



義思騰模具

Ebest Precision Mould

# Brochure

*Professional Mold Maker in China*



# EBEST Precision Mould Limited

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## Brief description

- 38,000 square feet with 45 employees, including a dedicated team of 10 engineering team members. Our facility is equipped with advanced manufacturing machinery. Strong manufacturing & engineering techniques are an integral part of our culture.
- We have completed many projects for a wide variety of products such as electronics, automotive components and household appliances
- We have become specialists in the design and build of high tolerance tooling

## Advantage

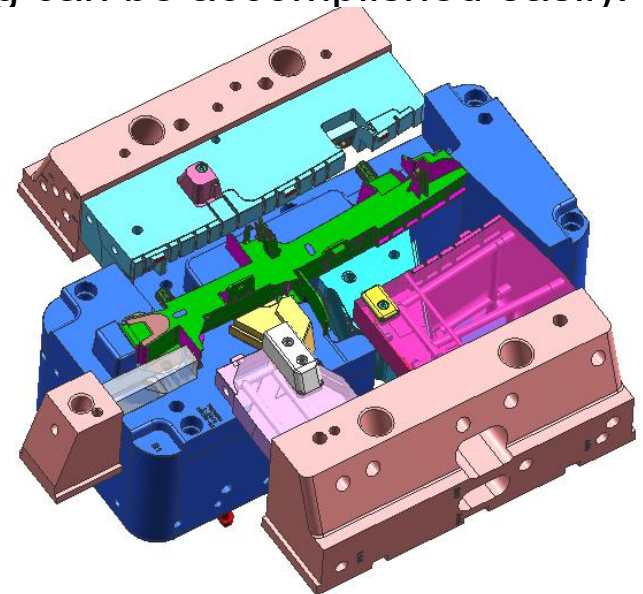
- Ebest continues to invest in our people and manufacturing equipment.
- Ebest continues to expand our capabilities and capacities year after year.
- Ebest offers solid experience on complex and precision moulds.
- Ebest utilizes strict scheduling controls that ensure an on-time delivery.
- Our expertise in mold manufacture and molding provides our customers with an excellent quality tool at a reduced cost.



# EBEST Precision Mould Limited

## Engineering

- 8 designers, 3D design with NX, ProE, Solidworks, AutoCAD is utilized for 2D
- 5 programmers, 4 project managers/engineers
- We provide a Design For Manufacture(DFM) technical report for each part
- MOLDFLOWS and 2D/3D designs, are reviewed with customer to ensure a quality mold and production parts
- Part of our design process includes modification of the 3D model to meet the tolerance requirements of the final part. Steel is designed to a “steel safe” condition whenever possible to ensure that that any final tuning can be accomplished easily.





# EBEST Precision Mould Limited

## Advanced Equipment

- **CNC:** 9 sets CNC Machines, 2 sets high speed CNC, 3 sets CNC for electrodes.
- **EDW/EDM:** 5 sets EDM Machines, 1 set double-head EDM; 2 sets precision EDW from Japan. To make precision molds, we invest in high quality machines.





# EBEST Precision Mould Limited

## Assembly

### ● 5 Assembly Teams





# EBEST Precision Mould Limited

## Professional Mould Trial Team

- 5 injection molding machines: 50T 128Tx2, 260T, 470T.
- 1 bi-injection machine: 160T, rotating plate diameter 570mm
- 1 bi-injection machine: 320T, rotating plate diameter 890mm

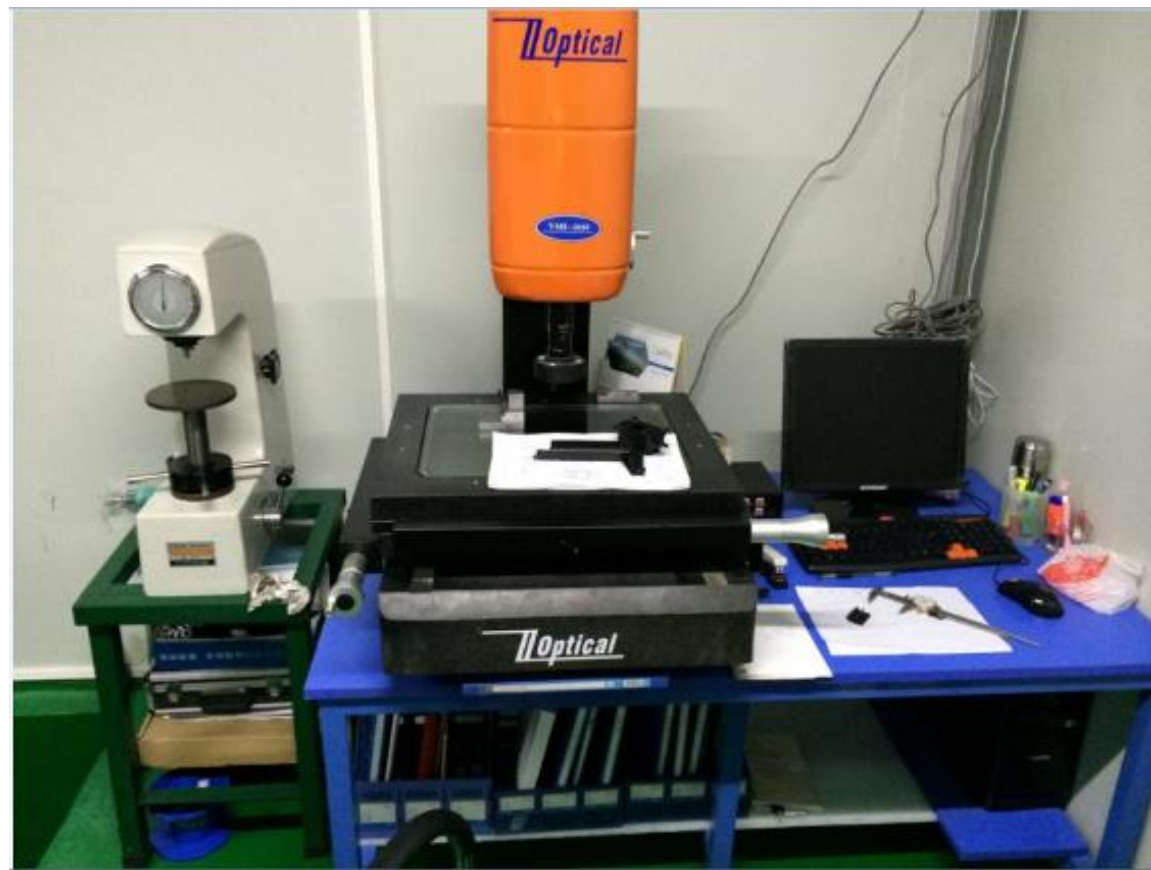
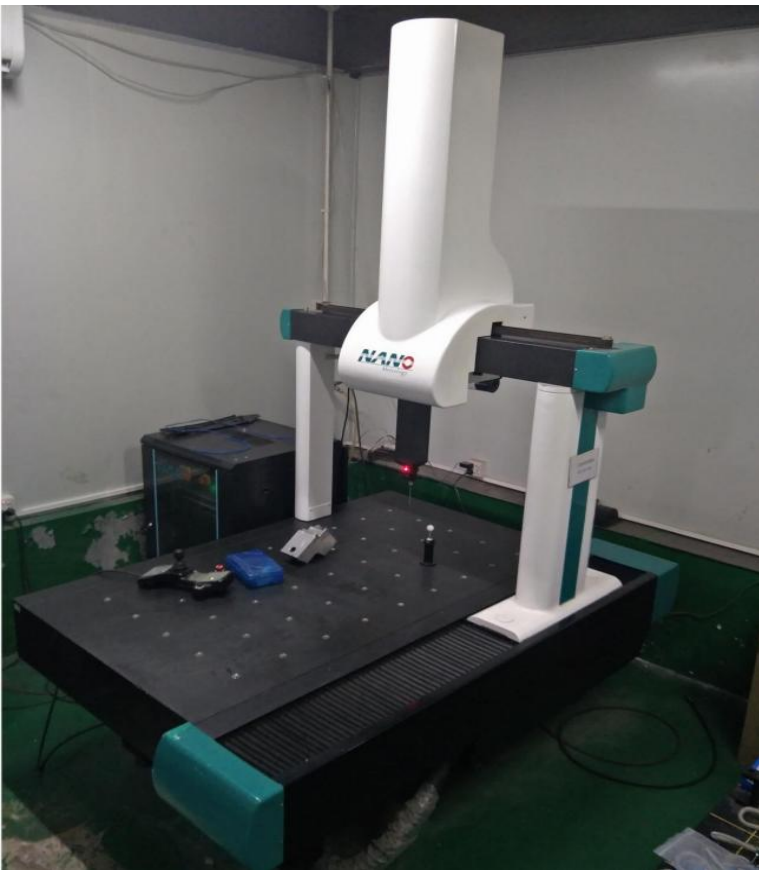




