KODIMA strives to be recognized as the most competent, trusted and reliable South Korean Supplier of Metal Stampings, Dies, and Fixtures. KODIMA plays its leading position in the Automobile Manufacturing Industry strongly focusing on state-of-art Engineering and Management. This focus has enabled the company to meet customers’ needs. Every process - Design, Development, Manufacturing, Assembly, Quality Control, and Home Line Try Out – is carried out in a thorough manner.

History

- Established Kodima Co., Ltd.
- Registered Industrial R&D center
- INNO-BIZ company certification
- Opened new engineering and sales office in Busan
- Exported US$ 3.0M die/jig manufacturing
- 2002 ISO 9001 certification
- 2008 Awarded “Global Star Venture Enterprise”
Company Profile

- **Name**: KODIMA Co., Ltd.
- **CEO**: KIM, SUNG-TAI
- **Found**: December 1st, 2000
- **Turnover**: 35M USD
- **Business**: Die build, Simultaneous Engineering, 2d/3d Die Design, manufacturing stamping parts
- **Certi**: ISO9001, ISO14001, TS16949, INNO-BIZ, SQ mark

- Exported US$ 10.0M die/jig manufacturing
- Acquired Shinsung Industry Co., Ltd.
- Selected as Excellent Productivity Improved Company (Ministry of Trade)
- Exported US$ 5.0M die/jig manufacturing
- PMS(Productivity Management System) certification
- Relocated Headquarters to New Ulsan plant
- Awarded the “Promising Company 2012” from Ulsan City
Strength

- **Excellent Man Power**
  - Experienced and specialized in die manufacturing
  - Previously worked for Global Car Makers and Tier 1 Vendors

- **Engineering Know-how**
  - Provides optimized solution by using SE [Simultaneous Engineering]
  - Provides all processes [Drawing/Simulation/Analysis/Manufacturing]
  - Cooperates with 25 die manufacturing firms

- **Development Ability**
  - Covers different products size (From small to large)
  - Covers various production way [Casting, Steel, Pro, Tandem, etc]

- **The newest Facility and Equipments**
  - Tandem ROBOT 1-Line, Progressive 2-Line
  - Transfer 2-Line

Engineering Skill + Die Development + Automation Equipments → High-Quality Auto-Parts

- SIMULATION
- DESIGN
- MANUFACTURING
- HOMELINE TRYOUT
Customized Engineering

KODIMA Presents the most suitable and specialized Process Planning to a customer.

Design Feasibility Review

Process Planning

Process Review With Cost Analysis

<table>
<thead>
<tr>
<th>Case</th>
<th>Tool Concept</th>
<th>Blanking Plan</th>
<th>Material Util</th>
<th>Die Weight</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td><img src="image1" alt="Image" /></td>
<td><img src="image2" alt="Image" /></td>
<td>40.6%</td>
<td>100.1 ton</td>
<td>4,006,154 USD</td>
</tr>
<tr>
<td>II</td>
<td><img src="image3" alt="Image" /></td>
<td><img src="image4" alt="Image" /></td>
<td>41.6%</td>
<td>156.3 ton</td>
<td>4,643,077 USD</td>
</tr>
<tr>
<td>III</td>
<td><img src="image5" alt="Image" /></td>
<td><img src="image6" alt="Image" /></td>
<td>39.8%</td>
<td>142.8 ton</td>
<td>4,633,846 USD</td>
</tr>
<tr>
<td>IV</td>
<td><img src="image7" alt="Image" /></td>
<td><img src="image8" alt="Image" /></td>
<td>41.6%</td>
<td>124.2 ton</td>
<td>4,175,385 USD</td>
</tr>
<tr>
<td>V</td>
<td><img src="image9" alt="Image" /></td>
<td><img src="image10" alt="Image" /></td>
<td>39.8%</td>
<td>110.8 ton</td>
<td>4,148,154 USD</td>
</tr>
</tbody>
</table>

Operation Process Planning

Restrike-Form Simulation

OP40 Vertical Flange

OP50 CAM Flange

Stroke of Bottom

- 20mm
- 10mm
- 5mm
Press Die

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KODIMA always focus on the best efficient with excellent manpower, engineering know-how, development ability and newest facility and equips to satisfy customer and improve quality.

Competitive Delivery Time

Lead-time

<table>
<thead>
<tr>
<th>Difficulty Level</th>
<th>Time Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>A class</td>
<td>52 weeks</td>
</tr>
<tr>
<td>B class</td>
<td>34 weeks</td>
</tr>
<tr>
<td>C class</td>
<td>18 weeks</td>
</tr>
<tr>
<td>D class</td>
<td>10 weeks</td>
</tr>
</tbody>
</table>

※Condition: Design to FOB
Main Performance

Progressive

Specialized Items

High Strength

Stainless

Functional Items

Aluminium

590Mpa

630Mpa

780Mpa

590Mpa

440Mpa
Stamping Parts

Manufacturing and supplying automotive parts to Hyundai/Kia Motors and other foreign car makers as well.

KODIMA respects customers’ quality policy and makes the best effort to supply high quality parts to customers at right time innovation on quality, production, technology, and cost.
Main Products

- PORTER(HR-CAR)
- STAREX(TQ-CAR)
- VELOSTER(FS-CAR)
- TUCSON(LM-CAR)

EGR COOLER PARTS

- BODY TOP
- BODY SUB ASS’Y
- BODY BOTTOM
- EGR COOLANT OUT
- CONNECTOR
- BRACKET ASS’Y
- CONNECTOR ASS’Y
Equipment

Welding Equipment

SPOT WELD

PROJECTION WELD

CO₂ WELD

CO₂ WELD

Press Equipment

T/D ROBOT LINE
300-250-200-200-200T

500T SHUTTLE(T/F)

BLANKING/PROGRESSIVE LINE
400T

T/D MANUAL LINE
200-200-200-200-160T

400T SHUTTLE(T/F)

BLANKING/PROGRESSIVE LINE
250T
Certification

Main Customers

North America
SSP
DTI
F&P
SHIROKI N.A.
Gill Industries

Europe
MAGNETTO (Italy)

Central America
Pemsa
Gill Industries

South America
Aethra
Maxion

China
Geely
Jinbei
SAIC Motors

Japan
Topre
Nissan Motors
CHIYODA
HIROTEC
UNIPRESS
PRESS KOGYO
KATAYAMA KOGYO