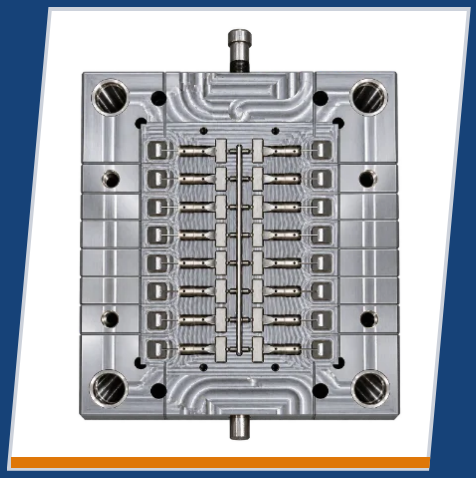
HATTRIX
MOULD CRAFT

HATTRIX MOULD CRAFT PVT. LTD. · AHMEDABAD, INDIA

# ENGINEERING PRECISION.
# DELIVERING EXCELLENCE.

Designed, machined, and validated under one roof - engineered for dimensional accuracy, faster cycle times, and long production life.









HATTRIX MOULD CRAFT PVT. LTD.

# GREAT PRODUCTS BEGIN WITH GREAT MOULDS.

From the first concept sketch to the final trial, every tool we build is engineered for lasting accuracy - cycle after cycle, year after year.

# A LONG-TERM PARTNER, NOT JUST A SUPPLIER.

As one of the emerging leaders in plastic injection mould manufacturing, we bring together innovation, reliability, efficiency and long-term performance in every tool we build.

From initial concept to final production, every mould is engineered to meet exact client specifications and stringent quality standards by a skilled team that continuously refines its processes to deliver measurable value.

**"Every mould we build is a promise - to perform, to endure, and to deliver value across millions of production cycles."**

### OUR VISION

To be India's most trusted precision mould manufacturer - a global benchmark recognised for engineering excellence and uncompromising quality.

### OUR MISSION

To empower manufacturers with moulds that deliver consistent quality, longer tool life and faster cycle times through precision engineering and client-focused service.



| 5+ | 500+ | 20+ | ISO |
|---|---|---|---|
| YEARS OF EXPERIENCE | MOULDS DELIVERED | INDUSTRIES SERVED | CERTIFIED QUALITY |

# BUILT TO OUTPERFORM.
# DELIVERING BEYOND EXPECTATIONS.

Choosing the right mould manufacturer is a strategic decision. Hattrix combines engineering depth, process discipline and client commitment to deliver moulds that outperform expectations.



### 01
### PRECISION ENGINEERING

Tolerances of up to ±0.01 mm achieved using advanced CNC, EDM, and CMM inspection systems for high dimensional accuracy.

### 02
### ON-TIME DELIVERY

Structured project management with milestone tracking supports timely mould delivery and clear project coordination.

### 03
### QUALITY ASSURED

Quality-controlled processes with in-house trial runs, material certification, and dimensional inspection reports.

### 04
### CUSTOM SOLUTIONS

From concept to cavity - moulds designed and built precisely to your product, material and production needs.

### 05
### AFTER-SALES SUPPORT

Dedicated technical support for mould maintenance, troubleshooting and spare parts - for uninterrupted production.

### 06
### COST-EFFECTIVE

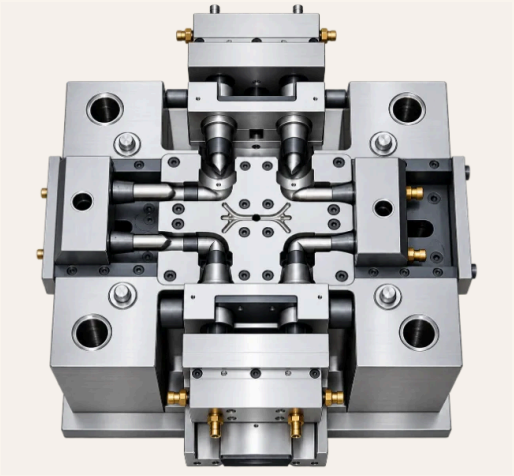
Optimised designs that can reduce cycle times and material waste, helping improve production efficiency throughout the mould lifecycle.