# EBEST Precision Mould Limited

## Quality control

- **3MM/Smart scope:** Electrodes/steel and sample dimensional inspection.
- **Hardness Tester:** Steel Hardness Inspection.





# EBEST Precision Mould Limited

## IATF 16949 : 2016 Certificates

Certificate of Registration



This is to certify that the Quality Management System of

Ebest Mould Technology (Dongguan) Co., Ltd.  
1st and 3rd Floors, No. 3, Shanzhuang 1st Road, Guanjingtou Village, Fenggang Town, Dongguan City, Guangdong Province, 523705, China.

applicable to

The manufacture of plastic injection moulded parts

has been assessed and registered by  
NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX, Bedfordshire, England  
against the provisions of

**IATF 16949:2016**  
(Clause 8.3 product design of IATF 16949 : 2016 is justifiably excluded)

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA

  
Managing Director



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NQA Certificate No: T178696  
IATF Certificate No: 0454156  
Date: 20 July 2022  
Valid Until: 19 July 2025  
Version: 1



NQA is a trading name of NQA Certification Limited. Registration No. 05311758. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX. This certificate is the property of NQA and must be returned on request.

Revision Date: Feb 2017

Page 1 of 1

Issue 5

Certificate of Registration



兹证明

**东莞市义思腾模具科技有限公司**  
广东省东莞市凤岗镇官井头村山庄一路3号一楼、三楼

的质量管理体系适用于

**注塑件的生产**

已经 NQA 根据标准

**IATF 16949:2016**  
(删减产品设计)

审核和注册

本注册要求组织必须按照上述标准保持其质量管理体系，并由 NQA 进行监督。若有任何争议，以英文证书为准

  
Managing Director



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Page 1 of 1

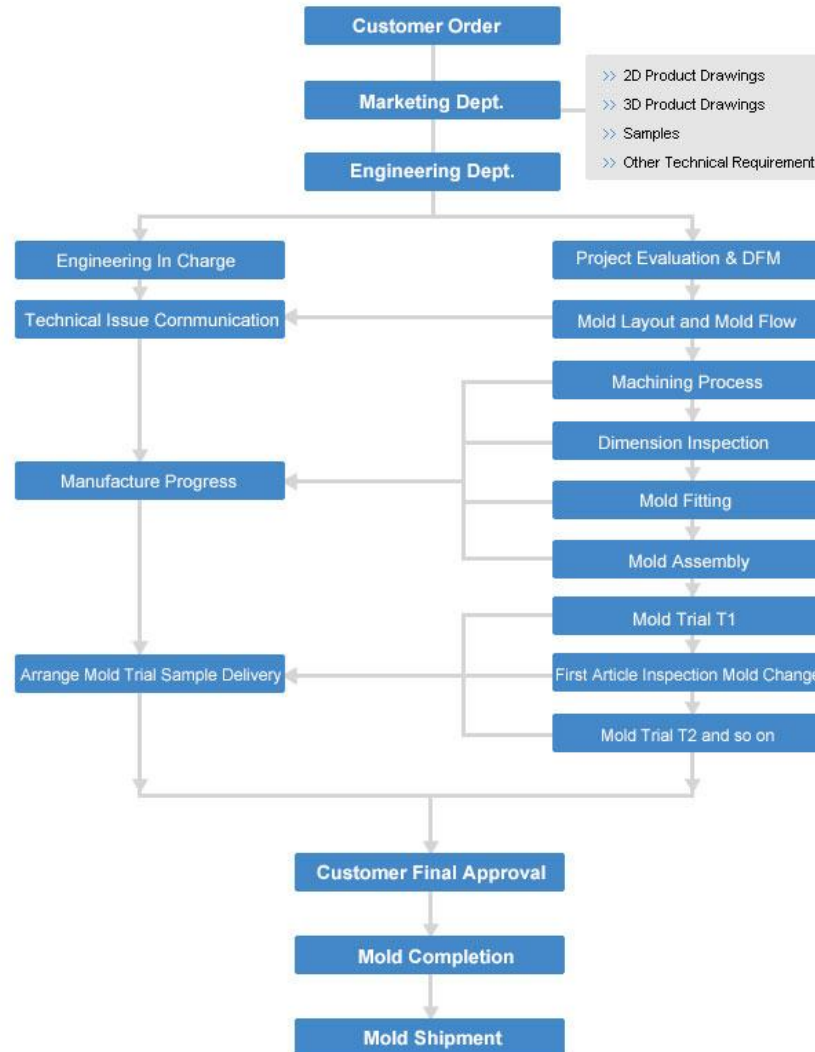
Issue 5





# EBEST Precision Mould Limited

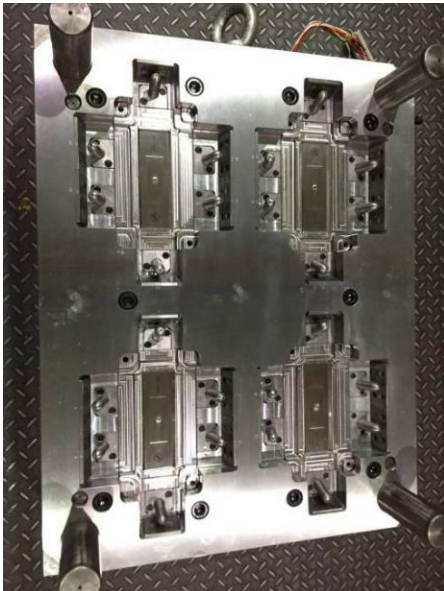
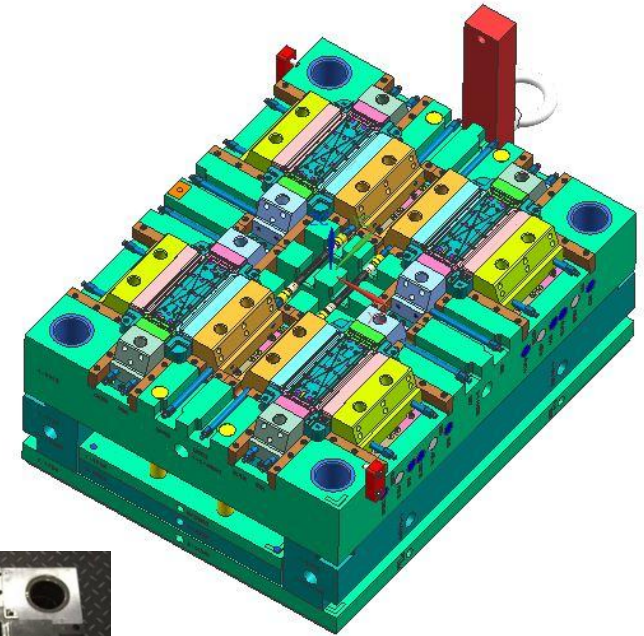
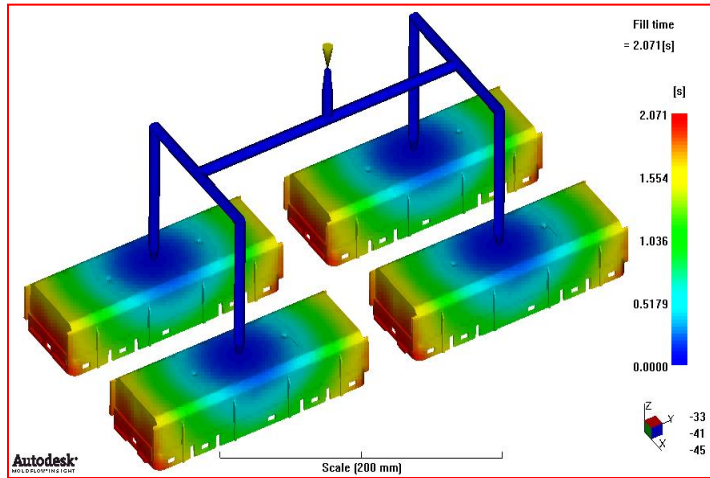
## Project Management Procedure





# EBEST Precision Mould Limited

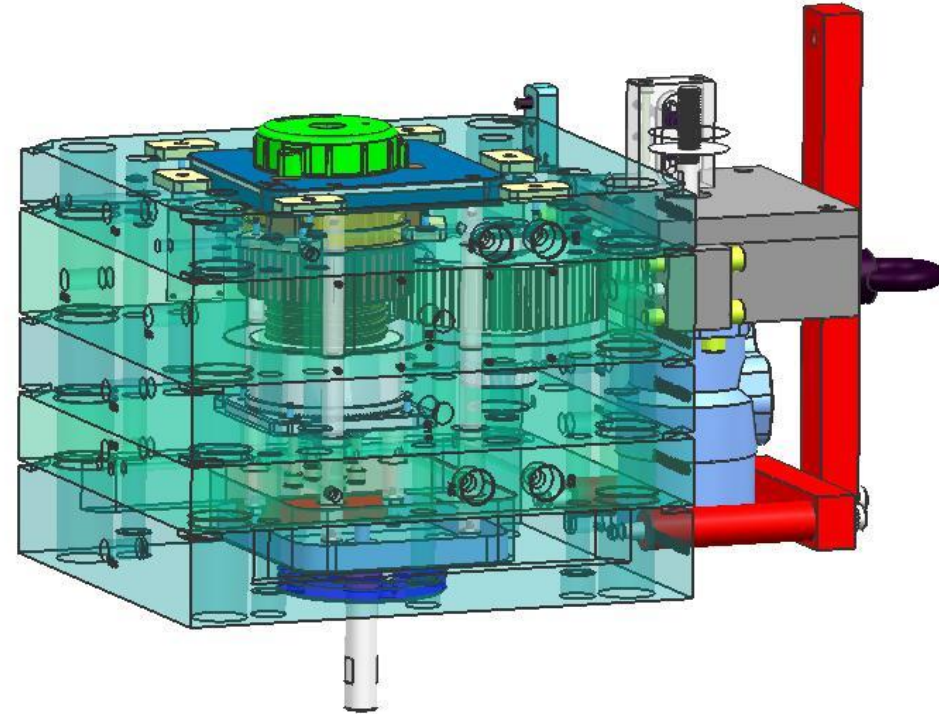
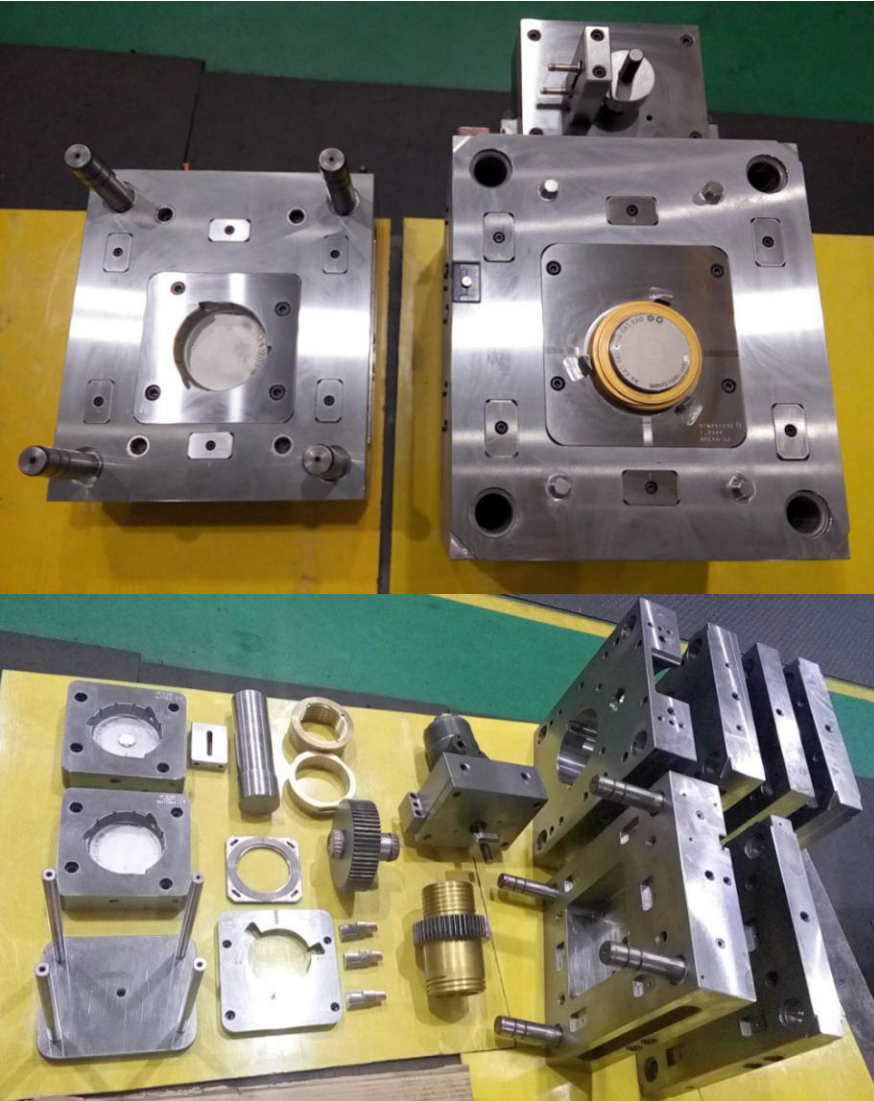
## MOLDFLOW Analysis & 3D Design & Mold





