

HAILONG MACHINERY GROUP

QUALITY FIRST, CUSTOMER FIRST, ABIDE TRUST, SINCERE SERVICE



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QINGDAO · CHINA



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GROUP INTRODUCTION



Qingdao Hailong Machinery Group Co., Ltd. was established in 1955. main products are automotive die, checking fixtures,Jig, auto parts, auto stamping parts, vehicle cabs, truck bodies and special modified vehicles.

Hailong is a national high-tech enterprise,got IATF16949/ISO9001 quality management system, ISO14001 environmental management system and ISO45001 occupational health management system certificated.



Over 200
Enterprise invention patents

The company is a national high-tech enterprise with strong R&D and technical strength



Over 60 years
Established in 1956

The company has many advanced production lines and complete processing equipment.



Global customized service
Processing & manufacturing with drawings & samples

Possess complete quality assurance capabilities.



Hailong is a member unit of China Die & Mold Industry Association and a member unit of Shandong Foundry Association, has successively won the honors of "Top 100 Enterprises" of Shandong Machinery Industry, "China Key Backbone Mold Enterprise", "Top 100 Private science and technology Enterprises of Qingdao City," Top 100 Private Enterprises of Qingdao City, "specialized and innovative" enterprises.

Over the years, Hailong keep following the business philosophy of "QUALITY FIRST, CUSTOMER FIRST,ABIDE TRUST,SINCERE SERVICE ", has established a good reputation with excellent product quality and high-quality service, established long-term and stable cooperative relations with FAW Jiefang, SAIC General Motors, and Beijing New Energy , FAW Mold, Toyota Machinery, Germany KION, Germany Hettich and other companies.

COOPERATION PARTNER



MANUFACTURE STRUCTURE

HAILONG GROUP

- Automotive Parts Division
- Special Vehicle Division
- Qingdao Jitai Automotive Mold Co., Ltd
- Qingdao Haishun Jihua Machinery Co., Ltd
- Qingdao Longtai Runda Automotive Parts Co., Ltd
- Qingdao Taihengda Precision Mold Co., Ltd
- Qingdao Hailong Machinery Technology CO.,Ltd



DEVELOPMENT HISTORY

1955

In 1955 - Hailong was built and named as Jimo Repair Club, mainly engaged in agricultural machinery repair business and agricultural tool manufacturing.

1963

In 1963 - Hailong was renamed as Jimo Farm Tools Co., Ltd., mainly engaged in agricultural and sideline machinery manufacturing and agricultural machinery repairing business.

1966

In 1966 - Hailong was renamed as Jimo Farm Tools Factory, mainly engaged in the manufacture of agricultural and sideline machinery and general equipment.

1971

In 1971 - Hailong was renamed as Jimo Light Industry Machinery Factory, mainly engaged in the manufacture of general equipment.

1978

In December 1978 - Hailong was renamed as Jimo Textile Machinery Factory.

1990

In August 1990 - Hailong was renamed as Jimo City Textile Machinery Factory.

1991-1997

In 1991-1997 - Hailong was an important exploration period for the adjustment of the enterprise's product structure, mainly engaged in casting and machining products, agricultural machinery, etc.; in 1993, Hailong cooperated with Yantai Machinery Research Institute to bring in an automobile mold production project.

1997

In December 1997 - Hailong was named as Jimo Hilong Machinery General Factory.

1998

In 1998 - Hailong made great adjustments to its product structure and got phased in a product structure model based on machine casting and machining, with auto mold making as the core and auto stamping parts and auto parts production as the direction. Meanwhile, in accordance with the relevant national policies, the factory was renovated to pilot the shareholding cooperative system.

2000

In January 2000 - Hailong was officially restructured as Jimo Hailong Machinery Co., Ltd.

2008

In December 2008 - Hailong was renamed as Qingdao Hailong Machinery Group Co., Ltd.

2011

In 2011 - On the basis of the original product structure, Hailong bring in the production project of the vehicle cab and truck container.

2013

In 2013 - Hailong started the R&D, production and operation of special modified vehicles, and formed four main business modules around the automobile industry, including the production of automobile molds, automobile stamping parts and parts, complete vehicle cabs and truck compartments, and special modified vehicles.