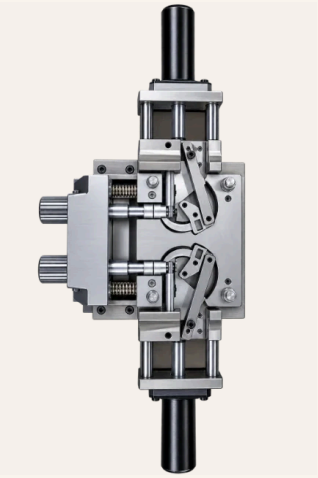
# EIGHTEEN MOULD RANGES.

01

## PIPE FITTING MOULD

Moulds for PVC, CPVC, UPVC and HDPE pipe fittings, valves and plumbing components - engineered for dimensional accuracy and reliable sealing performance in the finished part.





02

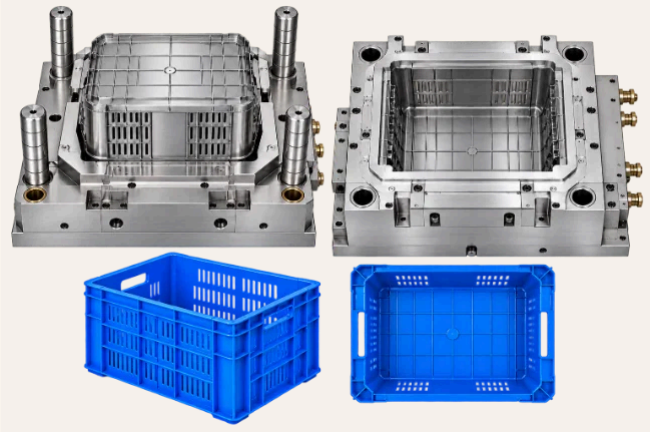
## BATH FITTING MOULD

Moulds for sanitary ware and high-gloss bathroom fittings - precision tooling for smooth ejection and a fine, consistent surface finish.

03

## CRATE MOULD

Durable moulds for industrial, storage and logistics crates, baskets and trays - built for high-cycle production across retail and logistics.

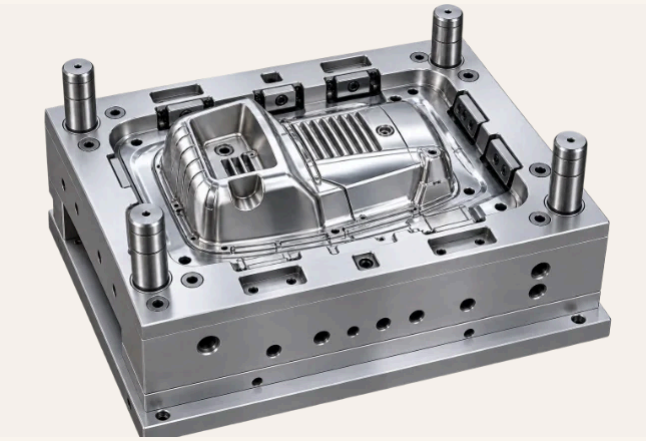


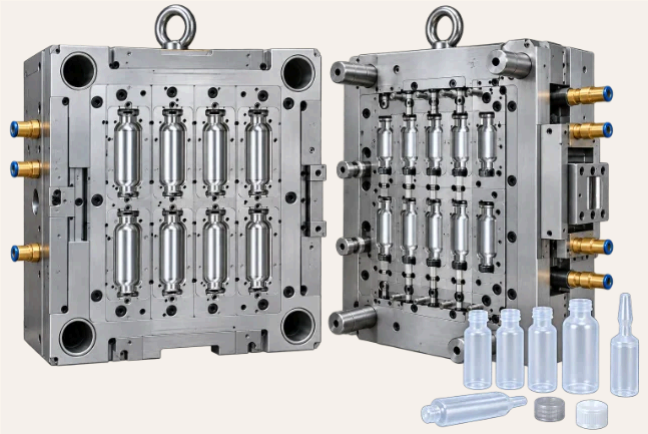
# EIGHTEEN MOULD RANGES.