# EBEST Precision Mould Limited

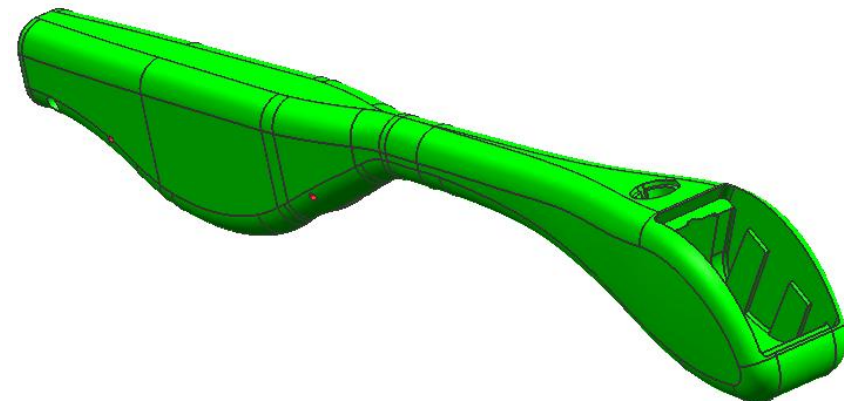
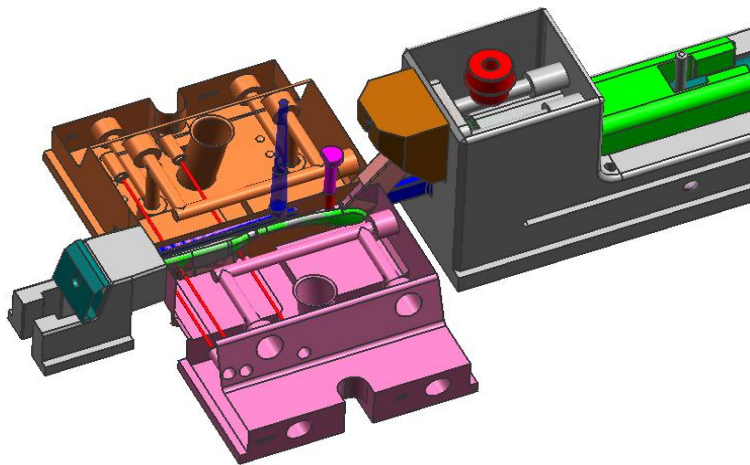
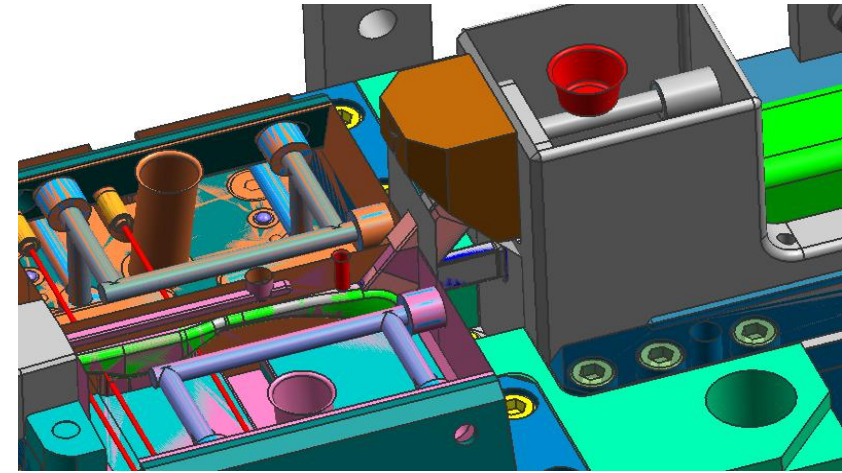
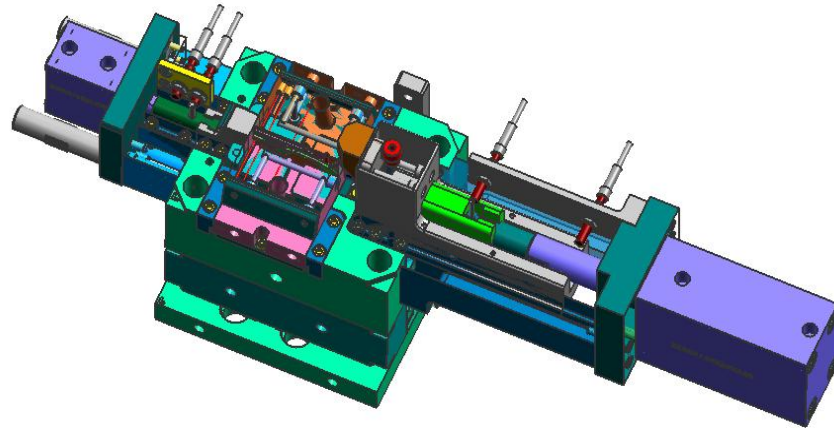
## Unscrewing over mold





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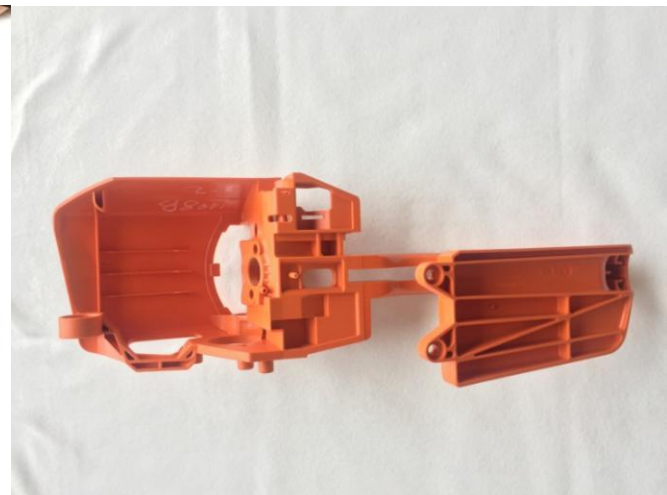
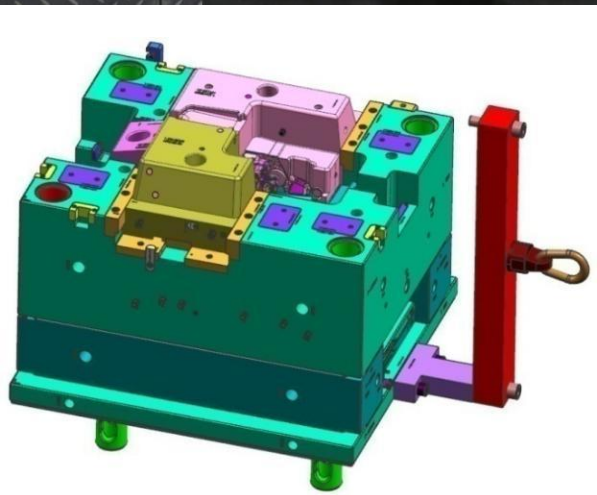
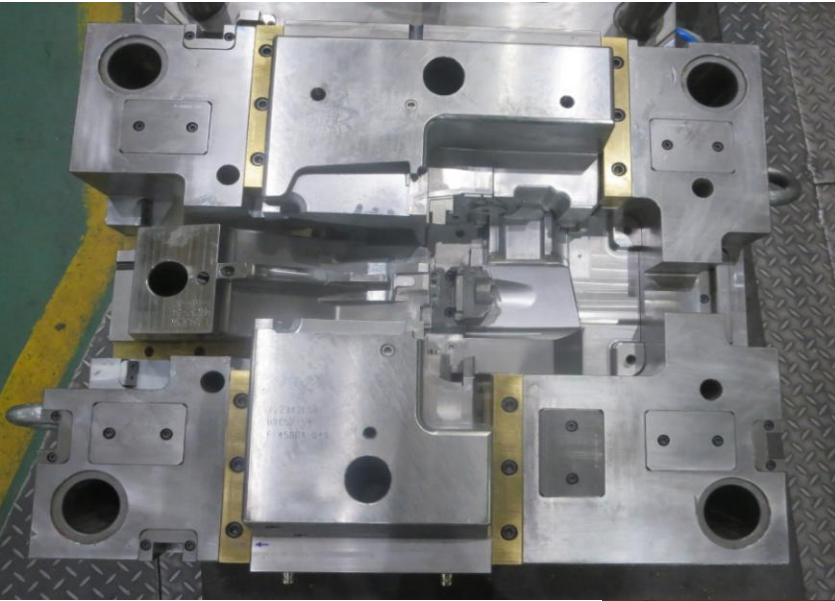
## Medical Part





