

 **SAMU**

# Business Policy

Professional Plastic Injection Mold Manufacturer Since 1989

- SAMU offers customers high quality plastic injection molds by technicians skilled and engineers in excellent in-house facilities as well as competitive prices and short lead times
- We aim at having “Total Solution Process” against technical issues during the molds processing through R&D studying and quality assurance organized beyond the mold manufacturing
- Our worldwide customers are served with feedback and maintenance on time by sales offices and production lines in abroad gradually extending



# History

## 1980

**1989. 10** SAMU was established in Seoul, Korea

## 1990

1995. 06 Awarded “Promising Small and Middle Sized Company” by KOREA INSTITUTE OF MACHINERY & MATERIALS

1995. 08 Awarded “Bright Prospect Advanced Technology Corporation” by The Small & Medium Development Administration of Korean Government

**1997. 05** Introduced 3D Design System (U.G)

1998. 10 Changed Company Name with SAMU DIES CORPORATION

1999. 01 Awarded as an “Advanced Technology Competitive Company” by The Small & Medium Development Administration of Korean Government

**1999. 07** Introduced CAE – Moldflow System

1999. 10 Completion of 2nd Plant for Molding Trial Center

## 2000

2000. 04 Completer 3rd Plant for Large Tool Manufacturing

**2000. 09** Founded SAMU MEXICO in Tijuana, Mexico

2002. 01 Introduced ERP System

**2004. 10** Established SAMU THILAND in Amata Nakorn, Thailand

**2004. 10** Established Sales Office in CHICAGO, USA (Moved to Dublin, OH, USA, Aug. 2007)

2006. 10 Established R&D and Machining Center

2007. 11 Awarded “HONORABLE TRADE MAN OF KOREA GRAND- PRIX 2007”

2010. 05 Awarded "Bronze Prize of Industrial”

2012. 12 Awarded “20 Million Dollars Export a Year”

