



DTG Tech Co.,Ltd

Company Presentation

Mold making / Prototyping

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SUCCESS CASE



01

COMPANY PROFILE



DTG Tech Co.,Ltd

Our company started since 2003 and started an international business in 2015, has specialized in mold making&prototype industry. After more than 20 years of development, now we have an experienced team.



Over 20 years experience



EQUIPMENT

NO.	Machine name	Model	Quantity(set)
1	YUANZHENG Mechanical Grinding Machine	618S	1
2	TONGZHUN Grinding Machine	618S	1
3	Yuanzheng milling machine	MT560	2
4	EDM Machine	SUPER448	2
5	TALILE Mirror spark machine	A40-CNCEDM	1
6	Beishute spark machine	BEST-348	1
7	Drilling machine	3040*13	1
8	Drilling machine	Z4116	2
9	JUGANG CNC machine	LMC-1060	1
10	SHENGFENG precision engraving machine	SF-650	2
12	TAIJIANG CNC precision engraving machine	870	1
11	CMM	OPTIV	1



EQUIPMENT

13	ZHENXIONG injection mold machine	130 TON	1
14	ZHENXIONG injection mold machine	170 TON	2
15	ZHENXIONG injection mold machine	260 TON	1
16	CONGWEI injection mold machine	180 TON	1
17	HAITIAN injection mold machine	120 TON	1
18	HAITIAN injection mold machine	160 TON	2
19	SHENDA injection mold machine	140 TON	1
20	DONGHUA injection mold machine	260 TON	1



CAPABILITY

Mold & product design
Mold making
Injection molding
Prototyping
Help customer sourcing, etc



WORKERS

We have an experienced team, they're engineer, production, sales, package, shipping and after-sales team, aim to provide customer the best service in each project.

DTG HISTORY

DTG establishes company brand image successfully based on its special location advantage and resource advantage of the company. Meanwhile, we introduce various high technologies and technical personnel to provide quality service for clients all over the world. At the time of technical improvement, we also introduce advanced management concepts to meet the development needs of the new age of the company. Now, we serve customers in more than 20 countries.



02

BUSINESS SCOPE



Mould Making

Mold design and manufacturing for the product of plastic, rubber, zinc and aluminum, and etc.

Vacuum casting

Vacuum casting usually make some simple design part, like silicone bottom, some plastic housing, and it's price can be cheaper than CNC machining.



Injection Molding

Serve the customers from sanitary, medical equipment, sports equipment and LED industries.

CNC Machining

Stainless steel, aluminum alloy parts, metal parts and etc.