2018

In 2018, Hailong invested in production lines of the 919 living accommodation and cabin, and was rated as one of the Top 100 Private Enterprises in Qingdao

2019

In 2019, Hailong implemented the strategy of "Transformation of Old Growth Drivers into New Ones", upgraded the casting business, bring in new technologies, new processes, and new equipment, and engaged in the production of cast iron, cast steel, and die-cast aluminium

2020

In 2020, Hailong's stamping and truck body production was relocated to Bei'an Intelligent Manufacturing Park. The 8,250-ton fully automatic stamping production line manufactured by Jier Machine-tool Group was introduced to provide supporting products for FAW-Volkswagen.

SERVICE ADVANTAGE

We are committed to providing our customers with the most convenient, efficient, and comprehensive one-stop service. From project inception to final delivery, our professional team works closely with our customers to complete every aspect of the process.

The company has the full production capability of the entire production chain from molds, stamping, welding, final assembly, and coating.

To ensure product quality reliability and stability, we have implemented a range of strict quality management measures and obtained internationally recognized certifications such as ISO9001 and IATF16949, which guarantee customer satisfaction and trust.



Through 65 years of continuous exploration and development, we have accumulated rich experience and expertise, which enables us to solve various production challenges and meet the customized needs of our customers.

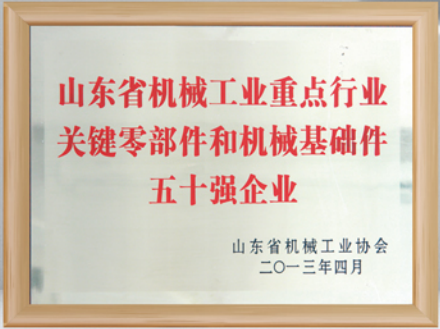
We can design, produce and deliver products on time according to customers' requirements and guarantee the quality of the products.

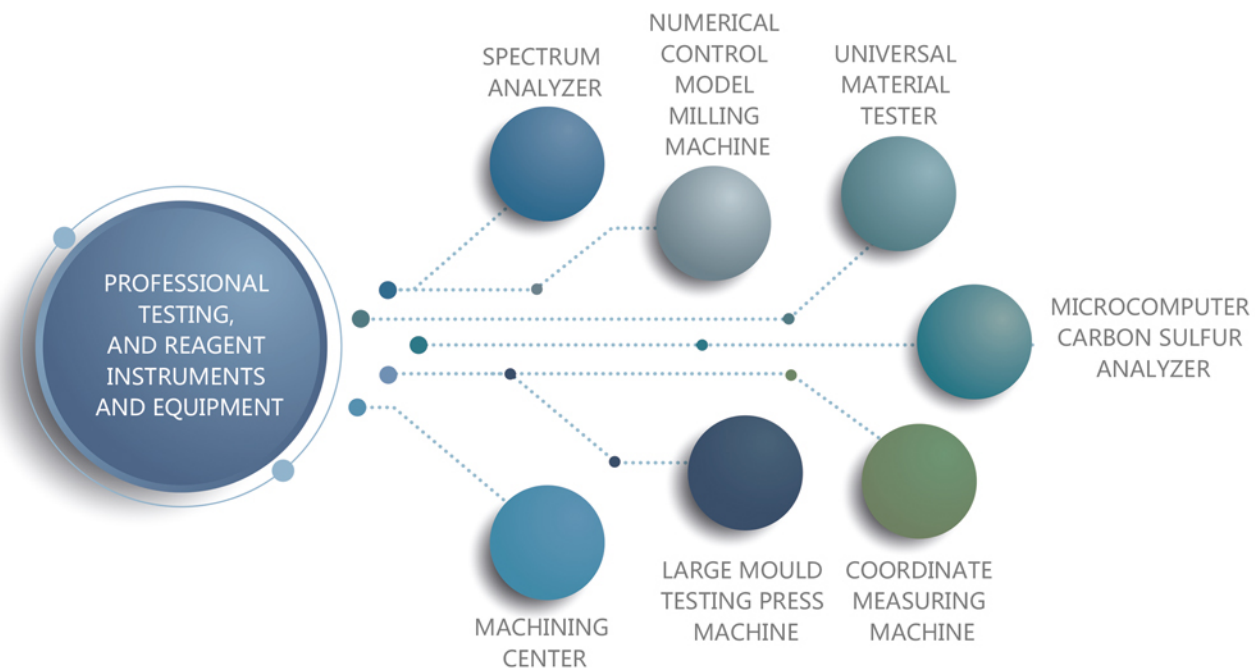
As a technological center in Qingdao and one of the top 20 domestic companies in cold stamping mold, we have always adhered to technological innovation as our core competitiveness, continuously improving product quality and technical level, and providing customers with more competitive products and services.