04

## AIR COOLER MOULD

Large-format moulds for air-cooler bodies, tanks, grills and panels, engineered for uniform walls and dependable, repeatable assembly.





05

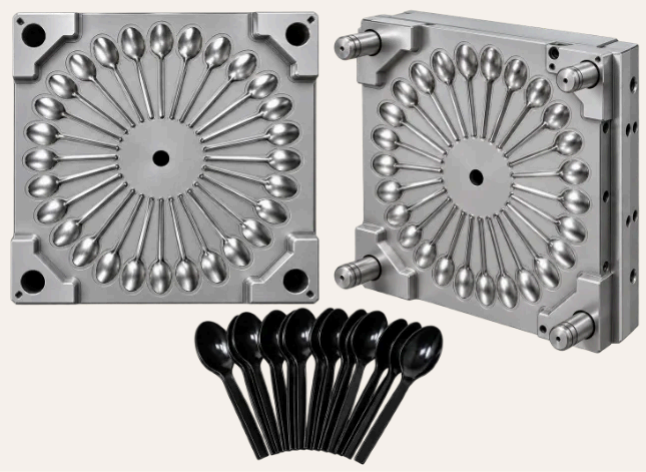
## PHARMACEUTICAL MOULD

GMP-compliant moulds for blister packs, medicine containers and lab consumables - tight-tolerance tooling with clean-room compatibility.

06

## KITCHENWARE MOULD

Moulds for everyday kitchenware, baskets, trays and household storage products, delivering a clean, consistent finish at high volume.

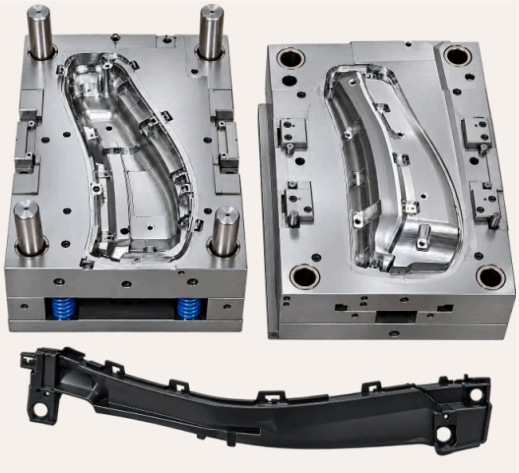


# EIGHTEEN MOULD RANGES.

07

## AUTOMOTIVE MOULD

Moulds for interior trims, bumpers, grilles and under-hood components - engineered to meet demanding automotive quality standards.





08

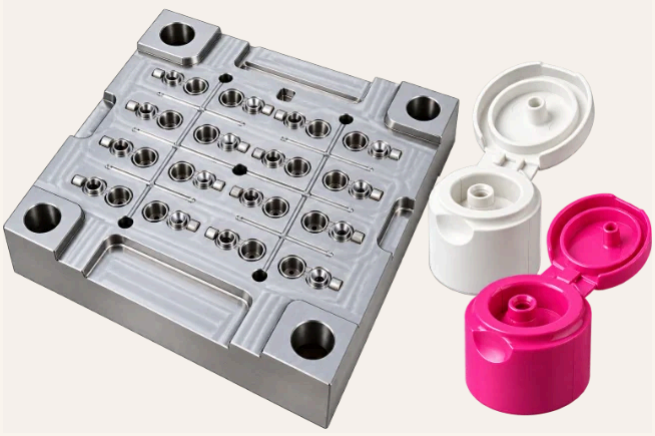
## RO CABINET MOULD

Moulds for water-purifier cabinet housings and panels, produced with a precise fit and a clean, consistent finish.

09

## CAP & CLOSURE MOULD

High-cavity moulds for PET caps, flip-tops and dispensing closures with accurate threading - optimised for fast, high-volume cycle times.