Mr. Pan

Chief Executive Officer



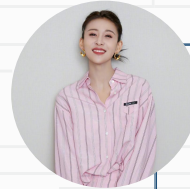
Leo Liu

Project manager



Crystal Chen

Sales



Josie Lau

Sales

Junjie Wang

Sales

Sara Lin

sales

Engineer team+production
team

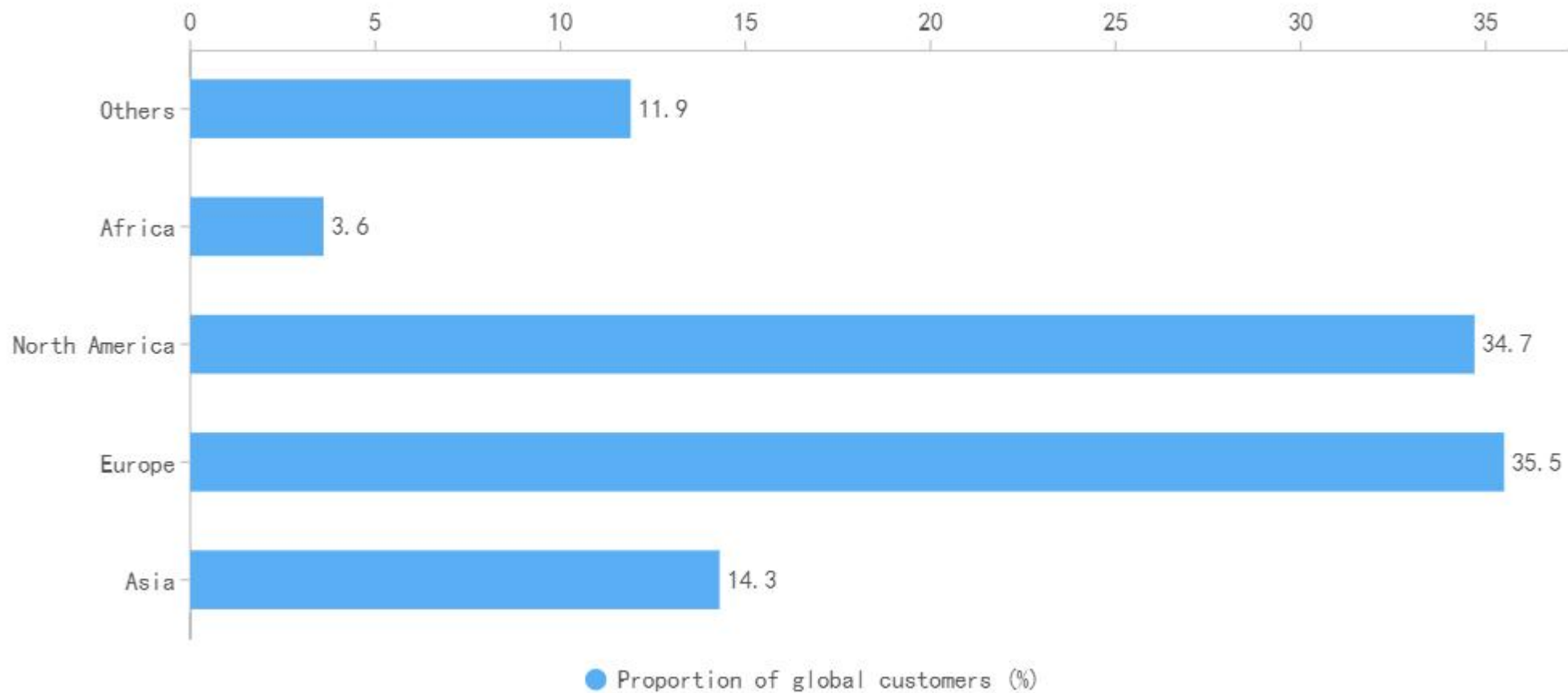
02 BUSINESS SCOPE-Engineers



Our engineers are always available to advise on design and performance considerations to ensure quality, compliance and manufacturability. We provide design assistance as well as quality oversight. From molding structure, plastic material selection to detailed processes, we ensure the plastic molded parts provide reliable performance in the final application.

Orders for plastic injection molding often receive the following engineering services and reviews:

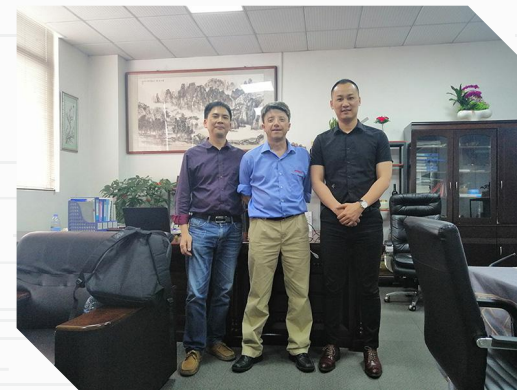
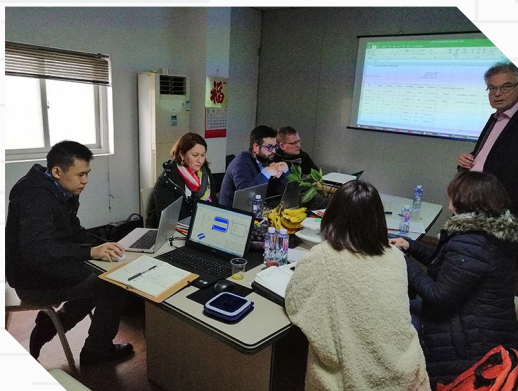
- Advise on the degree of draft to facilitate the ejection/removal process.
- Provide recommendations on wall thickness, ribs and bosses to ensure part strength and cosmetic appearance.
- Design of over-molds, insert molding, hinges and snaps for function and structure.
- Select plastic materials based on part volume and tolerance requirements.
- Design gates and runners to ensure consistent flow, correct pressure and sufficient material to minimize deformation, flashing, sink marks and knit lines.
- Review of our wide range of surface finishing options.
- Review all design, material and application considerations to ensure low costs and the best value.
- In-house 3D printing services for design validation and evaluation.



