

# ATK Presentation



Welcome to ATK!

ATK Mold located in Shenzhen city(nearby Hong Kong, drive half an hour to SZ airport ). with approximately 80 employees, delivery tools around 500 set annual year.

**Main Business: Injection mold & molding**

**Mold Size: 50kg - 15Ton**

### Part Marketing:

Automotive Industry  
Electronic Industry  
Home Appliance  
Industrial Serial  
Medical Industry

### Mold type:

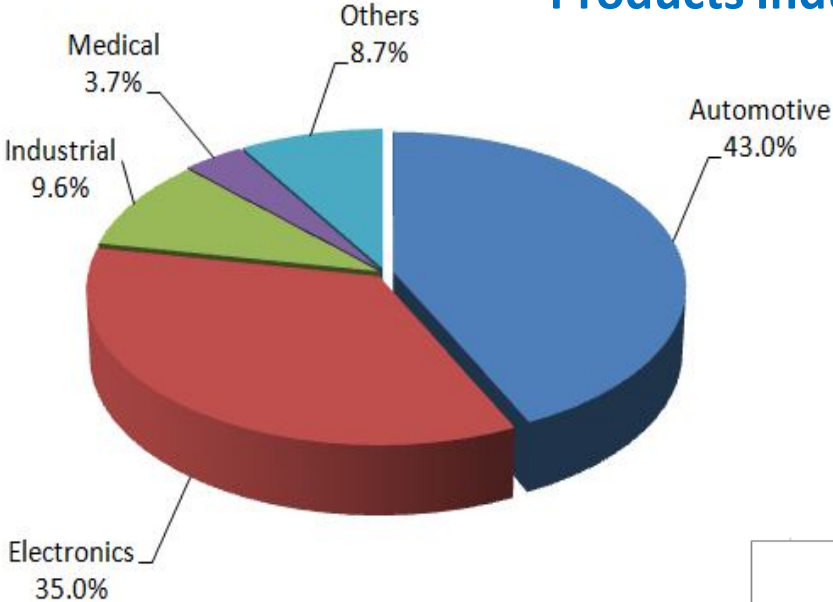
High-glass fiber mold  
High-gloss mold  
Multi-cavity mold  
Connector mold  
Optical mold  
2K & Over-mold

### Other service:

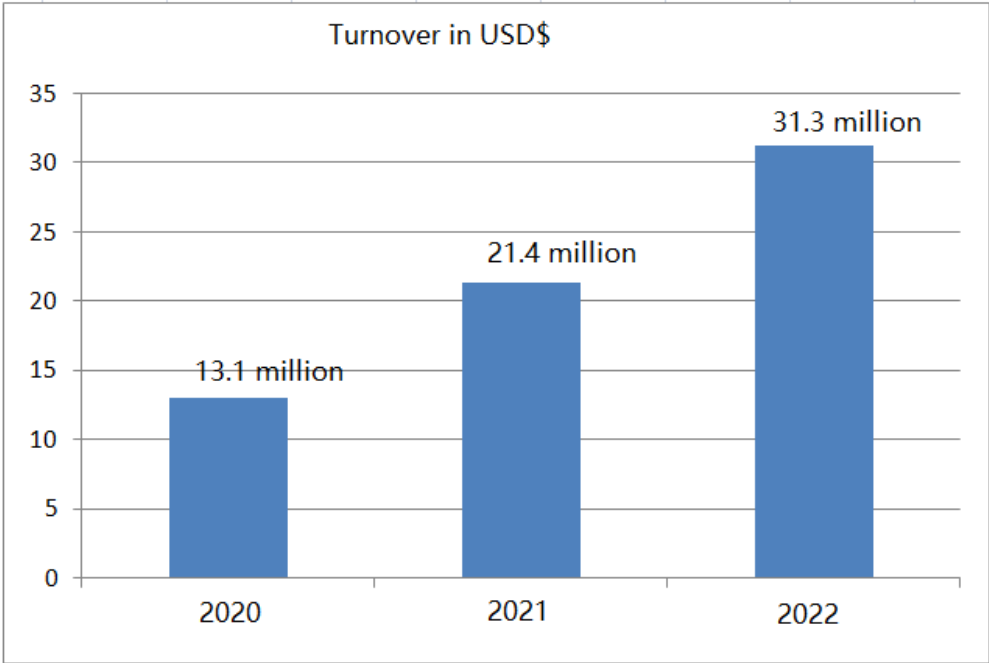
Prototype mold  
Mold Base  
3D cooling system  
Checking Fixture  
CNC machining  
Inserts