HONORS AND QUALIFICATIONS

Hailong is the member of China Die & Mould Industry Association, a director of Shandong Foundry Association. We have successively won the "Top 100 Enterprises" in the Machinery Industry of Shandong Province, "Key Mould Enterprises in China", Qingdao Top 100 Private Technology Enterprises, "specialized, refined, and new" enterprises.

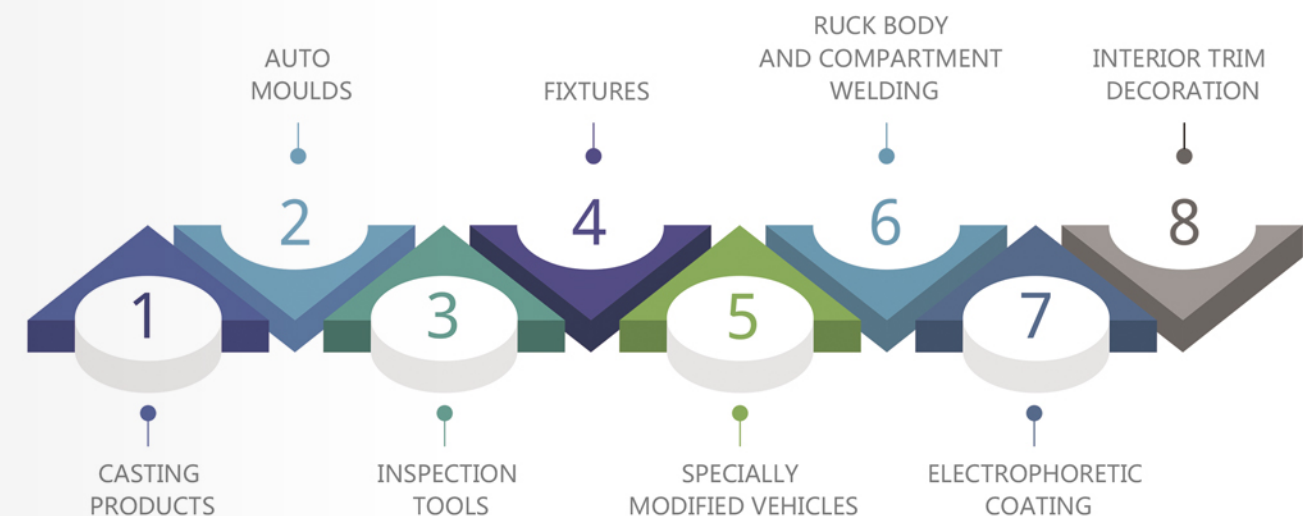
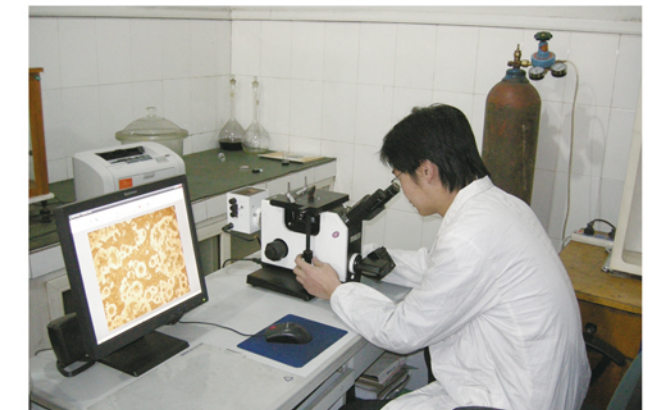




ENTERPRISE TECHNICAL CENTER

Established in 2004, our Technology Center was rated as the Qingdao Municipal Technology Center in 2008. The Technology Center is mainly engaged in the design and R&D of casting products, auto moulds, inspection tools, fixtures, specially modified vehicles, truck body and compartment welding, electrophoretic coating and interior trim decoration. It is provided with advanced R&D facilities and software, professional computer workstations, scanners and advanced industrial design software. Besides, the Center has various kinds of professional testing, and reagent instruments and equipment, including the spectrum analyzer, microcomputer carbon sulfur analyzer, universal material tester, coordinate measuring machine, large mould testing press machine, numerical control model milling machine and machining center.