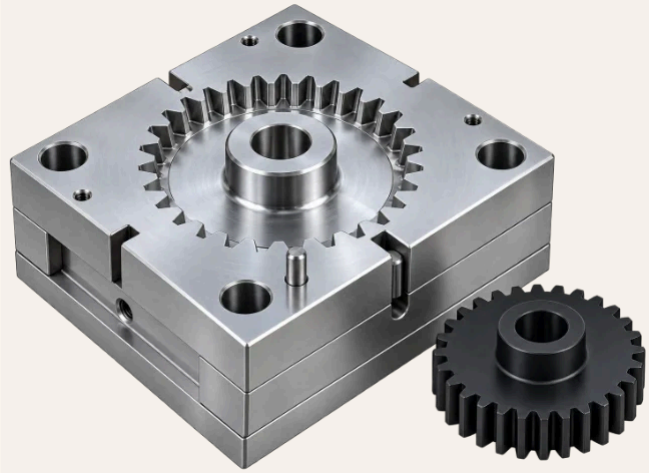
# EIGHTEEN MOULD RANGES.

10

## PAINT PAIL MOULD

Precision moulds for industrial paint pails, lids and handles, held to tight dimensional tolerances for reliable sealing in the finished product.





11

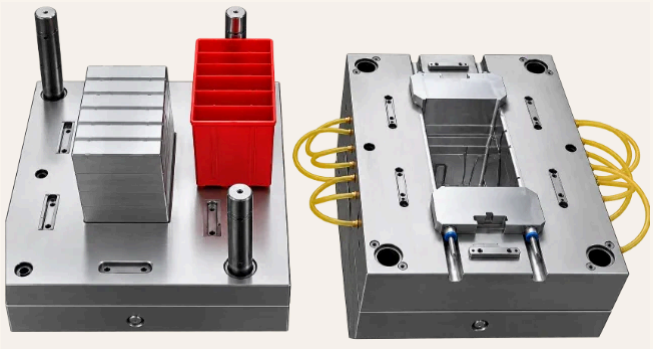
## ENGINEERING MOULD

Complex moulds for gear components, technical assemblies and custom engineering parts, held to fine tolerances shot after shot.

12

## BATTERY CONTAINER MOULD

Precision moulds for battery containers and lids with uniform walls and tight dimensional tolerances for dependable sealing performance.

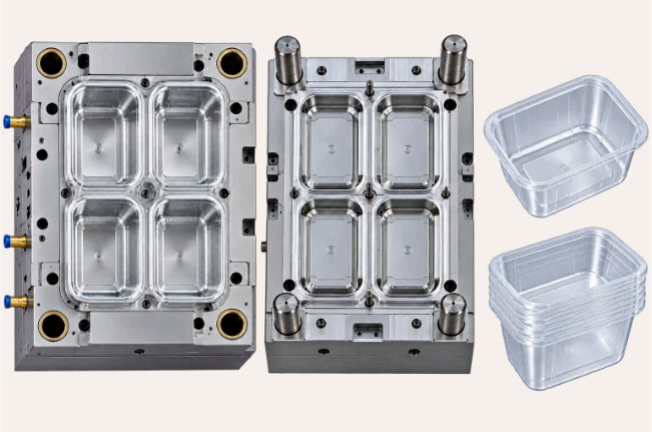


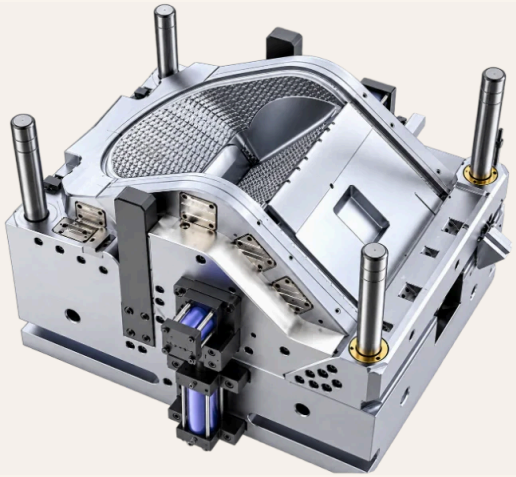
# EIGHTEEN MOULD RANGES.

13

## THIN WALL MOULD

High-speed, multi-cavity moulds for food containers, cups and takeaway packaging with ultra-thin wall sections and fast cycles.