**2014. 06** Established Sales Office in Mexico

**2014. 09** Moved plant to Dang-Jin City for expansion

**2014. 11** Open new sales office in Germany

**2019. 7** Open new factory in Guanajuato Mexico

**2020. 1** company name changed to SAMU KOREA.



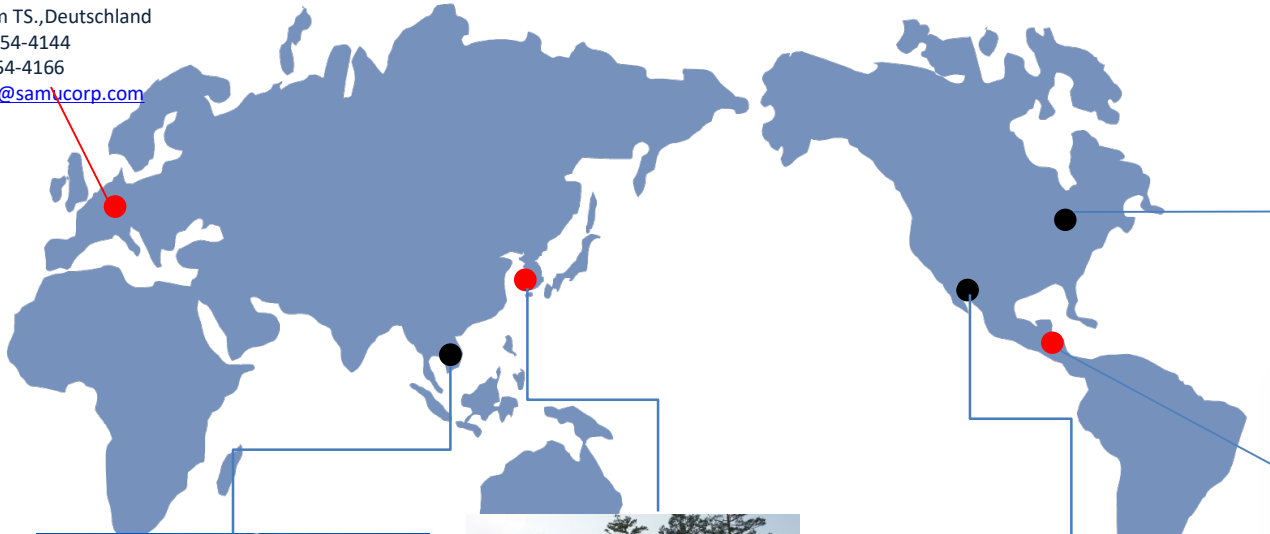
# Network

We manufacture, manage, and serve complete mold programs to global customers with our worldwide service network

## SAMU EUROPE.

Ludwig-Erhard-Str. 30-34  
65760 Eschborn am TS., Deutschland  
Tel: +49(0) 6396-954-4144  
Fax: +49(0)6196-954-4166  
E-mail: [samu-euro@samucorp.com](mailto:samu-euro@samucorp.com)

**Language available;**  
English, Japanese, Chinese,  
Thai, Spanish.



## SAMU AMERICA Inc.

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Dublin, Ohio 43017

Tel: +1 614-389-2575  
Fax: +1 614-734-8301  
E-mail: [ssamu-usa@samucorp.com](mailto:ssamu-usa@samucorp.com)



## SAMU THAI .

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Amphur Mueng  
Chonburi 20000, Tahiland  
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Fax: +66 (0)38-454-757  
E-mail : [samuthai@samucorp.com](mailto:samuthai@samucorp.com)



## SAMU KOREA .

Head Office

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Chungnam-do, Korea  
Tel: +82 41 430 3332  
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E-mail : [tes@samucorp.com](mailto:tes@samucorp.com)



## SAMU MEXICO(TIJUANA)

Privada Baja Maq. 19850-B  
Parque Industrial Baja Maq.. Ins. Tijuana, B.C.  
Tel: +52 664-626-8958  
Fax: +52 664-626-8959  
E-mail: [samu-sandiego@samucorp.com](mailto:samu-sandiego@samucorp.com)

**NEW**

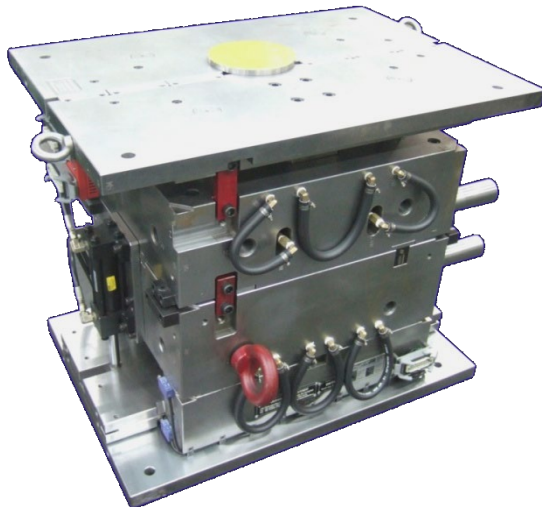
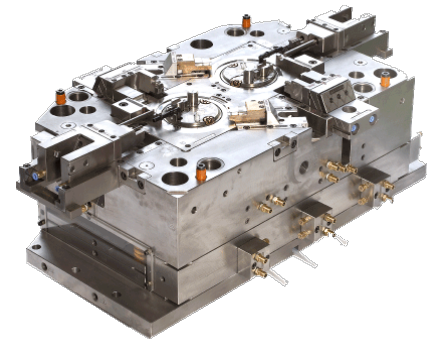
## SAMU MEXICO(GTO)

Parque Industriall Santafe 3, Puerto Interior  
Salio, Guanajuato, Mexico.  
Tel: +52 -477-711-8429  
Fax: +52 -664-626-8959  
E-mail: [samu-gto@samucorp.com](mailto:samu-gto@samucorp.com)