02 BUSINESS SCOPE-Factory Display



02 BUSINESS SCOPE-Customer reception





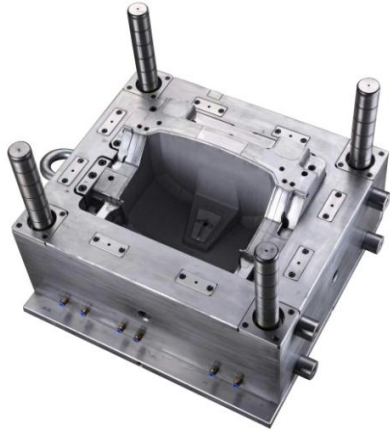
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PRODUCT DESCRIPTION



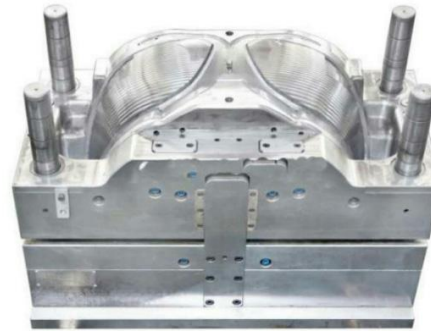
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PRODUCT DESCRIPTION-Injection Mould



Mechanical shell injection mold

Mould material: S136 HRC48-52
Mold cavity: 1*1, hot runner
Mold life 50 thousand shot
The injection cycle is 68 seconds
Surface roughness is SPI A2



Car central panel mold

Mold material: NAK80 HRC48-52
Mold cavity: 1*1
Mold life: 500 thousand times
Mold gating: hot runner pin point gate
Injection cycle: 72 seconds
Product material: ABS+PC
Surface request: SPI-A1



3-plate mold for box shell

Mold material: S136H
Mold cavity: 1*1
Mold life: 500 thousand times
Mold gating: Sub-gate
Injection cycle time: 60 seconds
Product material: ABS
Mold surface request: SPI-A1

03/ PRODUCT DESCRIPTION

01 Projector enclosure

Material: ABS+PC
Mold cavity: 1*1
Its appearance is very eye-catching,
because the surface treatment is texture
MT11020+ SPI A2.



03 PS transparent bottle

Material: PS with BPA FREE
Its appearance is very eye-catching,
because the surface treatment is very
transparent, the mold surface is mirror
polishing.



02 Doorbell camera enclosure

Material: ABS+PC
Mold cavity is 1*2,
Its appearance is very eye-catching,
because the surface treatment is brushed
+ vacuum plating high-glossy silver.

03/ PRODUCT DESCRIPTION

01



Vacuum forming parts

Material: PU 8150
the painting matte white on the prototype surface after vacuum casting, not only make the prototype looks better than smooth surface treatment, which can also protect the prototype appearance.