14

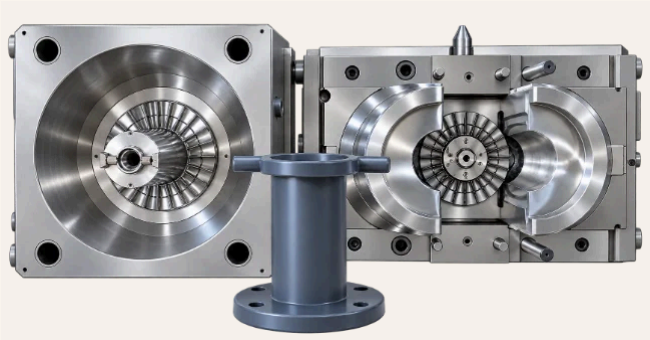
## CHAIR MOULD

Robust moulds for monobloc, arm and stackable chairs - engineered for structural integrity and a fine surface finish.

15

## TEXTILE MOULD

Moulds for textile bobbins, cones, hosiery components and loom parts, engineered for consistent, high-speed running.

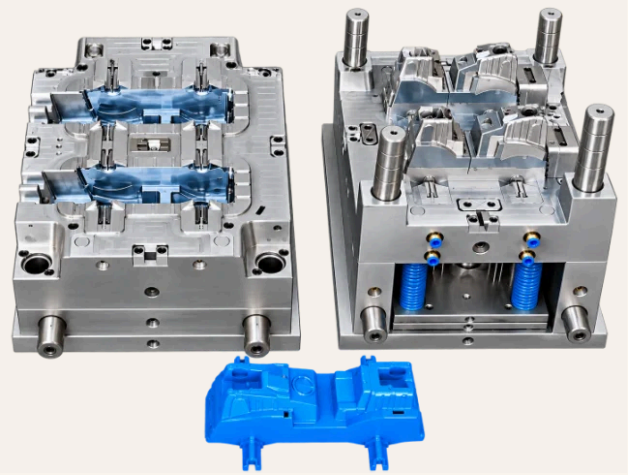


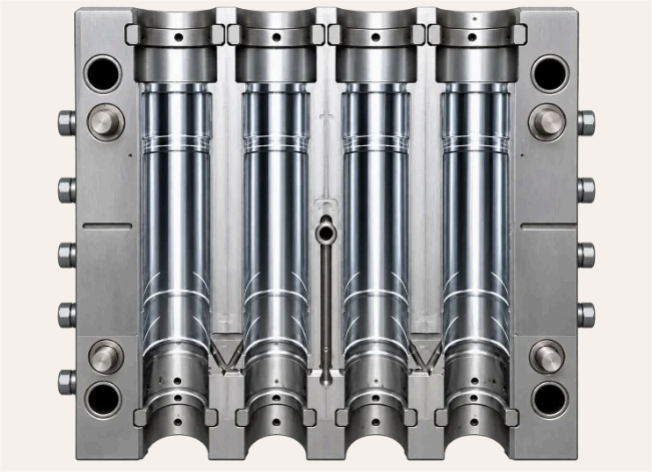
# EIGHTEEN MOULD RANGES.

16

## TOY MOULD

Detailed multi-cavity moulds for toy bodies, wheels and assembly parts, built for crisp detail and safe, repeatable finishes.





17

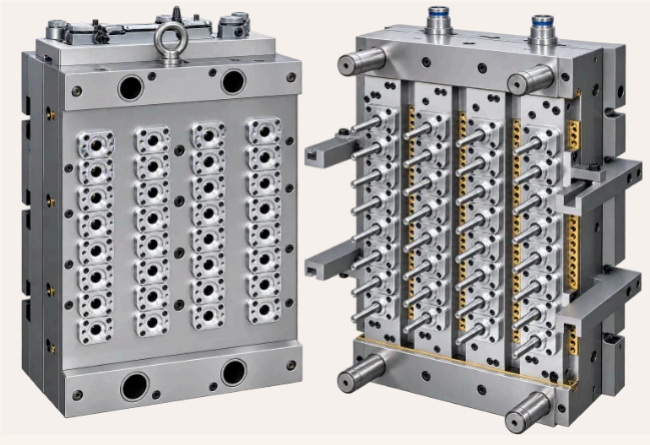
## RO ACCESSORIES MOULD

Multi-cavity moulds for RO housings, filter bowls and fittings, machined to tight tolerances for leak-free sealing under pressure.