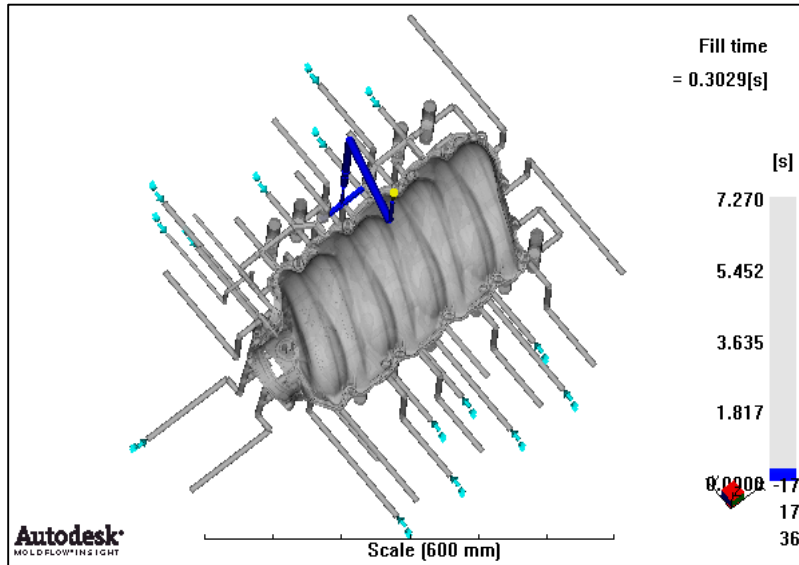
# Capacity

- **Maximum Mold Size (Weight) ----- 20 Ton  
(Crain Capability)**
- **Maximum Trial Capabilities (IMM) ---- 2,000 Ton**
- **Special Molding Capability ----- Gas Assist Molding, Steam Molding,  
(Core back-attack molding, Rotate molding, Die slide molding)**



# CAE

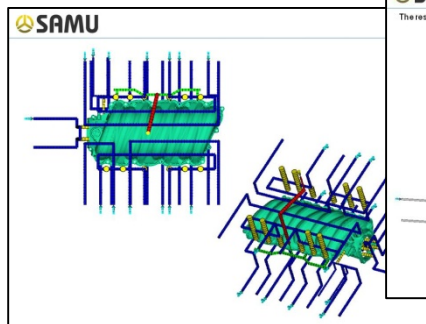
## ▪ Animation – Gif.



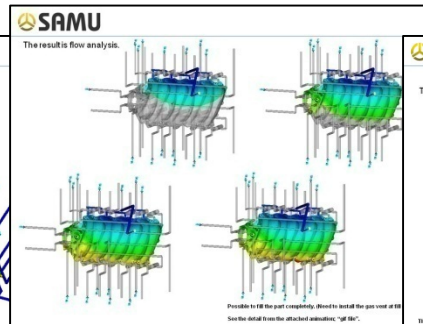
## ▪ Capabilities

- ✓ Gate location
- ✓ Filling stability
- ✓ Injection Pressure
- ✓ Pressure distribution
  - ✓ Clamping force
    - ✓ Weld line
- ✓ Part temperature
  - ✓ Gas trap
  - ✓ Deflection
- ✓ Glass fiber orientation
  - ✓ tension
- ✓ Cooling analysis
- ✓ 3D analysis