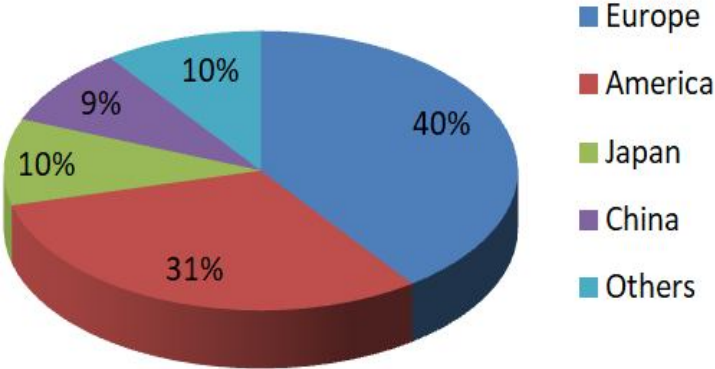
## Products Industries

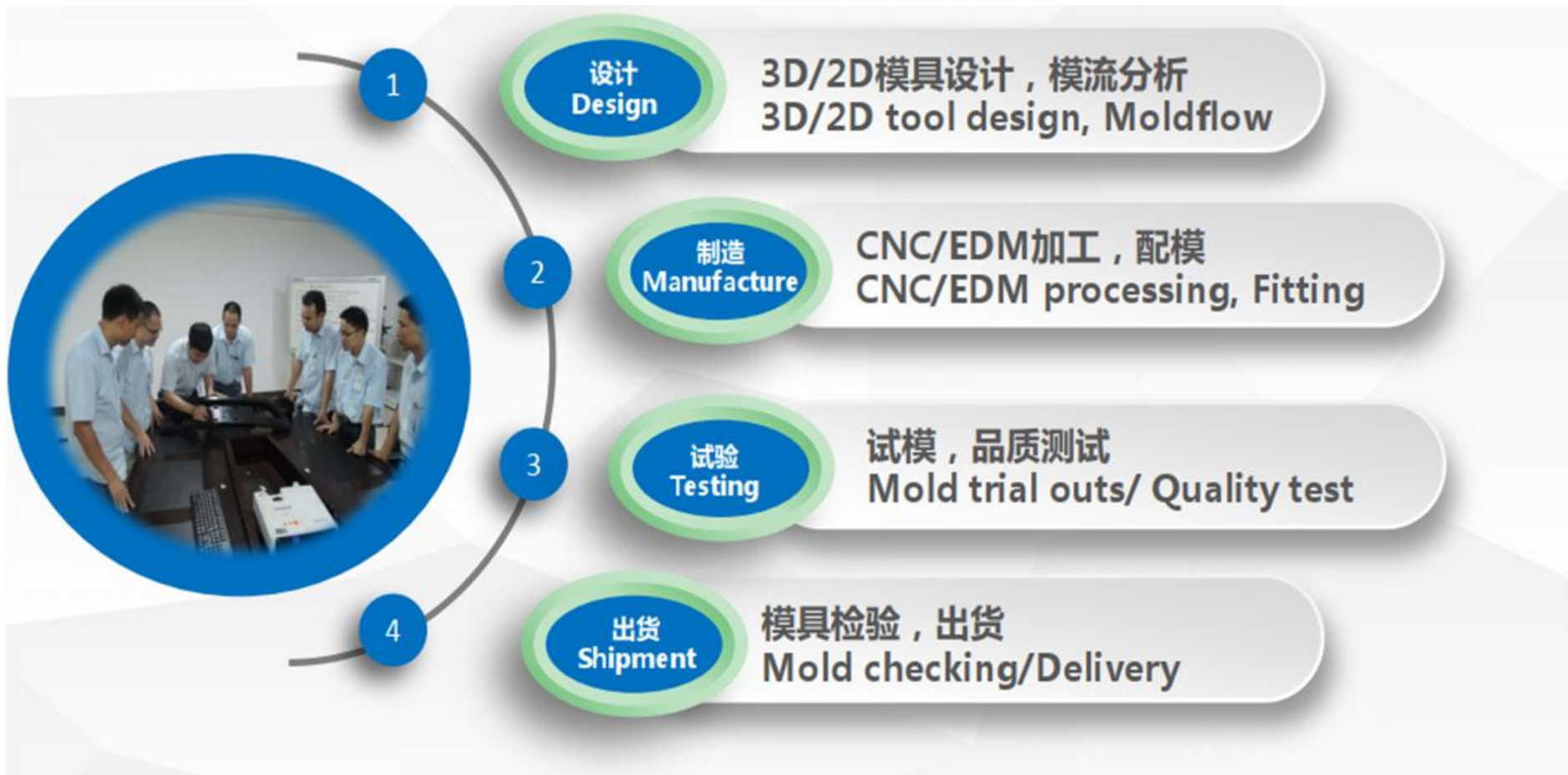


## The Annual Sales



## Markets

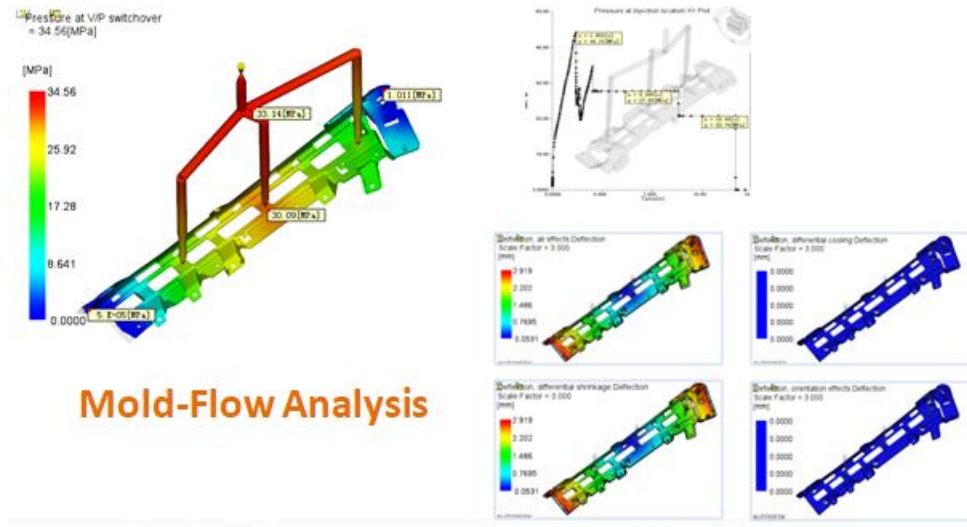




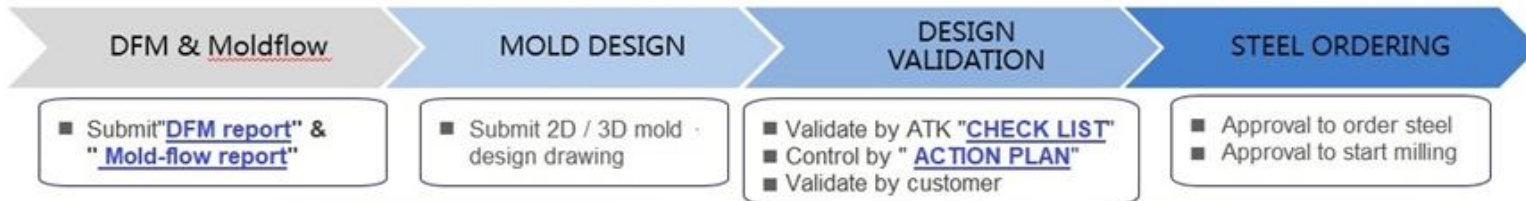
# Design Capabilities



<p>Core competence: <b>Pre-deformation, 2K, technical part</b></p> <p>擅长: 预变形、双色、技术难度高、复杂模具</p>	<p><b>FEASIBILITY STUDY (DFM)</b></p> <p>专业细致的可行性分析</p>
<p><b>Strong engineering support &amp; Optimized designing solutions</b></p> <p>可靠的工程技术支持</p>	<p><b>MOLD FLOW:</b> to analyze cooling, filling, warpage</p> <p>详细的模流分析</p>