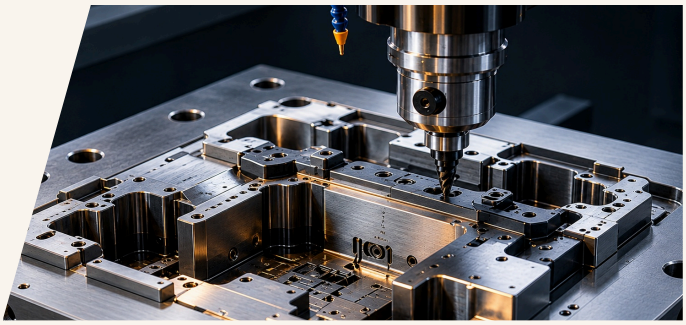
18

## PET PREFORM MOULD

High-cavitation preform moulds with hot-runner systems and conformal cooling, built for fast cycles and consistent neck-finish accuracy.



# FROM CONCEPT TO CAVITY.



A seamless journey from idea to precision-engineered mould.

01

### CONCEPT VISUALIZATION

Sketches, renders and mood boards turn ideas into clear concepts and feasibility early.

02

### PRODUCT DESIGN & DEVELOPMENT

Prototyping and testing shape a manufacturable, user-centric product.

03

### CAD / CAM / CAE

3D modelling and flow & heat simulation, validated before cutting steel.

04

### RAW MATERIAL SELECTION

Steel and polymer grades chosen for strength and manufacturability.

05

### PROCESS SELECTION

The right production method for geometry, volume, cost and lead time.

06

### MOULD DESIGN & MANUFACTURING

Precision machining, fitting and polishing for accuracy and long life.

07

### RELIABILITY TESTING

Trial shots under real conditions confirm consistency before dispatch.

08

### PROJECT MANAGEMENT

Milestones and clear communication keep scope and timeline aligned.

# NINE SECTORS. ONE STANDARD.

Diverse industries. Unified by precision.

01



## HOUSEHOLD

High-quality moulds for everyday products that enhance comfort and simplify life.

02



## AUTOMOTIVE

Precision tooling for interior, exterior and functional components that drive performance.

03



## PHARMACEUTICAL

Clean, precise and compliant mould solutions for critical healthcare and pharma applications.

04



## PACKAGING

Reliable moulds for a wide range of packaging solutions with consistency and speed.

05



## ENGINEERING COMPONENTS

Durable and accurate tooling for complex components used across industries.

06



## AGRICULTURE & DRIP IRRIGATION

Robust solutions for agricultural parts and efficient irrigation systems.

07



## CRATES & LOGISTICS

Strong, reliable moulds for crates, pallets and logistics products built to perform.

08



## FURNITURE

Tooling for stylish, durable and ergonomic furniture components with perfect finish.

09



## CONSTRUCTION & HARDWARE

Precision moulds for hardware and construction products that stand the test of time.

# PRECISION AT SCALE.

A modern, well-equipped manufacturing facility in Ahmedabad - designed for high-precision mould production at scale and continuously upgraded to stay at the forefront of mould-making technology.