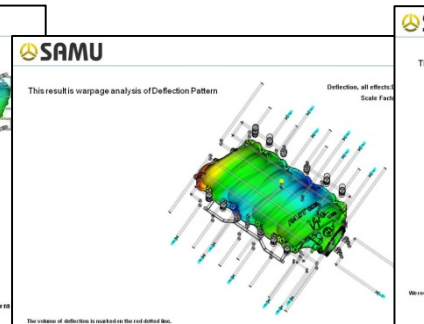
## • Gate & Cooling line location



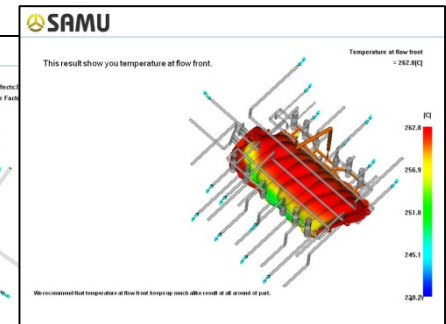
## • Filling Stability



## • Part Temperature



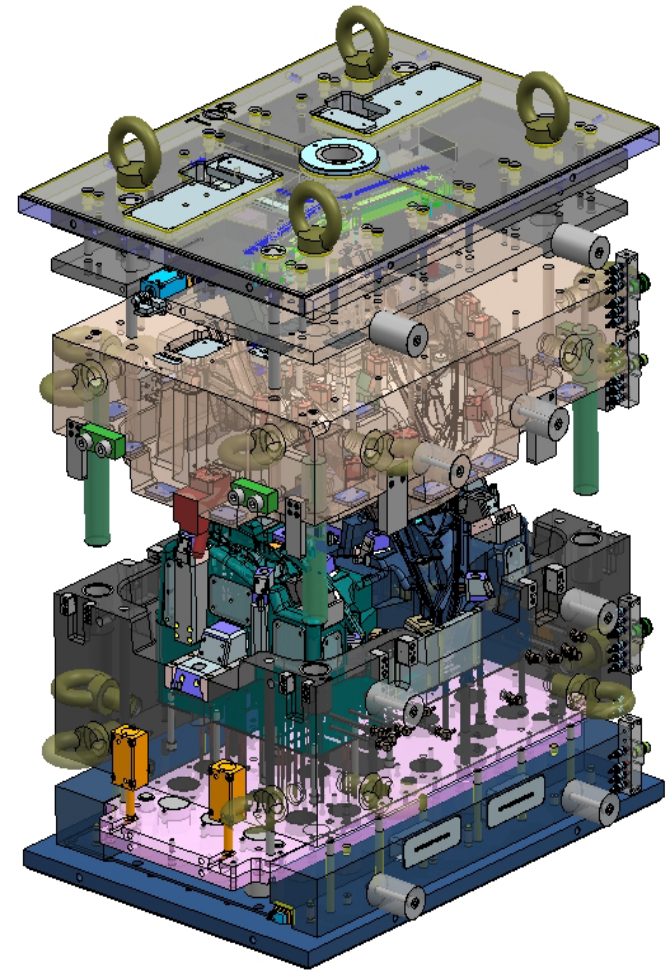
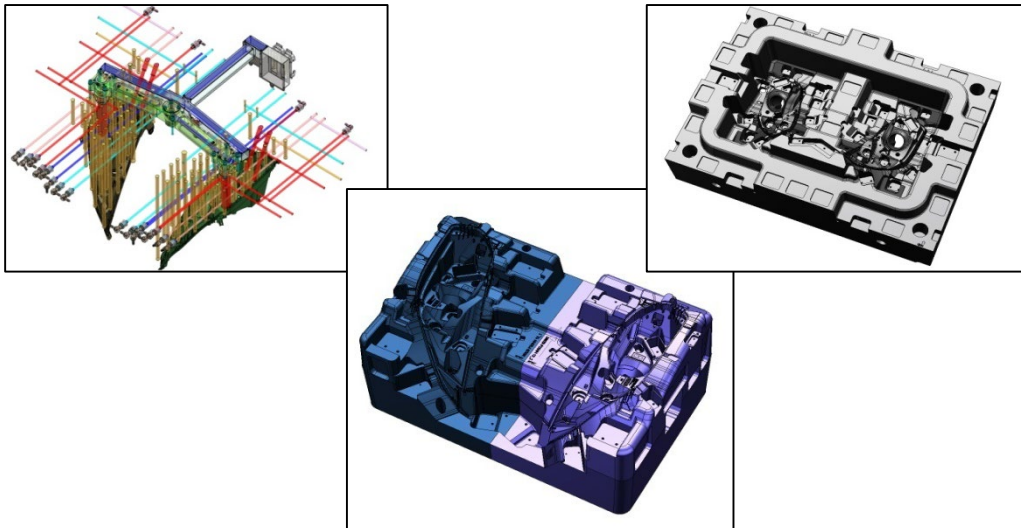
## • Deflection