02



Air conditional control panel

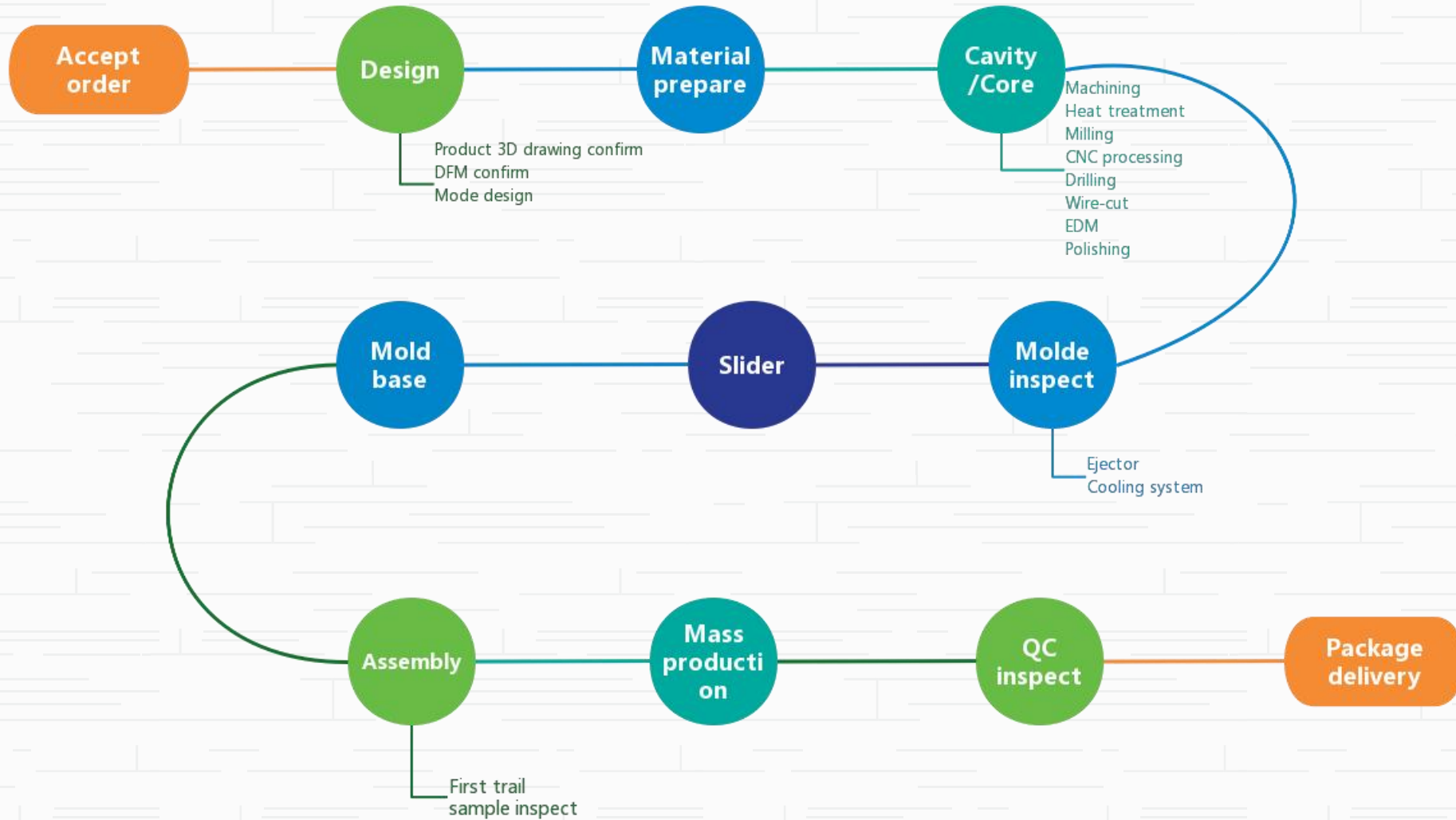
Material: PC+PP
The product surface is texture MT11000. It's double color mould products.

03



Bearing accessories

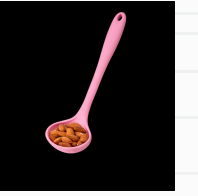
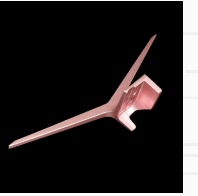
Material is aluminum alloy, and the surface just normal smooth, without scratches and burrs.



03 PRODUCT DESCRIPTION-Some Projects Display



03 PRODUCT DESCRIPTION-Some Projects Display





04

SUCCESS CASE



04/ SUCCESS CASE



Vortex Fountain

Material: Acrylic (Black+ Transperance)
The transparency is 98%, the black base be glossy, and there are no air mark and no strain on the surface.



LED optical lens

Thickness: 45mm
Technical requirement: transparency reaches 98%. Without flow marks, gas marks, bubbles, shrinkage, burrs, black spots, etc.
Detection requirements: 400 meters remote focus at one point.



PU Armrest and Cupholder

Fits all 70 series landcruiser except kzj78 slight modification needed;
Can be made to fit 40/60/80/100 series and GQ with some minor changes to the bracket.