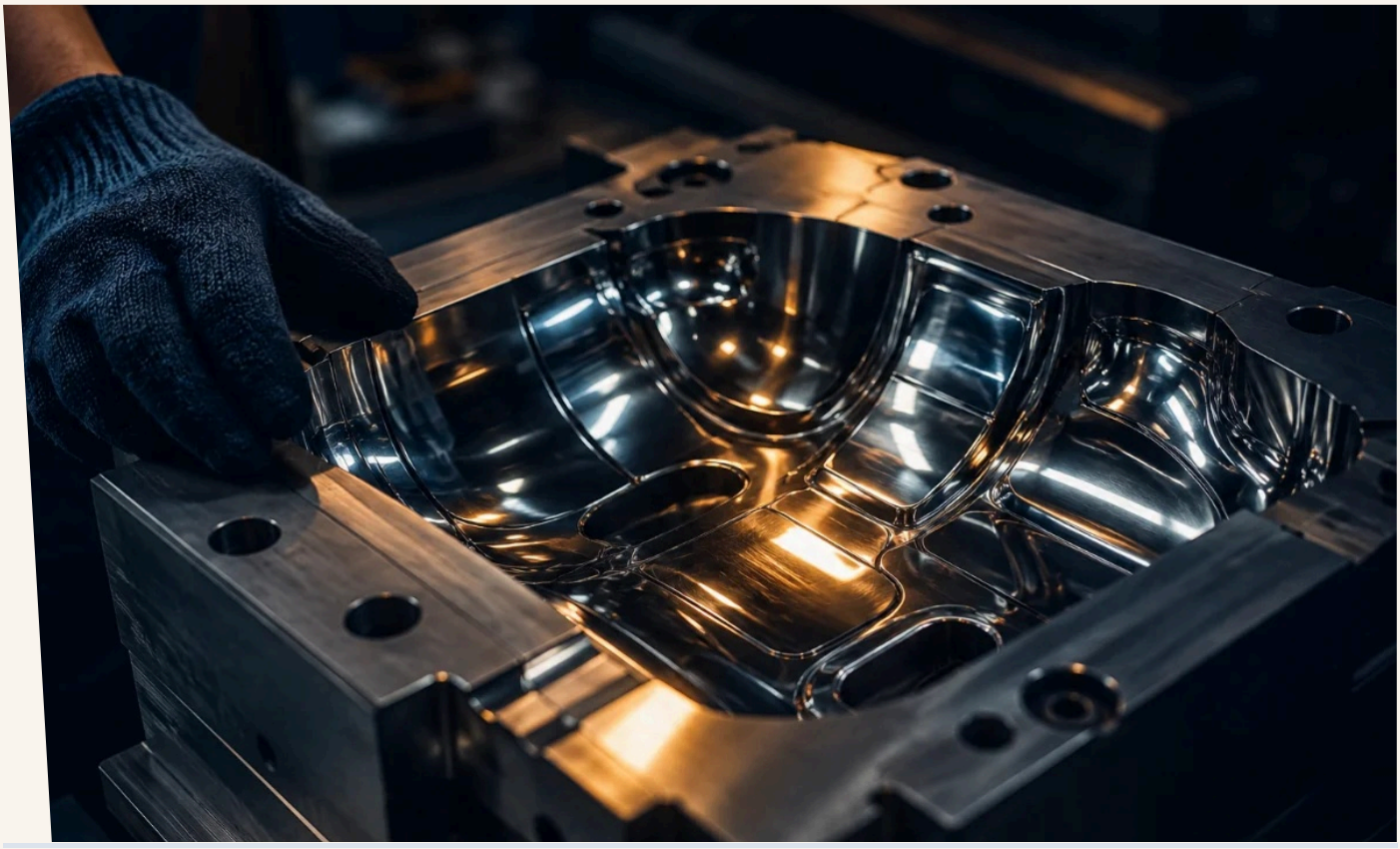
| 10+ | 5 | 15,000+ | 1 |
|---|---|---|---|
| CNC & VMC MACHINING CENTRES | CAD/CAM DESIGN ENGINEERS | SQ. FT. FACILITY | IN-HOUSE TRIAL UNIT |

## MANUFACTURING FLOOR

- 15,000+ sq. ft. production area
- 10+ CNC & VMC machining centres
- 8 EDM machines (Sinker & Wire-Cut)
- Precision grinding & honing section
- Dedicated assembly & fitting bay
- In-house heat treatment facility

## DESIGN & QUALITY

- 5-engineer design team (UG NX, SolidWorks)
- CMM for 3D dimensional inspection
- Surface roughness & hardness testing
- In-house injection moulding trial machine



HATTRIX
MOULD CRAFT

GET IN TOUCH

# SEND US YOUR DRAWING.

## WORKS & OFFICE

2, Pushp Vrund Industrial Hub-1, S.P. Ring Road, Nr. La Arriba Hotel, Near Hathijan Circle, Gerat Nagar, Ramol, Ahmedabad – 382445, Gujarat, India.