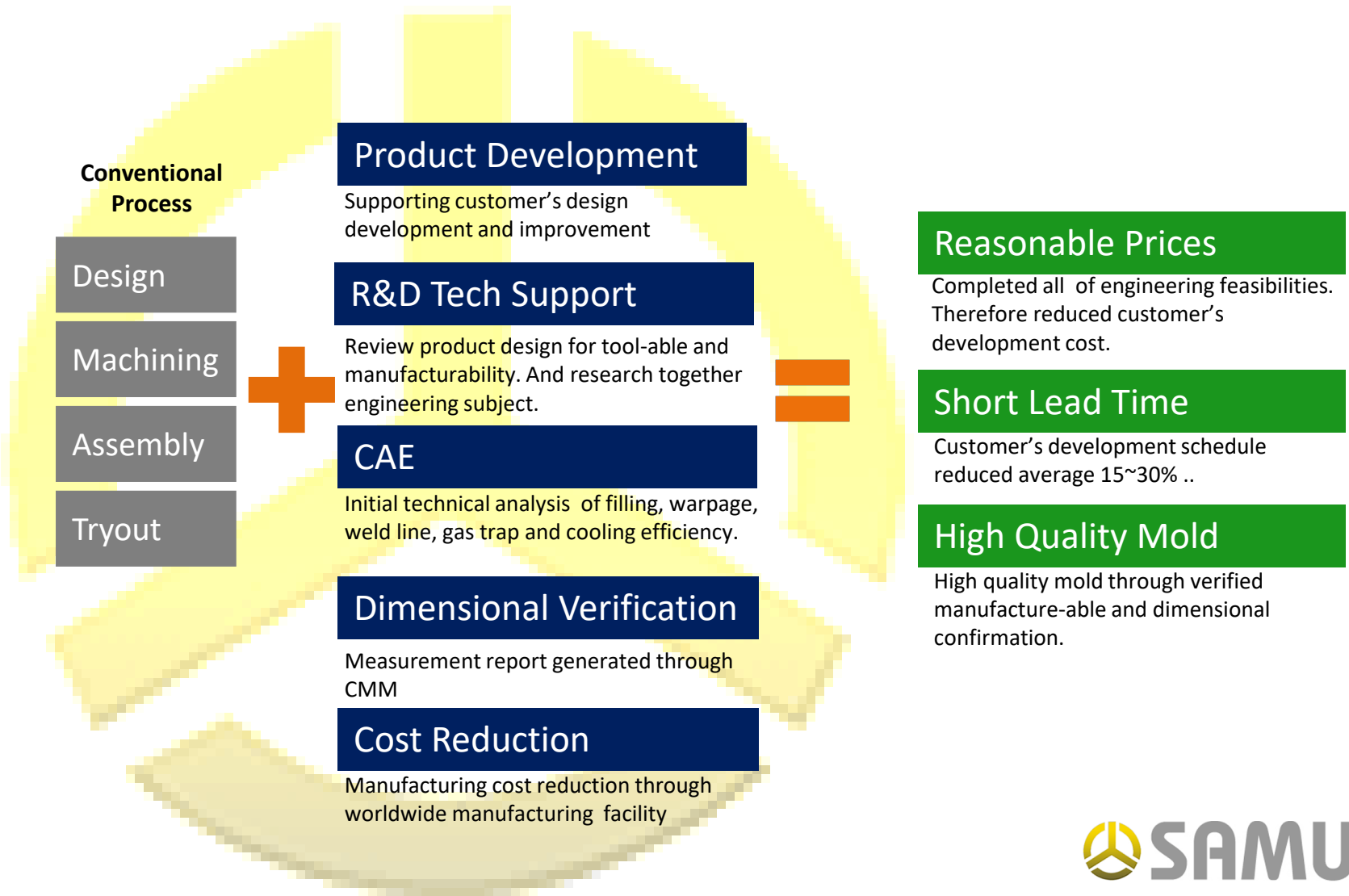
# Design (Full 3D)

