MTK Co., Ltd.
346-6, Auto-Valley, Maegok-dong, Buk-gu, Ul-san, Zip 683-420, Korea
TEL. 82-52-298-4441
FAX. 82-52-298-4442
e-mail : bizplan@mtkiw.com
Company History

1987.05  Established  [Korea Model]
2001.01  Obtained the ISO 9001 Certificate
2004.11  Awarded [Best Mold Manufacturer of the Year] from Minister of Industry and Source
2005.10  Obtained [Supply Quality ] from Hyundai-Kia Motors
2006.01  Expanded New Factory ( Auto –Valley, Ulsan)
2007.12  A patent is granted for ‘ARC Spray Tooling’.

Main Product
INSTRUMENT PANEL MOLD
BUMPER MOLD
DOOR TRIM MOLD
CONSOLE MOLD
PILLAR MOLD
GRILLE MOLD
AIRBAG COVER MOLD

Quality Mould
1. Good Quality Part Product
2. Shorten Cycle Time
3. Durability

Land : 4,975 m²
Building : 3,970 m²
Personnel : 50 Persons
## Tool-shop branches

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Pyeong – Taek</th>
<th>Dae-Gu</th>
<th>Bu-San</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAND (m²)</td>
<td>9900</td>
<td>1980</td>
<td>1320</td>
</tr>
<tr>
<td>BUILDING (m²)</td>
<td>4000</td>
<td>1320</td>
<td>990</td>
</tr>
<tr>
<td>Machine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CNC</td>
<td>5</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EDM</td>
<td>0</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>CAD (CATIA, UG)</td>
<td>5</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Main Product</td>
<td>Foaming Mold Vacuum Mold Prototype IP Assembly</td>
<td>Injection Mold - Door Trim - Console - Pillar</td>
<td>Injection Mold - Airbag Cover - Engine Cover - Pillar</td>
</tr>
</tbody>
</table>
Our Service

- **Clients**
  Automotive Tier 1 Manufactures & OEM’S

- **Service**
  - Product Design
  - Engineering
  - Prototyping
  - Tool Fabrication
    - Injection Mold, Blow Mold, GMT Mold, PU Foaming Mold, Die Casting Mold
  - Secondary Tooling
    - Checking Fixture
    - Trimming Equipment
  - Injection Molding
  - Marine Engine Machining

- **Advantages**
  - Competitive Cost and Lead-time with High Quality
Ability to design and manufacture a broad range of plastic injection molds made by
- CAE (Mold Flow, Moldex 3D)
- 3D Mold Design (UG, K-Mold)
- Expertise in automation and hot runner molds
- Alliances with various tool designing resources

Full range of manufacturing facilities, carrying out rapid and precision machining
- $3m \times 2m \times 1.3m / 12,000$ rpm Horizontal MCT and $4$ more MCT
- 5Axis, 12,000 rpm Machining Center
- 30 ton Crane
- 400 ton Die-Spotting Press

Dual step CAM progress for optimized machining mold surface

Full range of tryout presses
- $40$ ton to $3,000$ ton

Skillful mold maker’s craft ship and standard tooling system carry out reducing manufacturing cost and improving delivery

Competitive Cost and Lead-time with High Quality by FMEA
CAD Software
- CATIA
- UNIGRAPHICS
- THINK DESIGN
- SPACE E
- AUTOCAD

Interface Format
- IGES
- STL
- DXF

CAE provides optimized layout for mold designing
- MOLD FLOW
- 3D Moldex

3D mold design brings high quality and precision tool engineering designs
- K-MOLD
- MOLD WIZARD(UG)

CAM
- WORK NC
- POWER MIL
- CAMAND
- VISUAL MILL
- NC BRAIN
Product 1

- Instrument Panel
- Instrument Panel
- I/P MOLD
- Door Trim
- Console
- Quarter Trim Mold
Product 2

- Bumper
- Bumper
- Bumper Mold
- Radiator Grille
- Cowl Top Cover Mold
- Shock Absorber
Product 3

- SHROUD
- BLOWER
- INLET DUCT
- MOTORBIKE PART
- FENDER FRONT PART
- VISOR FRONT PART
Product 5 - Blow & GMT Mold (Compression Mold)

- Air Duct
- Blow Mold
- Fuel Tank
- Bumper Back Beam
- Seat Back Frame
- Bumper Back Beam Mold
- Under Body
Product 6 – PU FOAMING

IP

IP MOLD

Foam Machine

IP Skin

Vacuum Foaming Machine

IP
Prototype & Checking Fixture

IP Mock-up

CMM Measurement

IP Module Ass’y

IP C/F

Bumper C/F

Compound C/F
<table>
<thead>
<tr>
<th>Part Name</th>
<th>Injection Mold</th>
<th>PU Foaming Mold</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lead time (days)</td>
<td>Q’ty</td>
</tr>
<tr>
<td>In-Panel</td>
<td>105</td>
<td>8</td>
</tr>
<tr>
<td>Bumper</td>
<td>90</td>
<td>8</td>
</tr>
<tr>
<td>Bumper Impact Beam</td>
<td>45</td>
<td>9</td>
</tr>
<tr>
<td>Door Trim</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>Console</td>
<td>40</td>
<td>18</td>
</tr>
<tr>
<td>Pillar</td>
<td>35</td>
<td>45</td>
</tr>
<tr>
<td>Precision</td>
<td>30</td>
<td>57</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>160 Sets</td>
</tr>
</tbody>
</table>
Our Major Customers

R&D Center

Mold Shop

MCT 8,000rpm
Spec.: 4000x2100x760

MCT (Horizontal) 12,000rpm
Spec.: 3000x2000x1300x400

MCT
Spec.: 3000x1600x1150

MCT
Spec.: 2000x850x750

E.D.M (Double Head)
Spec.: 2700x750x600

E.D.M
Spec.: 1500x800x500

Die Spotting M/C
Spec.: 400 Ton

Inj. Molding M/C
Spec.: 850 Ton

Inj. Molding M/C
Spec.: 3000 Ton

Build Your Business Up Ever With MTK Energy
Major Customer - ULSAN

Customers Rate

- India: 30%
- Malaysia: 8%
- EU: 5%
- Japan: 14%
- Domestic: 40%
- USA: 3%

Customers: GM, Volkswagen, Hyundai, Kia, GM Daewoo, LG Chem, Toyota, Mahindra, Tata, Honda, Plastic Omnium, IAC International Automotive Components,

Build Your Business Up Ever With MTK Energy
We have a wide range of tooling infrastructure through globalization with overseas branches and business alliances.

Main Office & Factory

Overseas Office & Factory

Overseas Branch

Business Alliance

World-wide Network

Michigan

Mumbai

Frankfurt

Beijing

Ulsan, Korea

Detroit

Frankfurt

Nagoya

Guangzhou

Build Your Business Up Ever With MTK Energy
Thank You

MTK Co., Ltd.

Mold & Tool Korea

MTK Co., Ltd.