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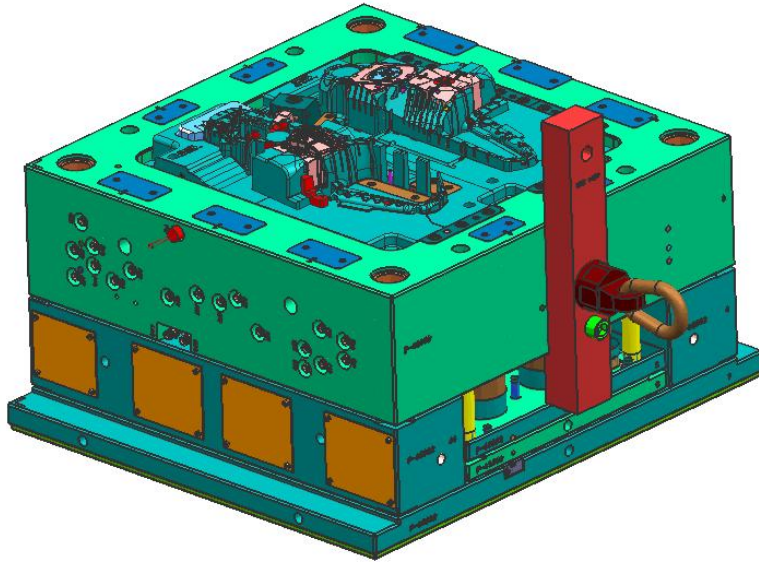
## STIHL Electric Power Tool





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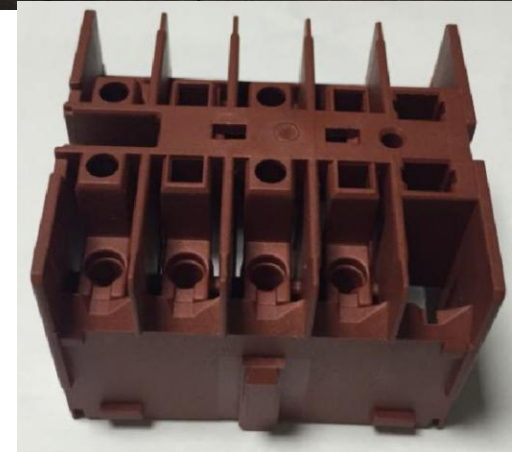
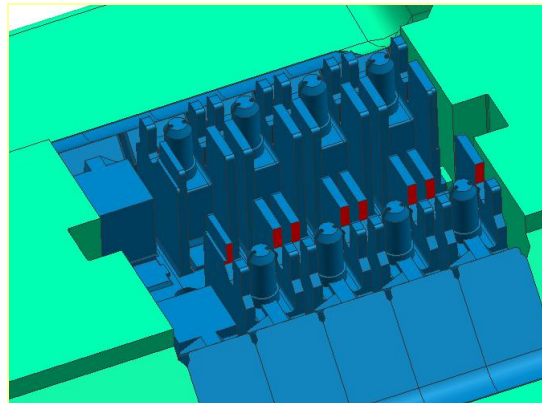
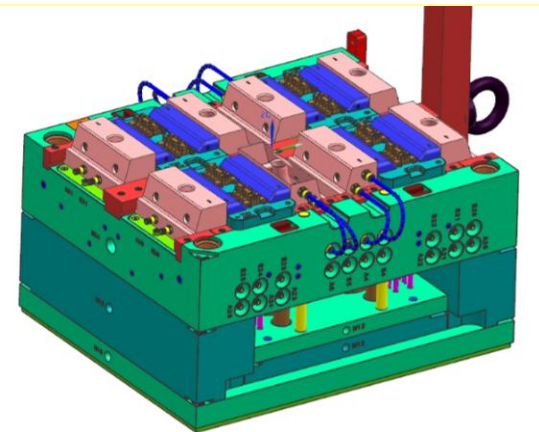
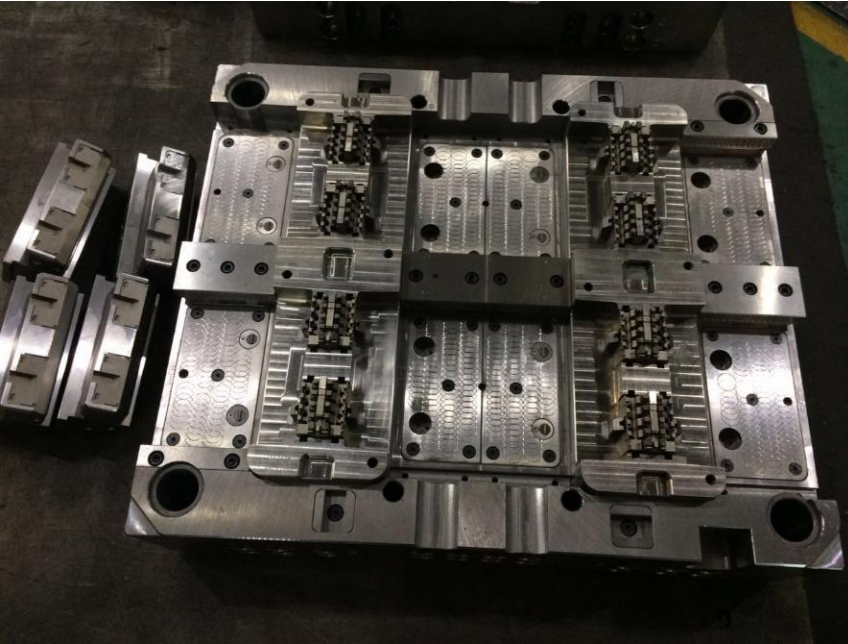
## STIHL Electric Power Tool