# Project Management



- Submit "DFM report" & "Mold-flow report"

- Submit 2D / 3D mold design drawing

- Validate by ATK "CHECK LIST"
- Control by "ACTION PLAN"
- Validate by customer

- Approval to order steel
- Approval to start milling



Check List



Steel Certificate

## MOLD MANUFACTURING



- Submit "MOLD PROGRESS REPORT with photos" at each week.
- Every component is measured by CMM before the next process.
- All electrodes are equipped with EROWA fixture.
- Fully implementation of ERP system.



Mold Progress Report



# Our Team



# CNC Capabilities



## RÖDERS CNC



## MORI SEIKI CNC



# EDM Capabilities



## OPS INGERSOLL EDM



# Quality Department





**Injection Machine: 100T/ 160T / 250T/470T**

# Scientific Trial



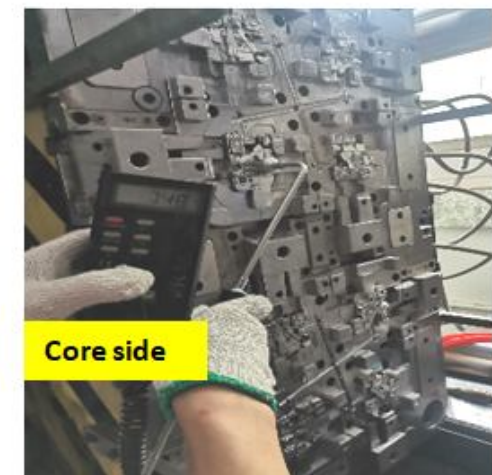
Resin



Cavity side



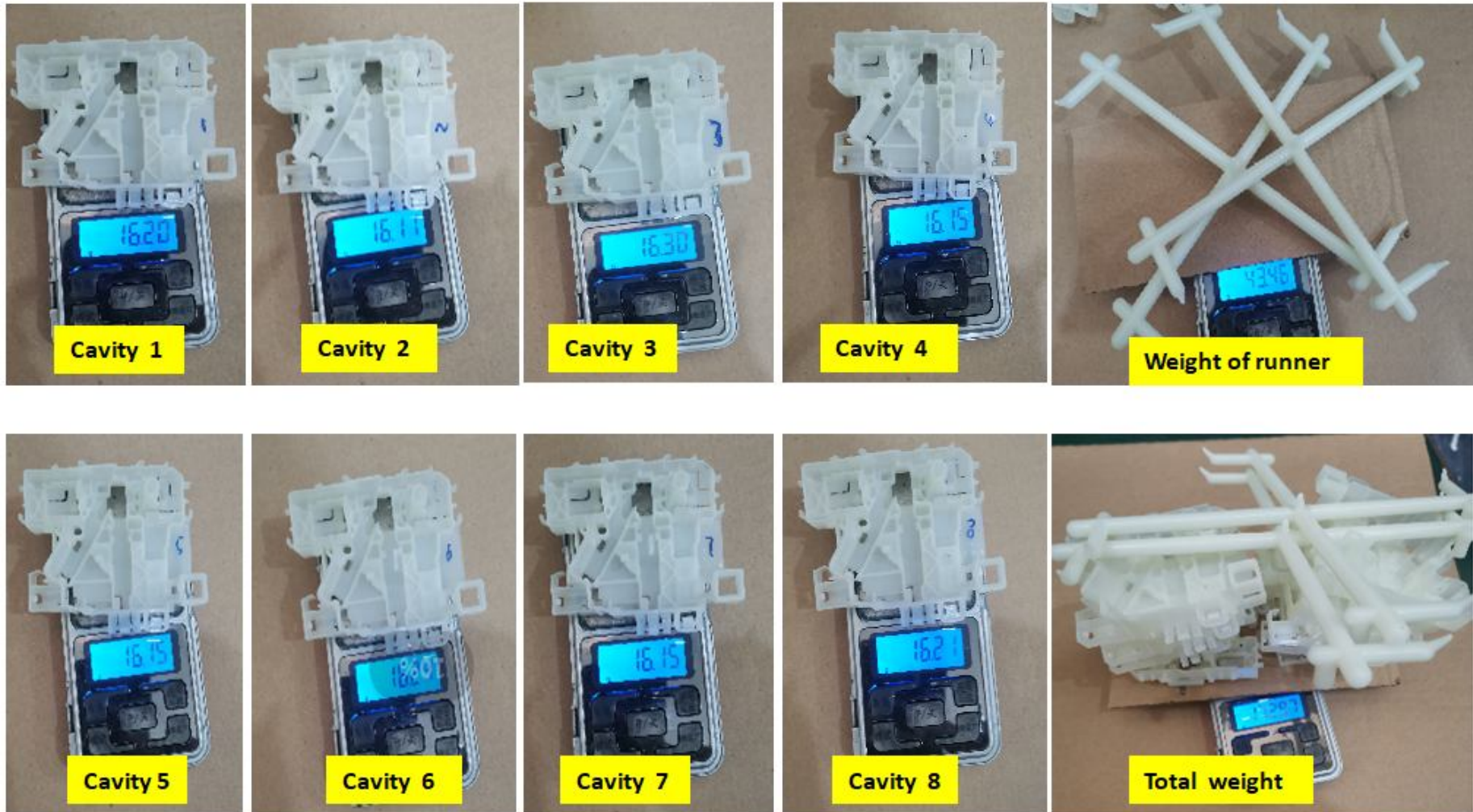
Core side



# Scientific Trial



$$\frac{\text{Runner weight}}{\text{Runner weight + parts weight}} = \frac{43.46\text{g}}{172.97\text{g}} = 25.1\%$$



