Gifu Die & Mold Engineering Co., Ltd. founded in 1957 is one of the major suppliers of molding and die-casting dies for a wide variety of industrial fields including automobiles parts. As a member of the ARRK global network since 2001, we have obtained additional outstanding synergy effect from ARRK's network and digital development expertise and skills.

We, Gifu Die & Mold Engineering, are dedicating ourselves to research and development of new technologies for our future business, such as the development of manufacturing technology and IT implementation.

Who We Are

We make the full use of CAD/CAM/CAE and other information technology, in order to promote a digital job planning system which realizes a seamless link between our engineering section and manufacturing section. This allows us a lean production system, super-short lead-time, and reasonable cost to meet our customers' requirements.

What We Do

Our Excellent delivery control system for mold manufacturing is based on our unique and thorough standards of quality. CAD/CAM/CAE systems are effectively utilized to assure overall quality of molds. VE/VA method and SE with customers are held frequently to satisfy various requirements from customers. Simulation based engineering system improves quality and level of completion in the first trial and they contribute for customer and mold design. We pursue technological innovation with intent to create new technologies.
We contribute to various industries, such as automotives and household electrical products industry.

**Aluminum die-casting dies**
Large-sized die-casting dies for high precision automotive engine parts, from prototyping through tooling for mass-productions.

**Gravity shell molds**
Foundry and gravity shell molds for cylinder head, from prototyping through tooling for mass-productions.

**Plastic Injection molds**
Large-sized injection molds for production of automotives’ interior-panels, bumpers and deck-side-panels for which short lead-time and high quality is required.

**Prototyping molds**
Any sized prototyping mold of zinc-alloy and other materials. Suitable also for low volume production.

**CRT glass molds**
Molds for glass products including CRT for TV and IT devices.

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**Main Equipment List**

**Machine List**
- CNC Milling Machines
- CNC (5axis) Milling Machines
- EDMs
- Milling Machines
- Radial Machines
- Lathes
- Abrasive Blasting Machines
- Die Spotting Presses
- 3000ton Injection Trial Machines
- Casting Trial Machines
- Layout Machines
- CMMs

**CAD/CAM List**
- Pro/ENGINEER
- Unigraphics
- GRADE/DRAW
- GRADE/CUBE
- WorkNC
- Cimstai on/Inspection

**CAE List**
- ADSTEFAN
- Cosmos/w
- NISA 2
- TmConcept
- Moldflow
- Design Space