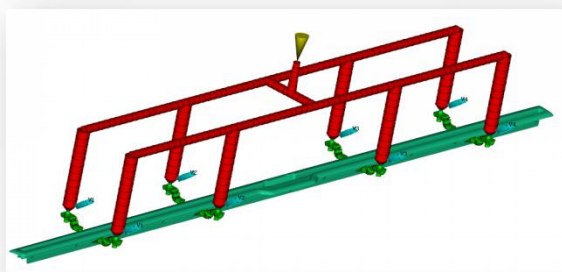


Shanghai Volkswagen Santana Air Outlet-
Cover Plate

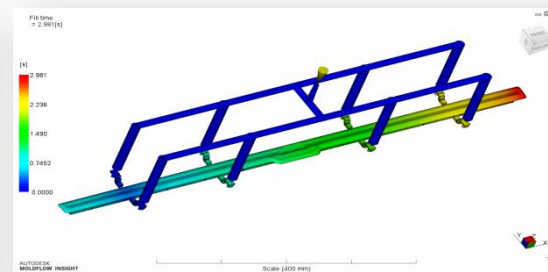


Shanghai Volkswagen Passat
Rear Cover Assy

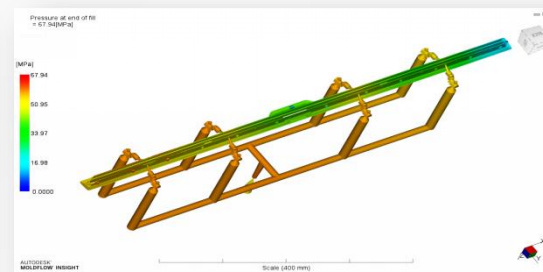
Moldflow Analysis



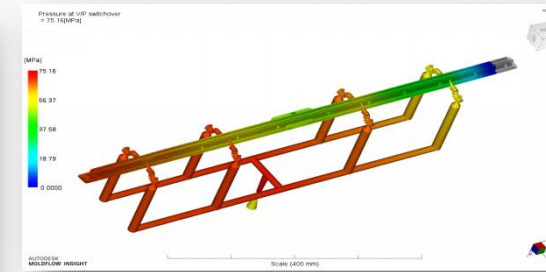
■ 1. Gate setting



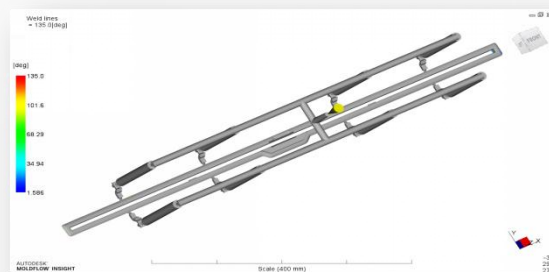
■ 2. Filling status



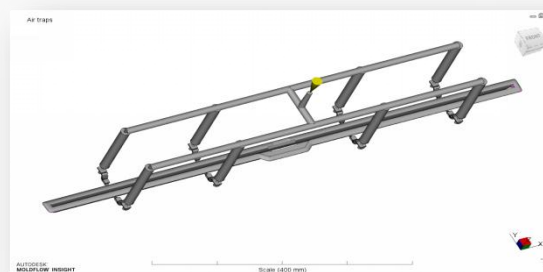
■ 3. Injection pressure



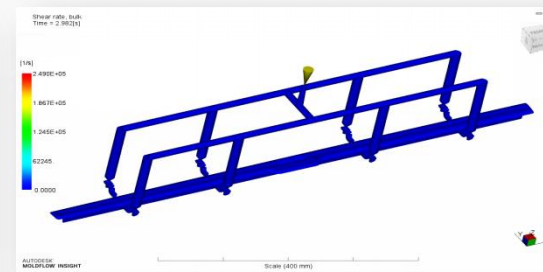
■ 4. V/P Pressure switch



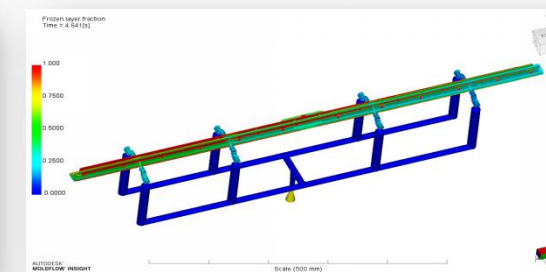
■ 5. Appearance: weld line



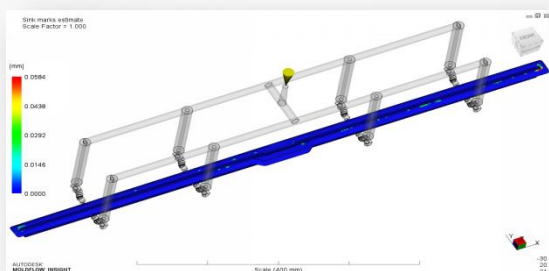
■ 6. Appearance: Trap air



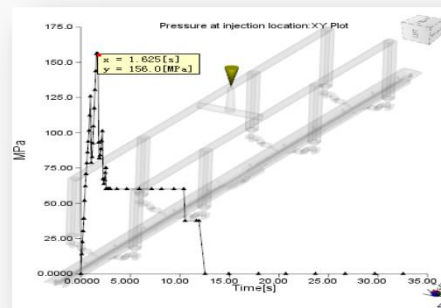
■ 7. Appearance: Shear rate



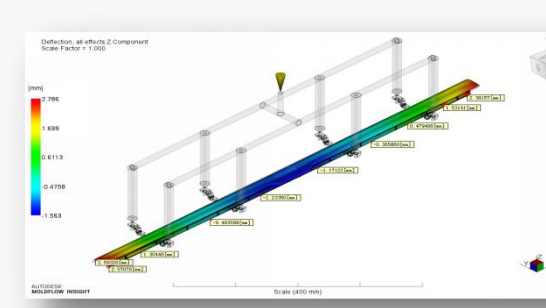
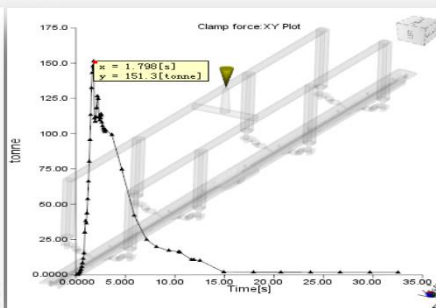
■ 8. Appearance: Frozen layer



■ 9. Appearance: Sink mark



■ 10. Appearance: Injection pressure and clamping force



■ 11. X.Y.Z Directional warpage

⑥ Contact

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THANKS