# Automotive Part



# Automotive Part



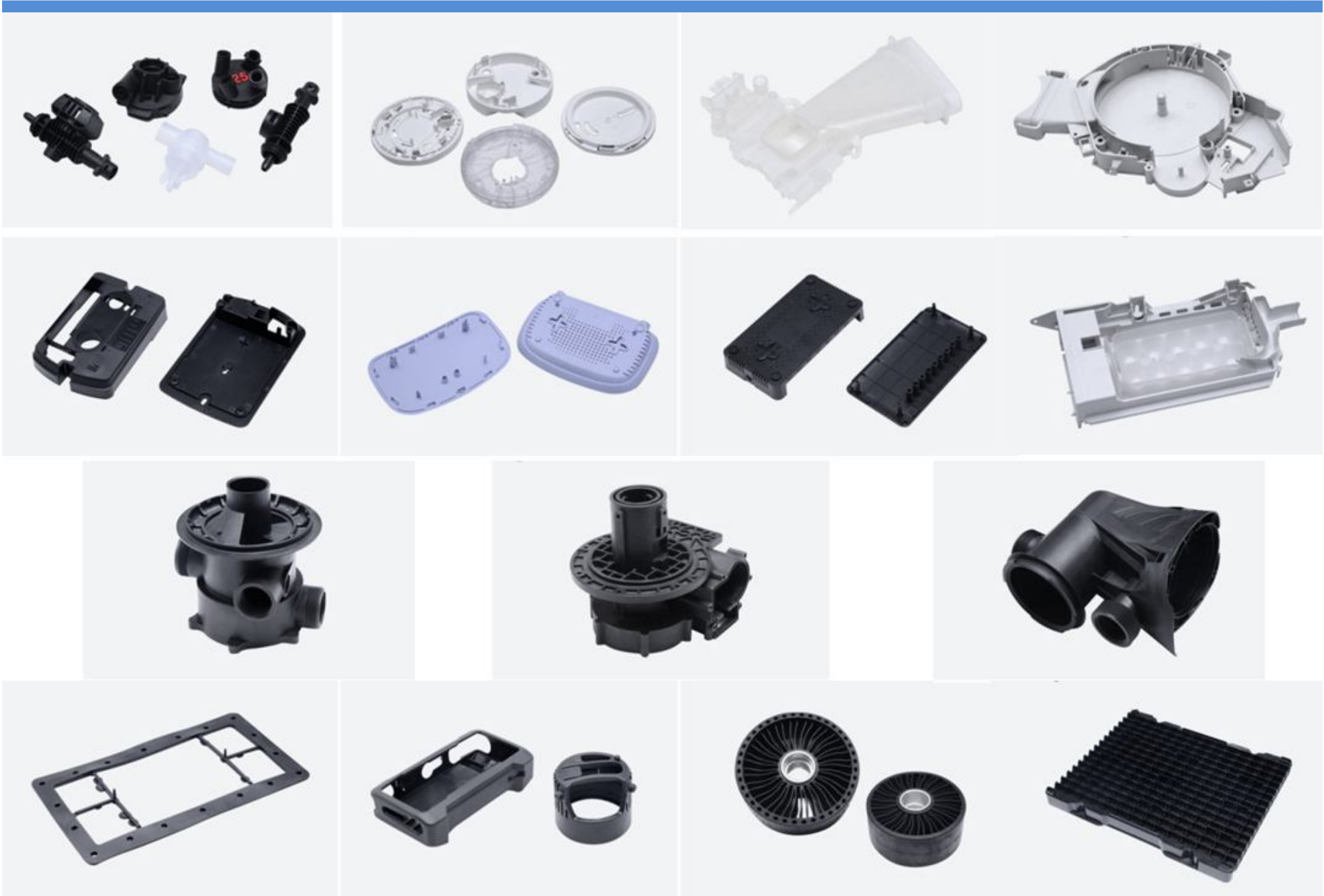
# Optical Part



# 2K & Over mold Part



# Others sample



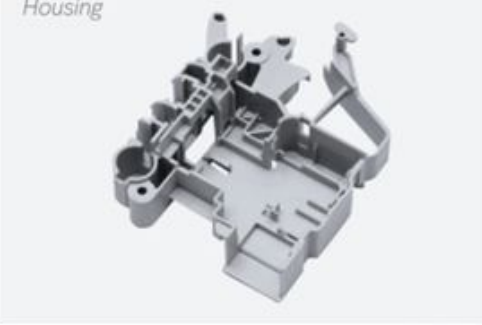