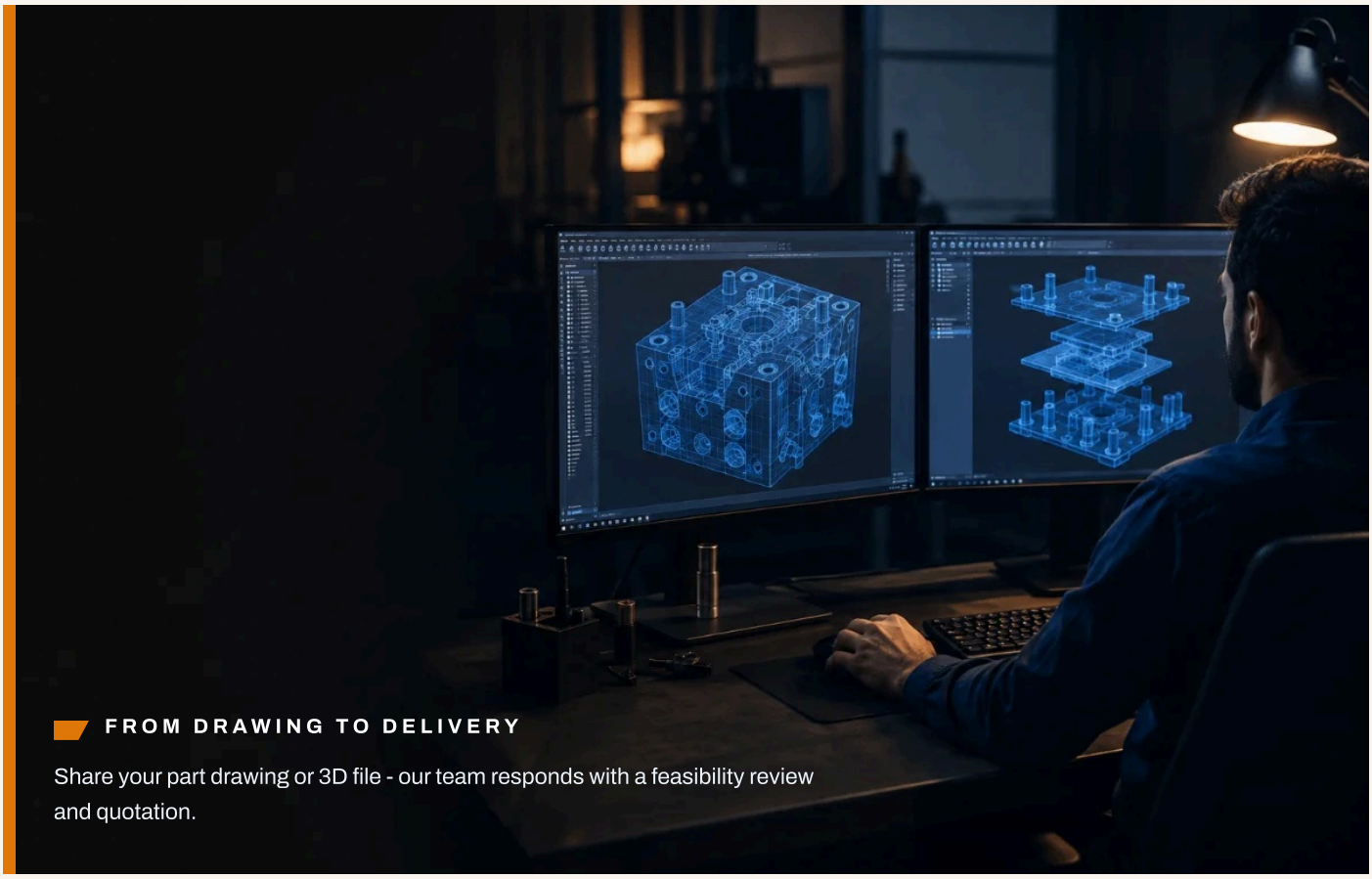
SCAN FOR DIRECTIONS

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## FROM DRAWING TO DELIVERY

Share your part drawing or 3D file - our team responds with a feasibility review and quotation.


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