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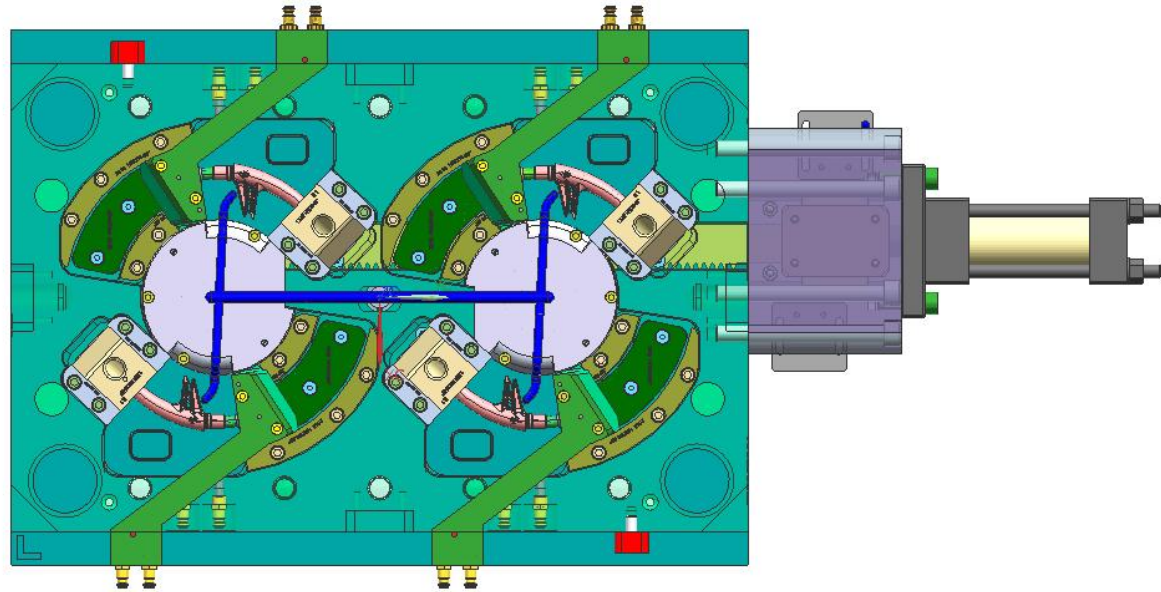
## High quality ABB moulds





# EBEST Precision Mould Limited

## Bend pipe mould

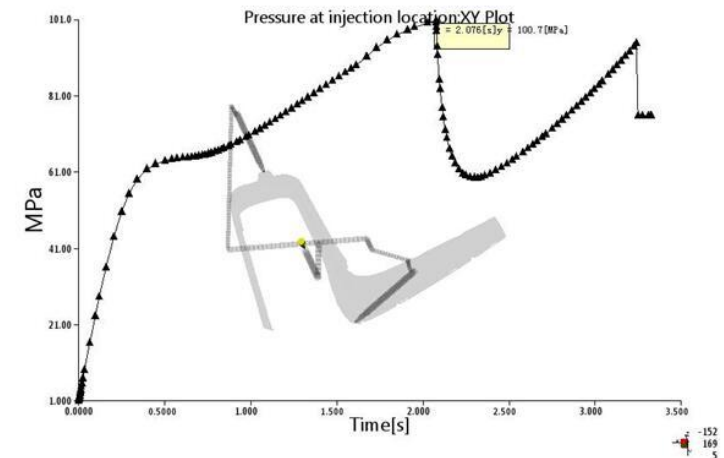
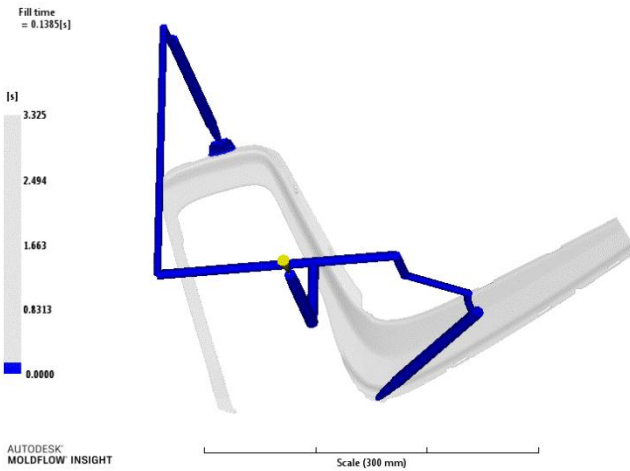






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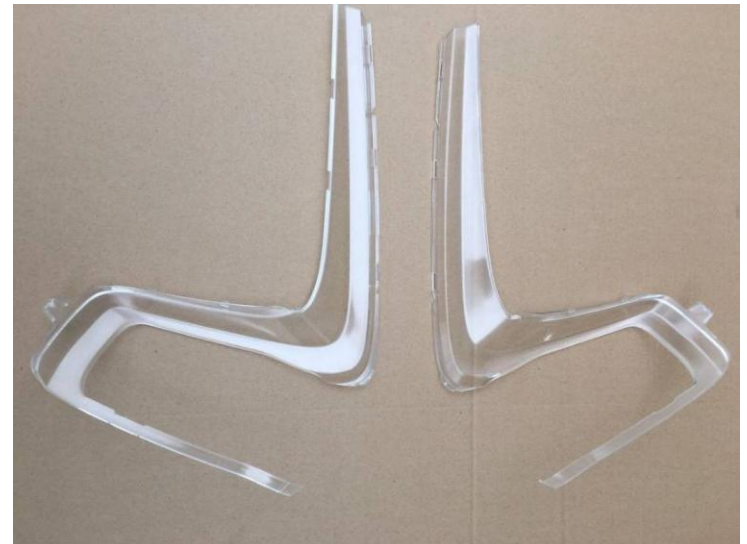
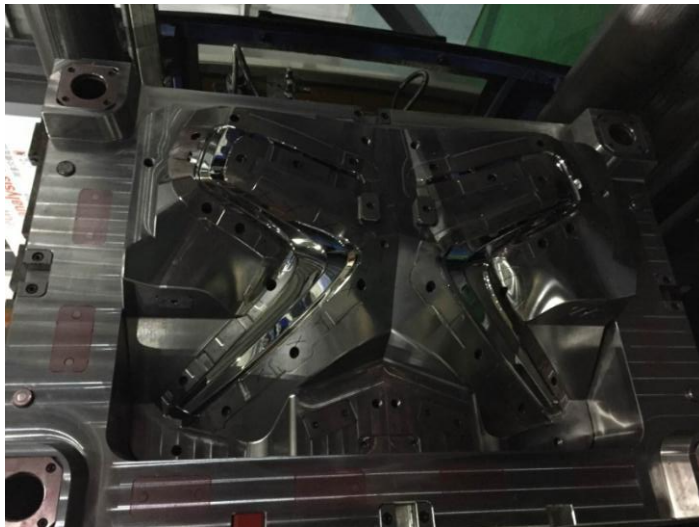
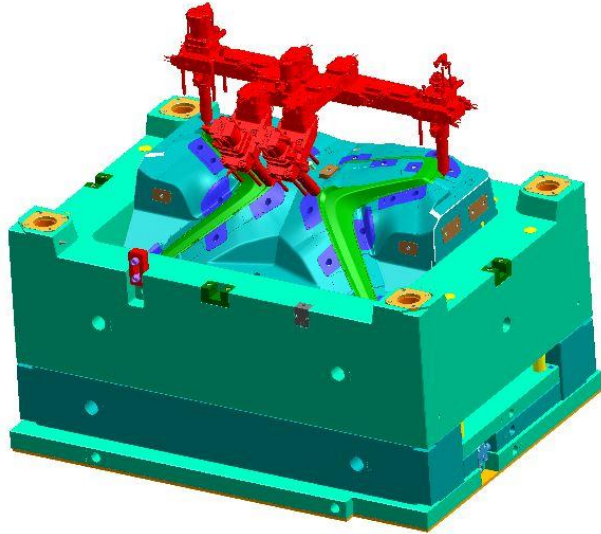
## MOLDFLOW Analysis