04 SUCCESS CASE-Cooperation Brand



Envisage Group



Arc Group

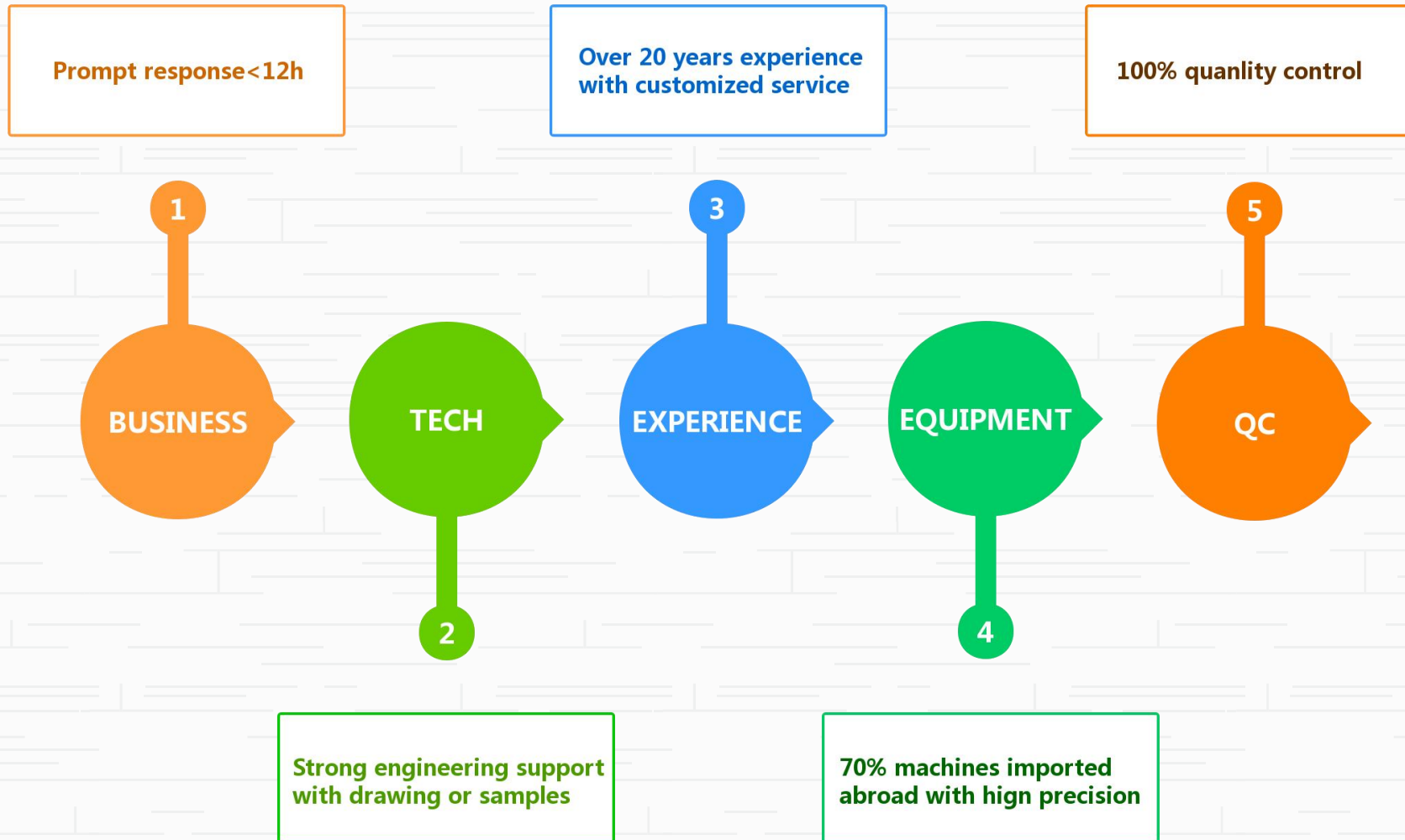


ONE STONE



Ford China and Tesla China

We have built a long term relationship with many customer with good reputation, like Envisage Group from UK, Arc Group from France, Gallon Gear from USA, ONE STONE from AU, Ford China and Tesla China, etc. We help them design the project, making the prototype, improve the 3D model and do the final mass production, involving in every process of the developing, we have fully understand the metal thinking and design spirit from western companies. We will continue to improve our production process and offer better service to our customer.



054 SUCCESS CASE-FAQ

Q1: I have no 3D drawing, how should I start the new project?

A1: You can provide us a sample, our engineer will make the 3d drawing to be analyzed.

Q2: Can we get some samples before mass production?

A2: Yes, we will send you samples for confirmation before mass production.

Q3: What is your terms of payment?

A3: 50% deposit, 50% before shipment.

Q4: How about your delivery time?

A4: Generally, it takes 30 days.

Q5: How can I get the quotation?

A5: We'll offer you the quotation within 24 working hours after receiving your detailed information. In order to quote you faster and more accurate, pls provide us the following information together with your inquiry:

- 1) CAD or 3D drawing
- 2) Material requirement
- 3) Surface treatment
- 4) Quantity
- 5) Any special demands or requirements, such as packing, labels, delivery. etc.



THANKS

Open and inclusive,
Win-win cooperation.

<http://www.m-dtg.com/>