

## REINVENTING MOULDS







**Shaping ideas**

## About us

Precision is a Dubai-based large scale manufacturing company catering to a discerning clientele across the Middle East. Established as a small engineering company in 1984, the company has grown from strength to strength, and today, is one of the most sought after organisations in the Middle East for mould manufacturing, engineering works, rigid plastic products and a range of industrial aluminium extrusion dies.

Precision is jointly owned by three of the most trusted corporations in the UAE - **Al Tayer**, **ARMS** and **DULSCO**. Backed by over 800 employees working across two state-of-the-art facilities, Precision caters to over two dozen of the UAE's leading brands, with innovative industrial solutions.

## Precision Moulds Division - experts in injection and blow moulds

At Precision Moulds Division, we engineer, design and fabricate highly precise moulds and tooling system solutions. Our team of experts partner with leaders across industries to provide tooling solutions that use high-strength materials, demand tight tolerances and require short lead times.

Our team of engineers always stay abreast with the latest technology. This enables them to engineer innovative solutions, continuously reinventing the way we manufacture moulds. What's more, they understand the essence of the technical perspectives, which helps them approach mould designs with unfettered creativity.





## Our Services

### Mould Manufacturing

At Precision, we constantly refine our manufacturing methodologies to offer innovative moulds that save energy, time and raw materials.

We have expertise in designing and engineering both single and multi-cavity moulds, besides making prototypes. All our moulds combine traditional craftsmanship with visionary technology, providing solid ROIs.

### Consulting and Design

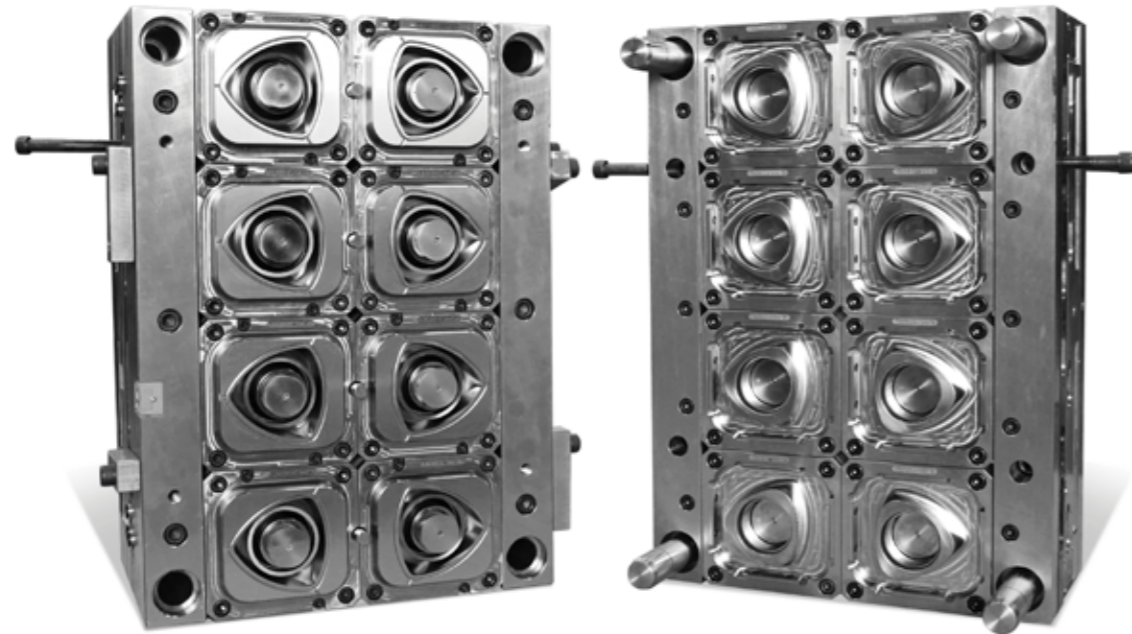
While we have the latest design software and modelling machines, what sets us apart is our understanding of the processes and our lateral approach towards design. Precisely why we're able to create accurate designs and production models swiftly and efficiently.