The Technology Center focuses on product R&D, advocates technical innovation, and goes on enhancing technical innovation and technical transformation. The Center has undertaken a number of major R&D projects and achieved fruitful results. Besides, it has obtained more than 200 patents of various kinds, which has played a positive role in promoting the innovation and development of the enterprise.



DESIGN AND R&D

THE COMPANY IS A MEMBER OF SHANDONG FOUNDRY ASSOCIATION. MAIN PRODUCTS: AUTOMOTIVE MOLD CASTINGS AND MACHINE TOOL CASTINGS, KINDS OF ALUMINUM ALLOY, ZINC ALLOY, COPPER ALLOY DIE-CASTING PRODUCTS.

CASTING CAPACITY

The company can produce about 30,000 tons of various casting products (cast steel, cast iron, alloy steel, die-cast) annually.
Max/Min casting weight: 35 tons/0.30Kg.
Max/Min dimension:11m*3m/20mm*20mm

TECHNICAL ABILITY

- ※ There are more than 40 professional casting and technical personnel.
- ※ There are more than 50 sets of various professional testing equipment, including three-coordinate, blue-ray scanner, spectrum detector, universal tensile testing machine, metallographic detector, hardness detector and other testing equipment.



EQUIPMENT CAPACITY

- ※ Smelting Equipment: Multiple 10 tons, 7 tons, 5 tons and 2 tons electric furnaces.
- ※ Die casting Equipment: Multiple 160T, 180T, 200T, 280T, 550T, 950T, 1300T horizontal cold chamber die-casting machines.
- ※ Machining equipment.
 - 8 sets OKUMA cnc machining center
 - 5 sets VISION WIDE cnc machining center
 - 5 sets TOSHIBA cnc machining center,
 - 3 sets PANASONIC cnc machining center,Besides above,there are many other domestic processing equipment.
Max machining dimension:10m*3.2m
Min machining accuracy:0.01mm.



PRODUCT

- ※ Cast iron products:
Hailong adopts resin sand, clay sand and coated sand production technology, and can produce various grades of gray iron and ductile iron casting products, such as: HT200, HT250, HT300, HT350...QT400,Max casting weight:30 tons.

Grade comparison table of regular material													
Gray Iron													
No.	China	Taiwan,China	Japan	Korea	U.S.A		International Standards	Germany		France	Russia	Sweden	UK
	GB		JIS	KS	AWS	UNS	ISO	DIN	W-Nr	NF		SS	BS
1	HT100	FC100	FC100	GC100	No.20	F11401	100	GG10	0.601	EN-GJL-100		0110-00	Grade100
2	HT150	FC150	FC150	GC150	No.25	F1701	150	GG15	0.6015	EN-GJL-150		0115-00	Grade150
3	HT200	FC200	FC200	GC200	No.30	F12101	200	GG20	0.602	EN-GJL-200		0120-00	Grade180 Grade220
4	HT250	FC250	FC250	GC250	No.35 No.40	F12801	250	GG25	0.6025	EN-GJL-250		0125-00	Grade260
5	HT300	FC300	FC300	GC300	No.45	F13101	300	GG30	0.603	EN-GJL-300		0130-00	Grade300
6	HT350	FC350	FC350	GC350	No.50	F13501	350	GG35	0.6035	EN-GJL-350		0135-00	Grade350
Ductile iron													
1			FCD350-22	GCD370			350-22						350/22
2	QT400-15		FCD400-15	GCD400			400-15	GGG-40	0.704	EN-GJS-400-15		0717-02	370/17
3	QT400-18		FCD400-18		60-40-18	F32800	400-18			EN-GJS-400-18			400/18
4	QT450-10		FCD450-10	GCD450	65-45-12	F33100	450-10			EN-GJS-450-10			450/10
5	QT500-7		FCD500-7	GCD500	80-55-06	F33800	500-7	GGG-50	0.705	EN-GJS-500-7		0727-02	500/7
6	QT600-3		FCD600-3	GCD600	80-55-06~100-70-03	F3300 F34800	600-3	GGG-60	0.706	EN-GJS-600-3		0733-03	600/3
7	QT700-2		FCD6700-2	GCD700	100-70-03	F34800	700-2	GGG-70	0.707	EN-GJS-700-2		0737-01	700/2
8	QT800-2		FCD800-2	GCD800	120-90-02	F36200	800-2	GGG-80	0.708	EN-GJS-800-2			800/2
Alloy Steel													
1	ZG40Mn		SCMn3	SCMn3				GS-40Mn5	101168				
2	ZG40Cr												
3	ZG20SiMn		SCW480 (SCW49)	SCW480	LCC	J02505		GS-20Mn5	1.112	G20M6			
4	ZG35SiMn		SCSiMn2	SCSiMn2				GS-37MnSi5	1.5122				
5	ZG35CrMo		SCCrM3	SCCrM3		J13048		GS-34CrMo4	1.722	G35CrMo4			
6	ZG35CrMnSi		SCMnCr3	SCMnCr3									