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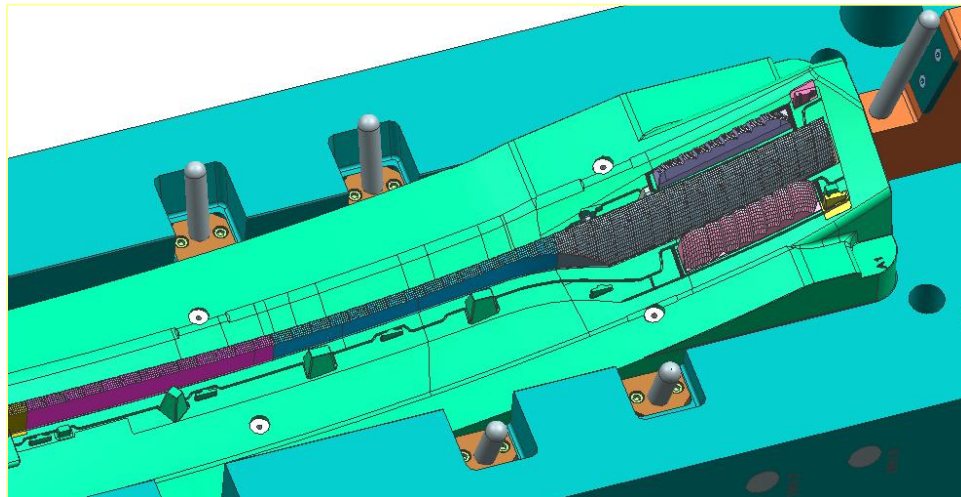
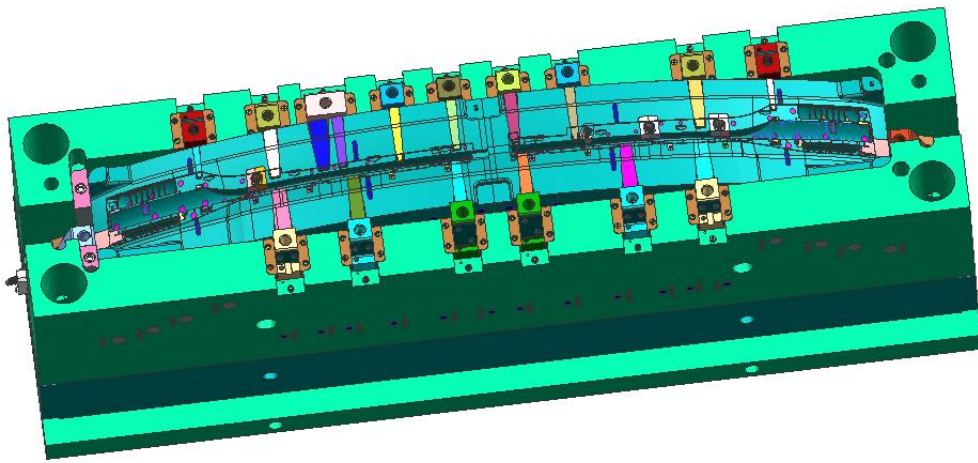
## 3D Design and Mold





# EBEST Precision Mould Limited

## Moulds for Porsche Macan





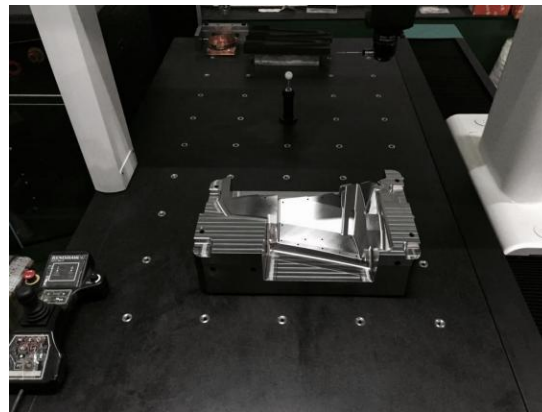
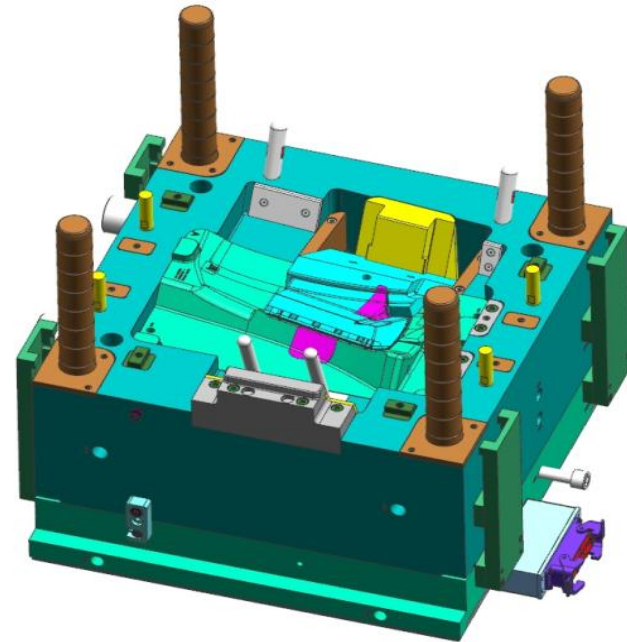
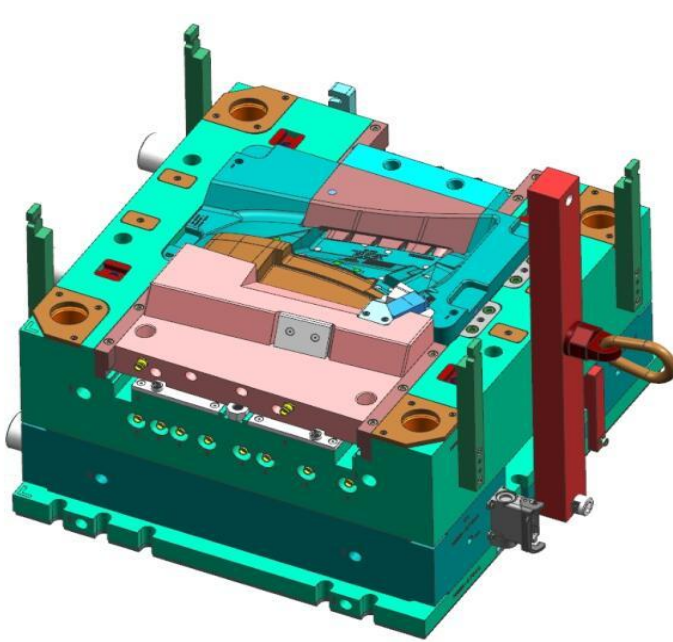
# EBEST Precision Mould Limited

