Kemal Precision Manufacturing Ltd.
Kemal Precision Mould Co., Ltd.

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Beijing

Shanghai

Shenzhen

KEMAL

Hong Kong

Hong Kong ferry ride to Shenzhen requires one hour.

Shanghai flight to Shenzhen needed 2 hours 20 minutes.

Beijing flight to Shenzhen needed 3 hours 30 minutes.
Kemal Precision Manufacturing Ltd is located in Bajigar, Quanzhou, China, established in 1995, specializes in plastic injection moulds building for all the customers around the world.

Kemal Mould occupies about 6500 square meters, with more than 220 staff, including 30 experienced engineers, 120 skilled tool makers. HASCO, DME & LIM standards are adopted for different customer requirements, and CAD/CAM/CAE systems have already been used to strengthen our technical advantage.

During 20 years development, Kemal Mould has set its own mould standards and strict mould manufacturing process. Each mould is run as project management, followed up by particular experienced engineer. BS management system has been adopted for many years. Kemal mould is also IS09001 certified. To maintain the good quality, best lead time and good service, Kemal mould has established long-term business cooperation with customers from Germany, USA, UK, France, Israel, Iran, Australia, Canada, Russia and other countries.

ENGINEERING AND DESIGNING

1. 3D model input
2. AutoCAD (2D mold design)
3. Moldflow Mold Adviser (Plastic flow deformation simulation)
4. Unigraphics (3D modeling & CNC Programming)
5. Mold Processing Report

Engineering plays an important role in prolonging a mold’s life, high accuracy and efficiency. Our engineering department has an excellent technology team. The engineers can quickly design drawings for a product, standard mold structure and production instructions. Most of them have college or university educations with a lot of experience. Some of them are expert mold-makers for years before working in engineering. Technology and practical experience for both design and manufacturing are integrated perfectly.

Our teams consists of 19 experienced mould designers utilizing the latest engineering software to directly take the clients CAD model into mould design, such as AutoCAD, UG, Pro/E and Solidworks. All mould designs are then validated to our clients' tolerancing standards and moulding specifications.
QUALITY

Control Department

Kemal always puts the quality in the first place. To meet customer’s requirements and expectations, we manage the quality of tools and goods by the advanced measurement facilities, under the advanced and complete quality control system, with the scientific methods of quality control. Quality control plan is made when the case of tooling or goods launched, and it will always monitor every stage of the production course. Moreover, when the electrode and unit part are finished, CPM test will be run and its data will be as the criteria for mold checks and acceptance internally. Throughout the production, material for product is inspected by QC the moment it is delivered to factory. If the material doesn’t meet the requirements, it will be rejected immediately. Warehouse only accept the qualified one. During production, goods on the line are checked by QC regularly. Only the goods examined by QA to be qualified will be delivered to customers.

In-coming Material Inspection

Perfect material analyzing laboratory will ensure all the material are compliance with international standard and European environmental protection requirement.

Manufacturing Process Inspection

All-round implement advanced quality control methods such as SPC, EPC, Quality Management Circles etc.

Finished Products and Shipment Inspection

Professional and experienced QC staff will ensure all the product completely meet your demand.

Customer Complaint Handling

Professional and efficient quality engineering team will make the solutions to any of your inquiries in time and effectively.
MOLD Manufacturing Equipment

Our mold-workshop covers an area of about 4300 square meters, equipped with state-of-the-art machines of high precision. There are about 120 technicians, who have five to ten years’ experience in mold making, and a majority of them can work according to drawings independently. In order to guarantee the quality of the molds, we specially pay attention to the choice of material. We use the special steel made by ASSAB Co. in Sweden and SAIOO Co. in Japan, and the heat treatment is processed by the Shenzhen subsidiary of ASSAB Co. Thus we can achieve long mold life, accurate dimension and surface hardness. The output of molds could reaches 80-70 sets per month.

There are 70 skilled workers in our injection molding department. Kemal plant has 19 presses with a range of 60-2000 tons, semi-automatic and with a full production schedule (24 hours, 7 days a week) during most of the year to maximize efficiency. Each press is one-on-one controlled and regularly-diagnostic, with capacities from fractional to 8812 grams, and clamping force from 80 to 2000 tons. Quality control checks of product tolerances, color and physical appearance are made at every step of the manufacturing process.

Benefit from high precision molds, world-class machines, scheduling, quality inspection technology and excellent service, Kemal mold is manufacturing high volume of parts of consistent high quality everyday.

<table>
<thead>
<tr>
<th>Brand</th>
<th>Clamping Force</th>
<th>Injection Capacity</th>
<th>Distance for Bar Key</th>
<th>注射距离</th>
<th>Length of cavity</th>
<th>射出长度</th>
<th>Mold Height</th>
<th>射出高度</th>
<th>Quantity</th>
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<tr>
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<td>90T</td>
<td>115g</td>
<td>950×800</td>
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<td>165g</td>
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<td>120</td>
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</table>

Total 19
LARGE Molds

Our mold shop is geared to work with the molds in the large size range. The Kemal Mold team combines the latest engineering and manufacturing techniques to develop large toolings. The tool makers combine 20 years of experience in large mold industry, giving you expertise in manufacturing. Kemal Mold has invested in world-class large tonnage machinery and equipment, the goal is to maximize the return on investment and provide customers with world class manufacturing efficiency. With 207 maximum mold weight capability and CNC travel up to 2.2 meters we are able to handle the largest manufacturing work. We make many high quality big molds such as door panel, sun roof, TV back cover, garbage bin, fishing basket, radiator grille etc., parts for our customers and they are satisfied with our work and would like to keep long-term cooperation with us.

PRECISION Molds

Kemal Mold has been involved in the precision mold industry for many years, from the precision mold design to complete the manufacturing process has a wealth of experience. World-class advanced equipment such as Makino, Mikron high speed CNC, Charmilles EDM, Sodick, Robform line cutting machine Tusco excellent management team and experienced technical staff is our guarantee of success. Each mold manufacturing technology in accordance with strict standards procedures to ensure that the mold design and manufacturing quality.
<table>
<thead>
<tr>
<th>PRECISION</th>
<th>LIGHT &amp; Led Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parts</td>
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**DOUBLE INJECTION**
and Overmolding parts