- ※ Die-casting products:
Hailong is equipped with 160T, 180T, 200T, 280T, 550T, 950T, 1300T horizontal cold chamber die-casting machines, mainly producing kinds of aluminum alloy, zinc alloy, copper alloy die-casting products.

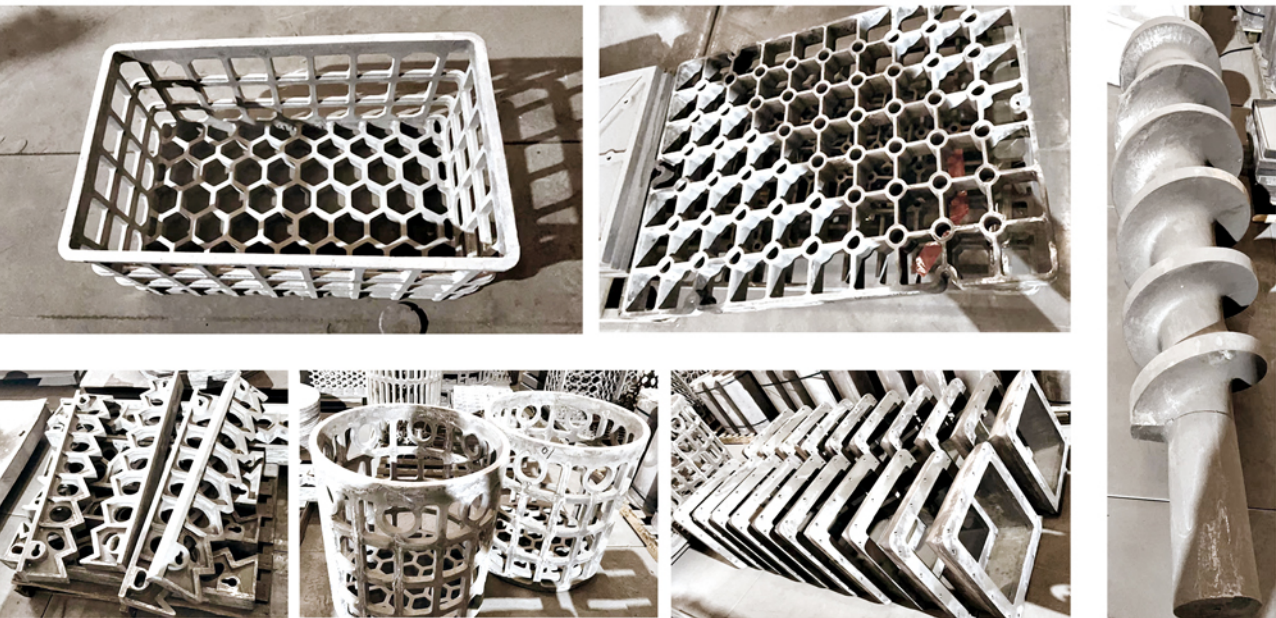


CASTING

※ Cast steel products:
Hailong adopts EPS lost foam, centrifugal, precision and sand casting techniques to produce cast steel products of various materials,such as 3Cr18Mn12Si, 4Cr25Mn20Si2, 316L, 1Cr18Ni9Ti, 2Cr13 and other material products.



※ Heat resistant steel equipment and products:



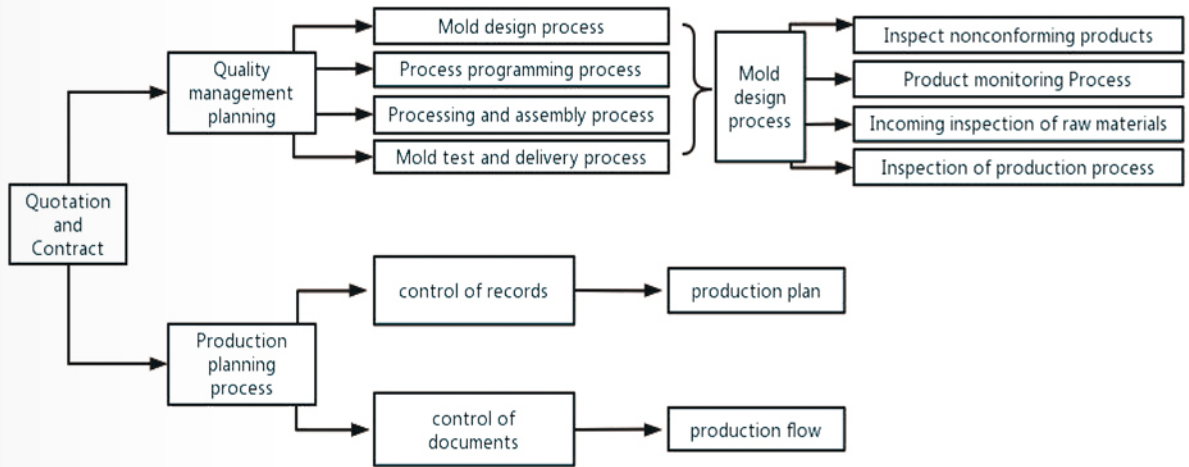
MOLD

The company is mainly engaged in the design and production of cold stamping dies for automobile body panels and various sheet metal parts. The company is a group member unit of China Mold Industry Association and a key backbone enterprise of China's automobile panel molds.

After more than 20 years of development, the company has rich and solid technical research and development capabilities, mold making and production management experience; has a number of high-precision hardware equipment and advanced software facilities, such as large-scale CNC processing equipment, mechanical presses, hydraulic presses, large laser Three-coordinate measuring machine and five-axis laser cutting machine. It has strong mold processing, debugging and measurement capabilities. The company already has complete business development capabilities from mold design, model making to mold processing testing, installation and commissioning.

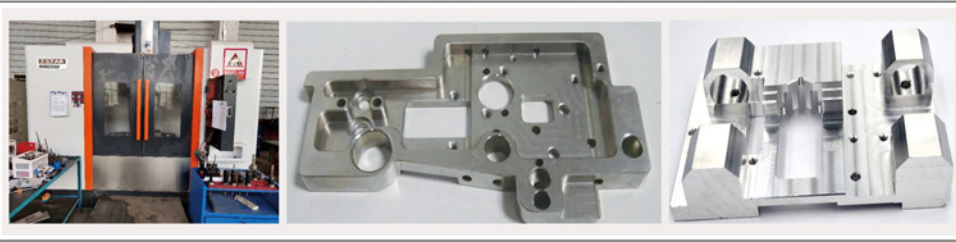
The company is committed to providing professional and integrated services for automobile OEMs and stamping plants. The company has cooperated with dozens of domestic automobile manufacturers such as BAIC Group, FAW Group, FAW Jiefang Qingdao Automobile Co., Ltd., SAIC Group, Great Wall Group, Beijing Benz Daimler-Chrysler Automobile Co., Ltd., Chery Automobile, and Guangzhou Automobile Group. established a stable business relationship.

We have always been adhering to the purpose of providing one-stop service for customers, starting from quality and planning control, to provide customers with satisfactory service, from the order to access to the customer project management process, through two processes to control the customer's products, so as to ensure the smooth and orderly delivery of the company.

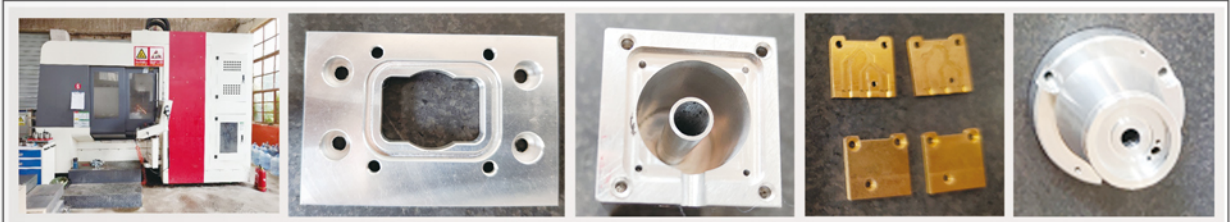


Details of machining equipment											
NO.	Device Name	Quantity	Operating stroke	Durable years	Specification	NO.	Device Name	Quantity	Operating stroke	Durable years	Specification
1	ZKMP	1	2300*1600*800	2	2316	7	horizontal machining centre	1	1600*1300*1300	1	HMC100L
2	PAPID	1	1600*1400*800	1	1614						
3	VMC	1	1100*600*700	1	1160	8	EDM	1	600*400*400	3	
						9	WEDM	4	600*400*350	4	
4	VMC	1	800*500*600	1	850L	10	flat grinder	1	700*300	1	7130A
5	VMC	1	800*500*600	1	850L	11	Small precision grinding machine	2	600*280	5	
6	VMC	1	700*800*600	1	7080						