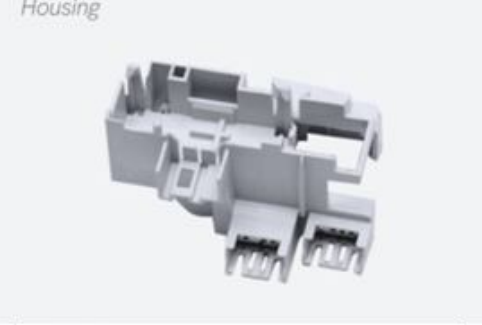
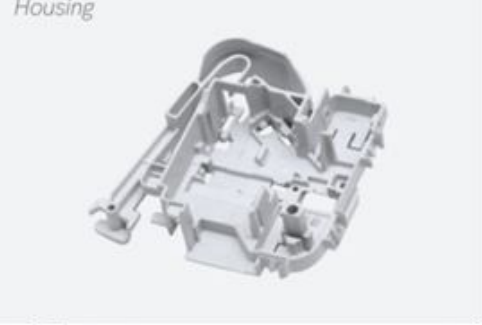
# High Precision Part



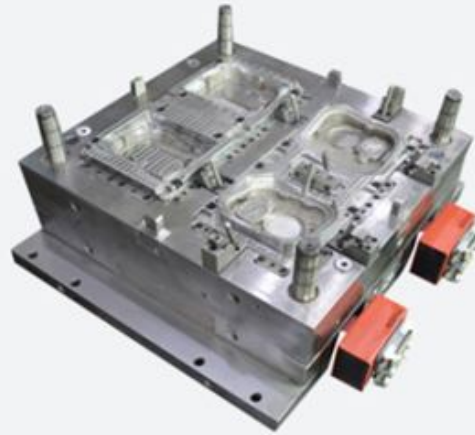
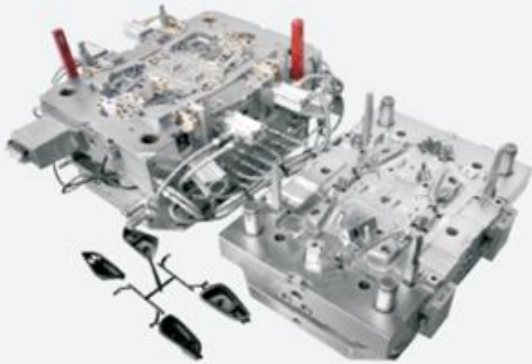
Housing