## Automotive mould





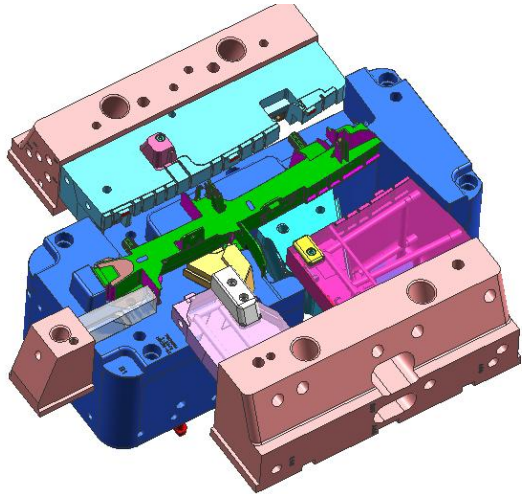
# EBEST Precision Mould Limited





# EBEST Precision Mould Limited

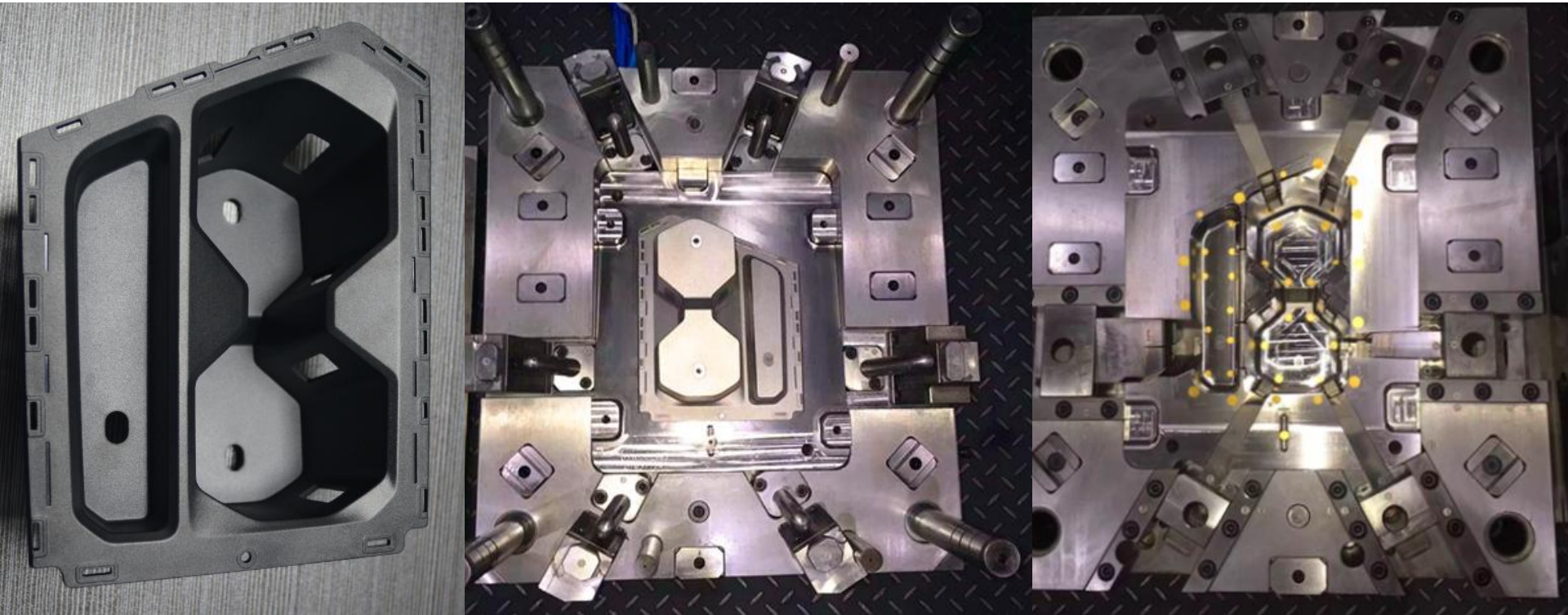
## Automotive Lock System for Ford





# EBEST Precision Mould Limited

## Ford Cup holder





# EBEST Precision Mould Limited

## Seatshell







# EBEST Precision Mould Limited

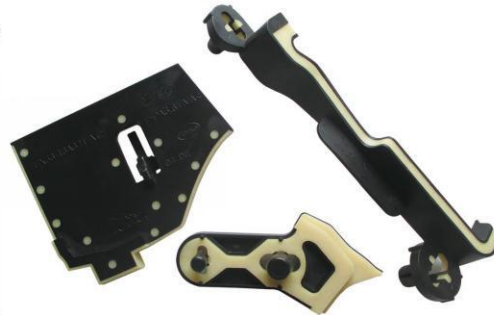
## Standard for Mould shipping





# EBEST Precision Mould Limited

## Our Products





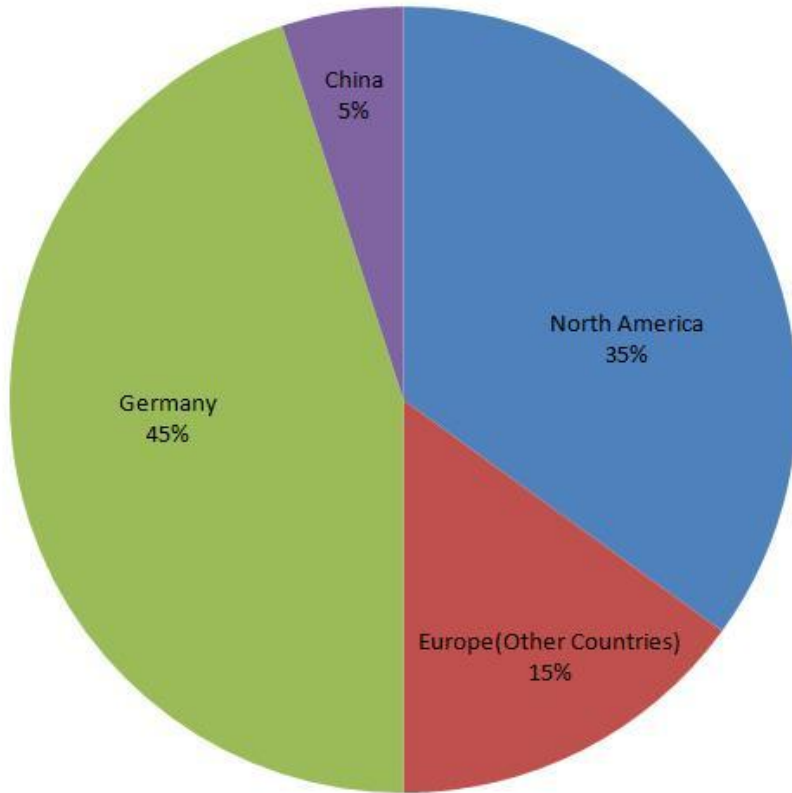
# EBEST Precision Mould Limited





# EBEST Precision Mould Limited

## EBEST Mould Market Breakdown



## Customer Reference

### Tier 1



### Final Customer





# EBEST Precision Mould Limited

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# Thank you

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