	device name	2136 ZKMP
	Equipment trip	X2000-Y1200-Z800
	spindle	6000 RPM
	Main processing Contents	Large mold parts, welding and casting parts

	device name	1160/850 machining center
	Equipment trip	X1100-Y600-Z500
	spindle	12000 RPM
	Main processing Contents	Precision small machine parts

	device name	HLC1000 horizontal machining centre
	Equipment trip	X1600-Y1300-Z1300
	spindle	6000 RPM
	Main processing Contents	All kinds of box, flange parts, mold parts

	
device name	1614 PAPID
Equipment trip	X1600-Y1400-Z700
spindle	20000 RPM
Main processing Contents	Laser head assembly, connecting plate, high light mold insert, military shielding box components

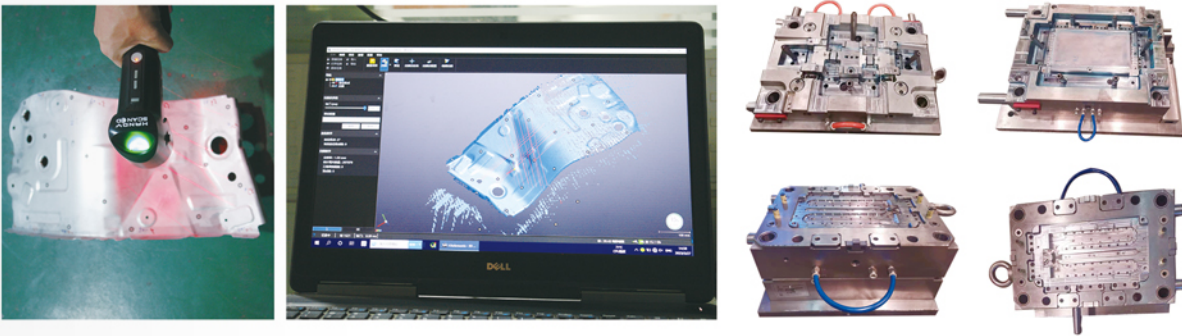
EQUIPMENT CAPABILITY OF PLASTIC PRODUCTS





Details of injection molding machine equipment

NO.	device name	specification	unit	quantity	brand
1	injection molding machine	1400T	Set		1 Chen Hsong
2	injection molding machine	1200T	Set		1 Hilectro
3	injection molding machine	1000T	Set		2 Chen Hsong
4	injection molding machine	800T	Set		1 Yizumi
5	injection molding machine	500T	Set		1 Chen Hsong
6	injection molding machine	320T	Set		1 Haida
7	injection molding machine	160T	Set		1 Haida
8	injection molding machine	80T	Set		2 Haida



STAMPING

The company is mainly engaged in the stamping and welding of auto parts and the production and processing of L-plates for auto longitudinal beams. Now we have one 8250T closed automatic stamping production line; one 3400T automatic stamping line; one J39-800T-2400T stamping line; two J36-630T-800T stamping lines; one J31-400T-2000T single-point thick plate stamping line; The large punching line and thick plate line are equipped with front-end robot feeding; vertical spot welding machine, suspension welding machine, laser cutting machine, CNC flat punching machine, shearing machine, bending machine and other equipment, which can produce stretching, drawing, pressing, etc. Stamping products in various processes such as molding and punching, as well as the production capabilities of post-processing processes such as plasma cutting, welding and trimming.