Housing

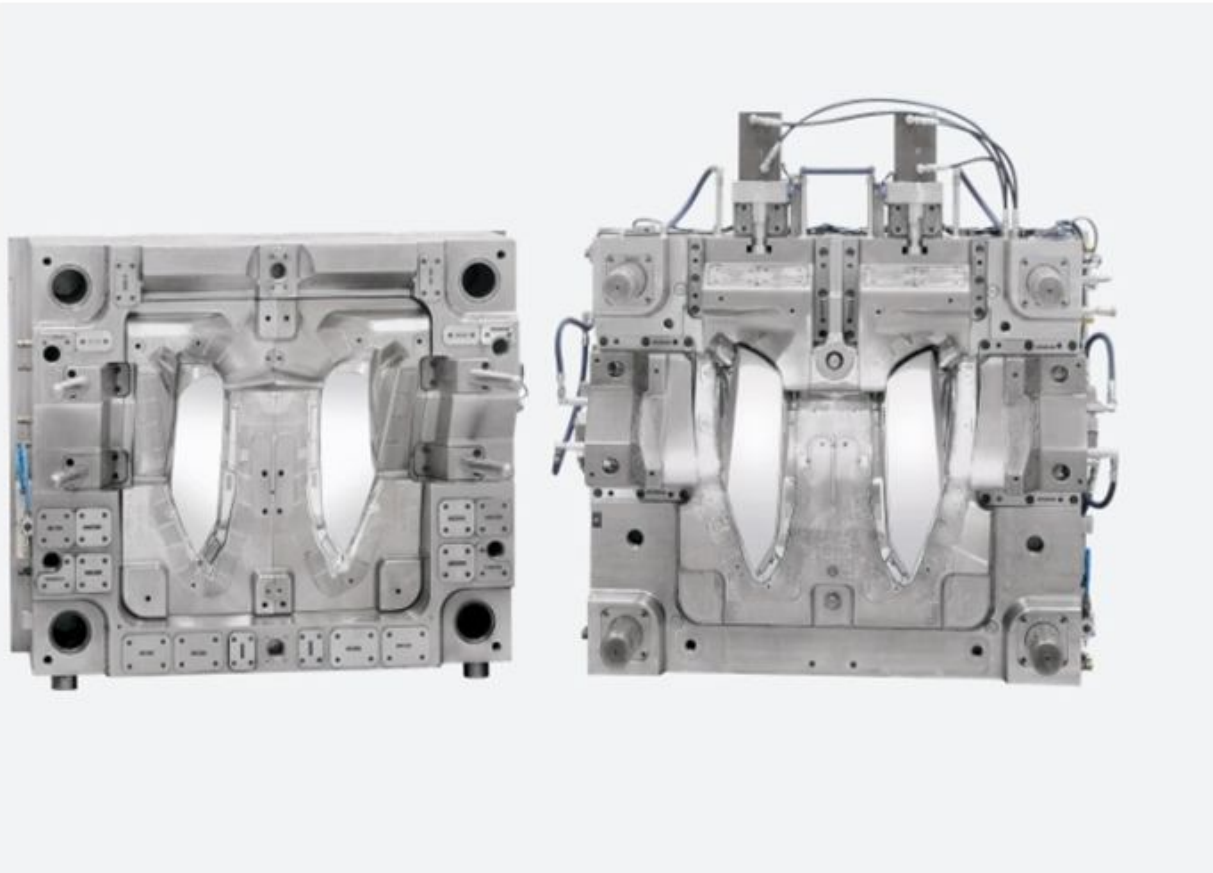
Housing



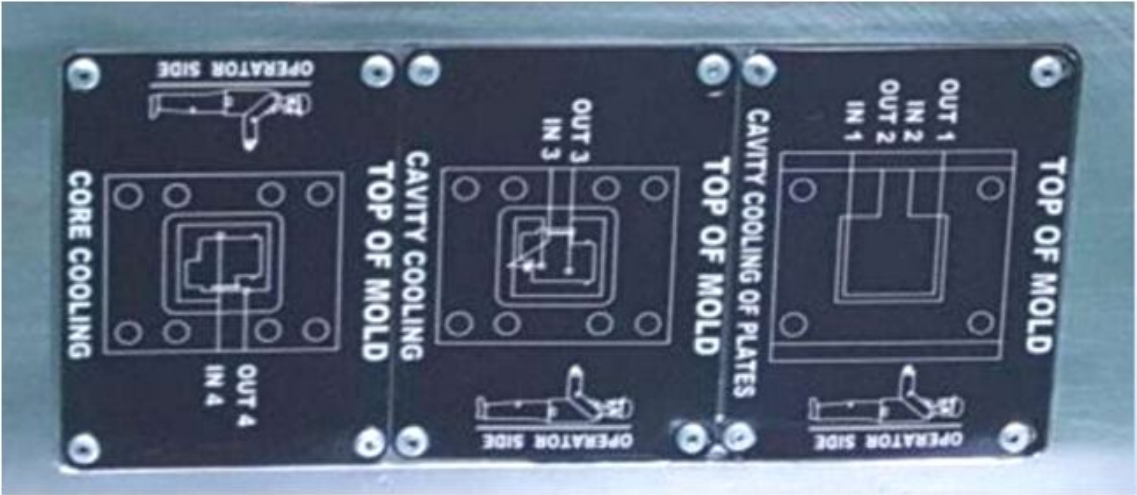
# Mold Picture



# Mold Picture



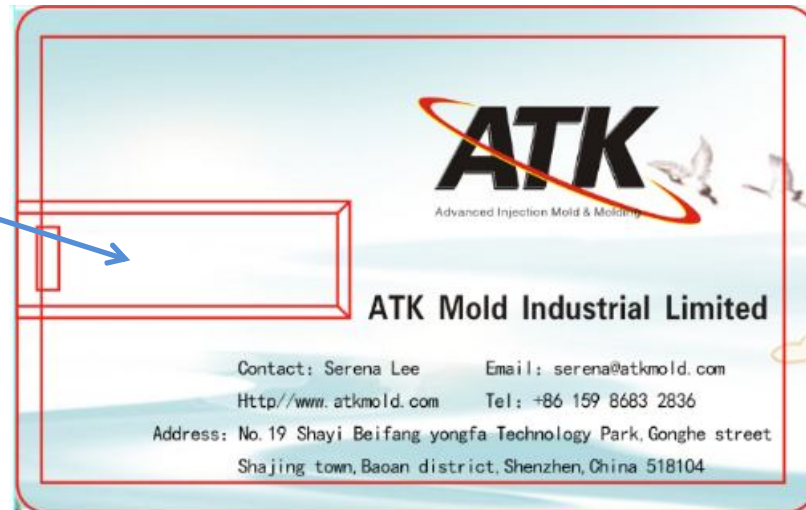
# Mold Ship



Part name:	Griffschale L & Griffschale R 1+1		
Part number:	4104.6700.00	Cavities number:	1+1
Material:	PC-ABS	Shot weight:	101 g
Mold number:	M8033.03-1	Max ejection:	70 mm
Mold size:	550X600X412	Weight:	720 kg



USB Disk



## Documents ship with tools

- 1). Part drawing and latest dimensions reports.
- 2). Steel dimensions reports.
- 3). Steel certifications.
- 4). Tool assembly drawing printings.
- 5). Mold tryout process sheet .
- 6). Tool check-list.
- 7). CD contains 2D & 3D mold drawing,  
3D electrode data and all above information.

The End



---

WELCOME YOUR VISIT  
& LOOK FORWARD TO WORK WITH YOU

THANK YOU!