### Prototyping

Our ability to manufacture prototypes allows us to test our designs before going into production. This not only gives us added flexibility, but also helps us deliver complete customer satisfaction when it comes to designing and engineering moulds.

### Manufacturing

From single cavity moulds for lower volumes to multi-cavity moulds for high-volume parts, we are equipped and ready for any challenge. Depending on a client's needs, we can offer the greatest value with our mould manufacturing, taking into account lower upfront costs, minimal long-term maintenance and overall superior quality.



### Injection Mould Technology

- High quality moulds for caps, closures, thin wall containers, handles, with multi cavity construction.
- Automation for in-mould closing for flip top caps and robo for pick up and place.
- Top quality steel from the best suppliers in Europe.
- Hot runner systems from the best brands in Europe to minimise down time.
- Providing special coating on gliding and sliding parts to minimise wear and tear.
- In-house mould qualification.
- Full documentation.



### Extrusion Blow Mould Technology

- Multi cavity moulds matching the machine.
- Long life high-speed moulds with hardened pinch off for trouble-free operation.
- Best cooling system for highest productivity.
- All accessories suitable to the moulding machine for total automation.
- In-house testing facilities before shipping.
- Full documentation.

### Other Services

Apart from general engineering works, we are a well-known manufacturer and supplier of Precision Machined Components. We offer precision machining to meet our clients' tight tolerance and complex demands. We excel at providing sophisticated solutions that combine both machining and moulding to achieve highly detailed custom parts and surface finishes.

At Precision, we're equipped to cater to any volume of mould requirement, with multiple CNC machines from around the world.

By combining multiple machining capabilities and our lateral approach to design, we can solve our clients' most challenging requirements while maximising speed and efficiency, and driving down cost.

### Press Tools

At Precision Moulds Division, we manufacture press tools for various sheet metal industries from diverse domains.



## Technology

Our ability to serve as a one-stop shop for engineering needs lies in the wide range of services we are able to provide. We are equipped with conventional machines, CNC machines and heat treatment facility among other specialised processes. Our team of highly talented engineers and technicians ensure that all operations run smoothly.

### Conventional Machining

We are the leaders in the mechanical service industry with over three decades of experience in machining and fabricating mechanical components. Our conventional machining facilities and the infrastructure of our machine shop enables us to handle a wide range of repair and re-conditioning of mechanical components from every industry.

### CNC Machining

We use state-of-the-art technology in our engineering division. Our design solutions are networked with all CNC machines, which allows us to provide a seamless flow of information and repeatability. Our production equipment includes CNC milling machines, EDM machines and wire EDMs.

## Heat Treatment

Precision provides various heat treatment services that meet stringent international standards, catering to various industries.

## Quality

At Precision, we abide by the ISO 9001:2008 quality assurance standards, which we look upon as the backbone of our operation. We have a quality management system to ensure that only high quality products are passed on to our customers. We ensure that every stage of the process is carefully monitored - from design to programme, manufacture to final shipment.



## Our Strengths

### One stop shop

- Partners from concept inception to realisation.
- Bespoke design and engineering services.

### Peace of mind

- Local production and uninterrupted delivery.
- Quality track record - products and services.

### Service assured

- Responsive sales service.
- Flexible supply chain and delivery.

### Loyal local partner

- Top level MNC and GCC network.
- Long-term vision.

### Brand recognition

- Over 30 years as the mould manufacturing specialist.
- High quality engineering and tooling capabilities.



## Other Products and Services

Rigid Plastics Manufacturing

Dies for Aluminium Extrusion

Precision Engineering Works

## Our Clients



## Mould Support Services

At Precision Moulds Division, we provide a host of preventive maintenance and refurbishment services for moulds.



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