EQUIPMENTS

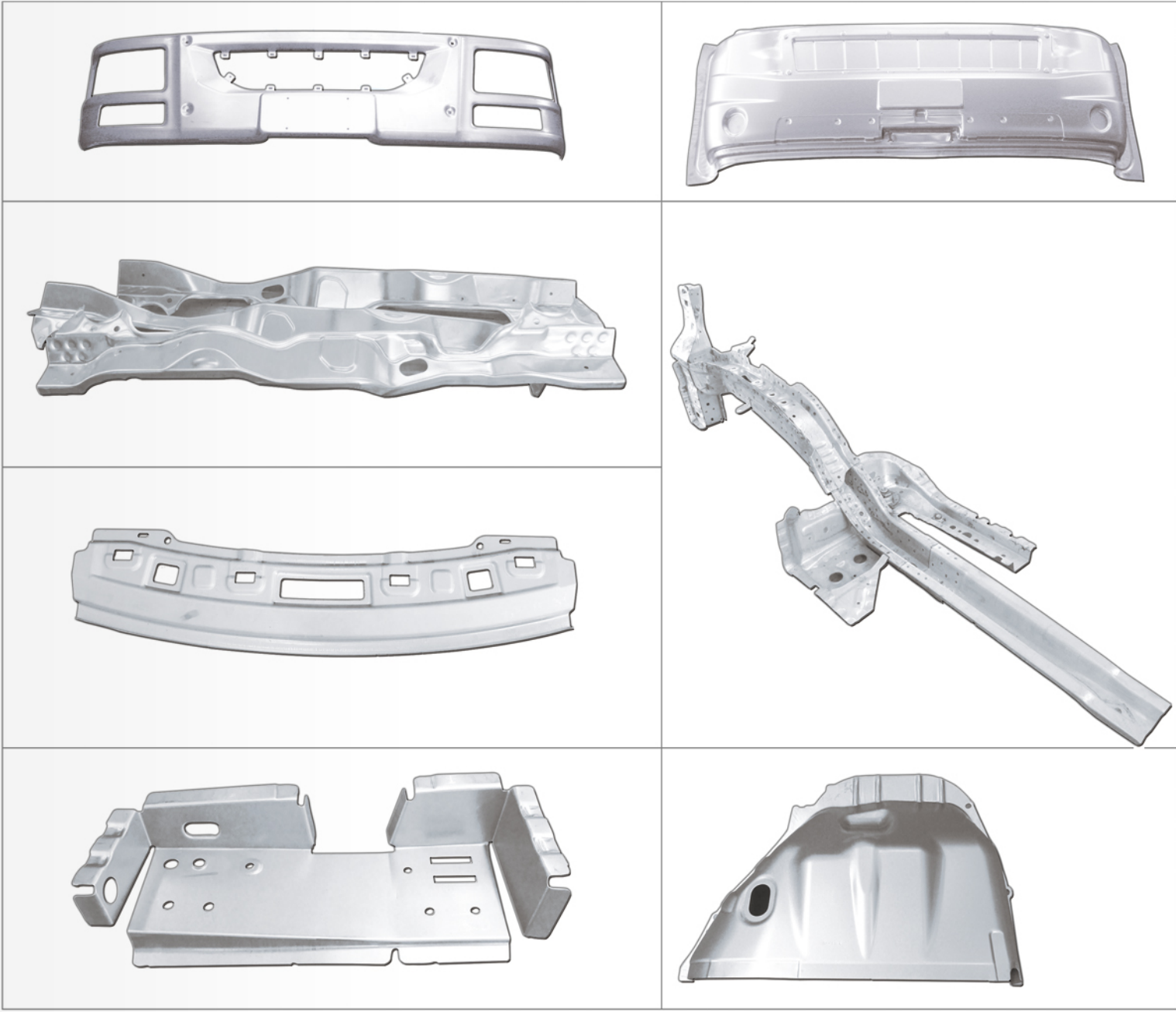


STAMPING

EQUIPMENTS



PRODUCTS



COATING AND WELDING

The company produces commercial vehicle cabs and various styles of truck compartments for automobile manufacturers. Now it has a number of professional production lines for vehicle cabs and cargo compartments with different functions such as rolling, welding, and painting. These include a welding line for light truck cabs, a welding line for heavy truck cabs, and rolling for light truck cargo compartments.

There are 13 lines, 2 cargo box welding lines and one high-standard electrophoretic coating line. This series of production lines can produce and assemble a variety of commercial vehicle cabs and different types of truck compartments.



The light truck cab welding production line is equipped with welding robots, which can produce different series of light truck cab products; the heavy truck cab welding line can produce various heavy truck cab products.

COATING AND WELDING

The roll forming production line is equipped with a variety of roll forming units and welding lines, which can process and manufacture various types of cargo compartments such as compartment panels, girders, frames, etc., and directly complete the compartment body on this line through subsequent welding operations assembly production.



On the electrophoretic coating production line, we have the capacity of electrophoretic and spray painting with an annual output of 100,000 cabs and 30,000 sets of cargo boxes.