## ▪ Software

- ✓ Fortuna - Mold
- ✓ Fortuna - SOM
- ✓ Pro-E
- ✓ UNI Graphic (UG)
- ✓ AUTO CAD
- ✓ Spin fire - viewer
- ✓ Acrobat 9.0 - viewer



# Why SAMU? - Total Solution Process





# Experienced

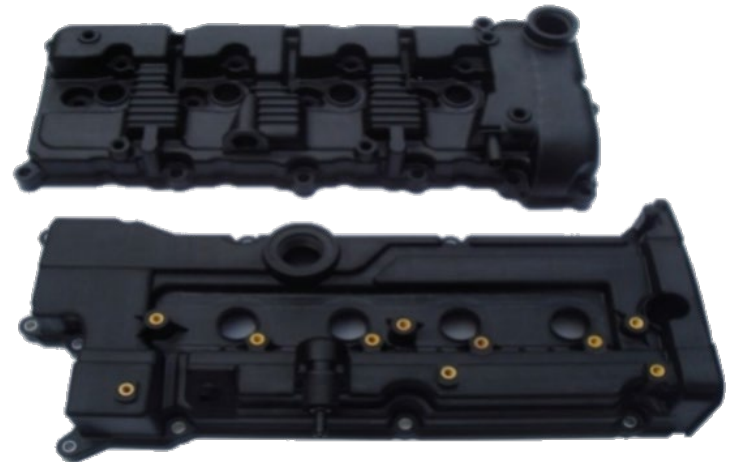
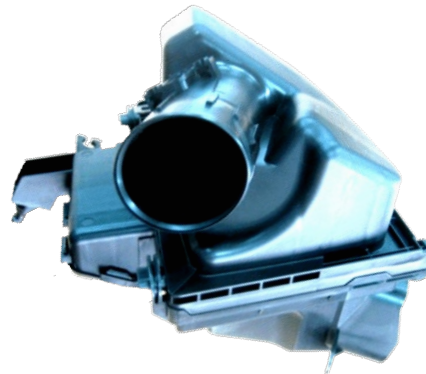
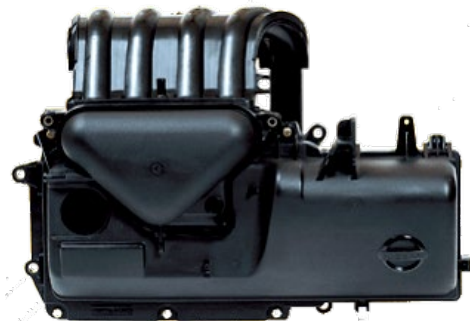
Automotive parts division is studying and manufacturing of the molds for interior and exterior parts as well as engine components.



# Experienced

## Automotive Powertrain Components

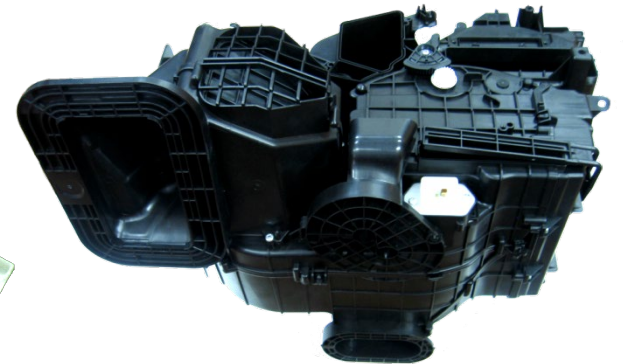
- Intake Manifold
- Cylinder Head Cover
- Air Cleaner
- Resonator



# Experienced

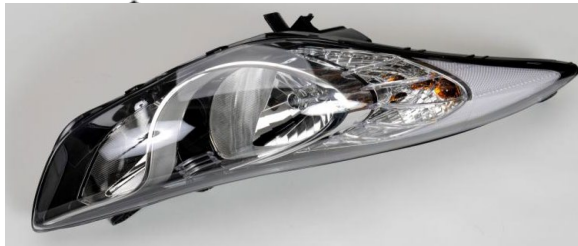
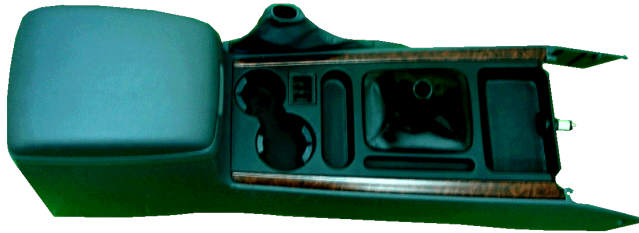
## Automotive Under hood

- HVAC
- Water Pump
- FAN Shroud
- Air Duct
- Canister
- Radiator Tank
- Battery case
- Oil Tank
- Engine Cover



# Experienced

## Automotive Interior & Exterior Parts

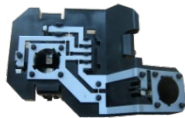
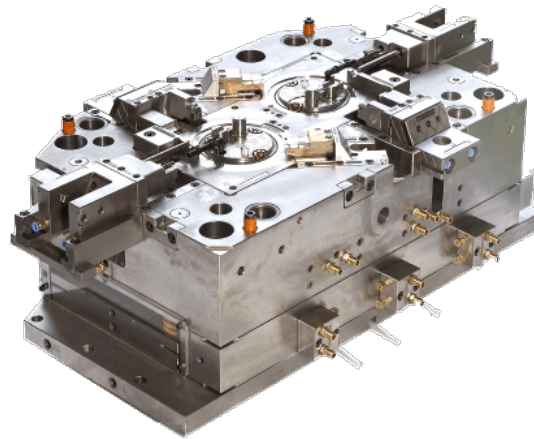


- Consoles
- Head Lamp
- Door Trim
- Pillar Trim
- Cluster
- Rear Mirror
- Ventilation Grill
- Globe Box
- Garnish
- Ash Tray
- Seat Side Cover
- Cup Holder

# Experienced

## Automotive Precision Parts

- Gas leveling pump housing
  - Rotation Mold
- Motor Housing
  - Connectors
- Key Remote control
  - Gear Shift



# Experienced

## Consumer & Industrial Electronics Components

- Air Conditioner
  - Decoration Panel
  - Front and Open Panel
  - Cabinet
  - Fan Guard
- Washing Machine
  - Operation Panel
- Refrigerator
  - Trays
  - Cases
  - Shelf-Glasses
  - Handles
- Copy Machine
  - ADF System Cover
  - Operation Panel
- Television and Monitor
  - Bezel
  - Chassis
  - Rear Cover
  - Stand Base
- Microwave Oven
  - Door
  - Body
  - Handle
  - Base



# Certifications

ISO 9001:2008 Certificate



TUV Certificate Germany



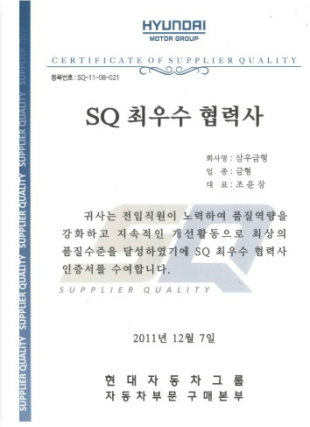
SQ Certificate



Test sheet (SQ)



The Best Cooperation SQ



2007 Korea Trade award



SIMENS VDO evaluation class A



Patent



Certificate Enterprise annex Lab



We do our best to satisfy customers' needs

