

# WELCOME



## Indomation

A TRUSTED PARTNER FOR INJECTION MOULD DEVELOPMENT

MOLD MANUFACTURING

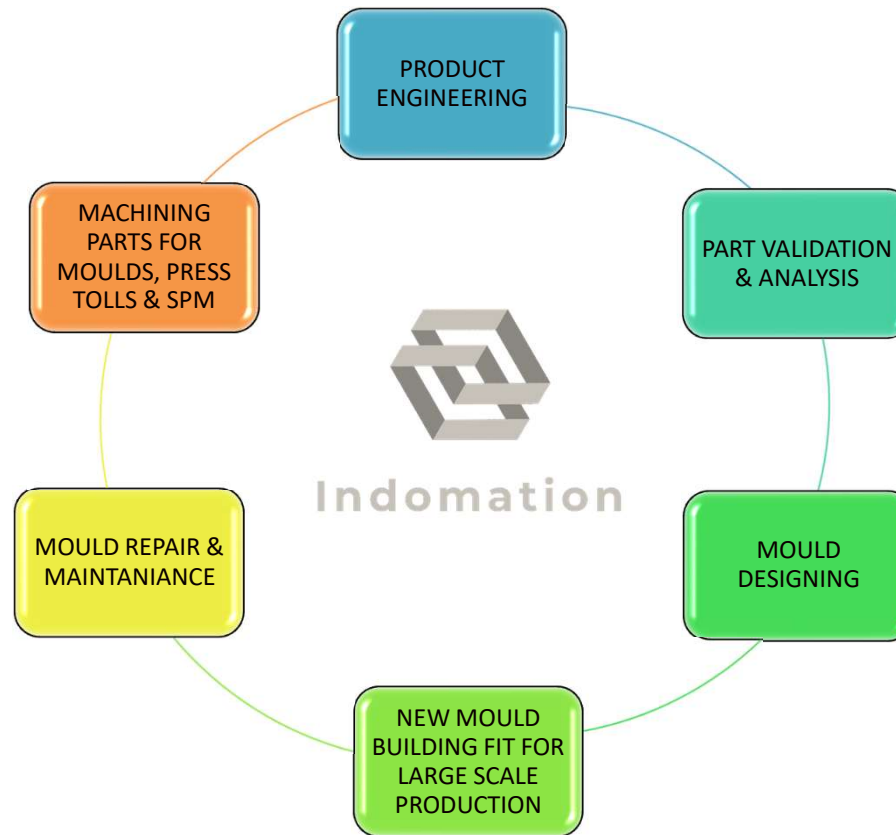
MOLDED PARTS AND ASSEMBLY

ENGINEERING CHANGES

MOLD MAINTENANCE

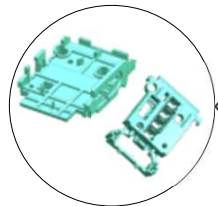
## About Indomation:

**INDOMATION** is a state of the art tool room being set up in the year 2018 by highly experienced professionals who have over 30 years of vast experience in designing, manufacturing and supply of precision plastic injection Moulds & Moulded parts.





Automotive



Electrical &  
Electronics



FMCG, AGRI-FARM  
EQUIPMENTS



Medical  
Components

- **INDOMATION** mould build capability is up to 850T
- Hands on experienced Management received many customer appreciations and led to long term relationships with customers.
- **Team of motivated staff**
- Superior machining facilities.
- **Proper planning of projects and timely delivery.**

## Our Valuable Customers



Malhar Auto Industries



DAS AGRO PLAST PVT. LTD.



AIR INTERNATIONAL TTR  
THERMAL SYSTEMS

## *Indomation Method Of Mould Making & product validation*

1. Detailed Study of end product . (Specifications,fucntional requirements ,GD& T)
2. For functional parts witness lines, weld lines, fitments. Based on this steel safe conditions are decided .
3. Study of material, Grade , Rheology , mold flow and cool warp analysis .
4. Draft analysis for texturing ,thickness analysis ,potential post molding issues are forecasted.
5. Defining the machining process based on the requirements.
6. Designing the mold with proper care by which considerations are given for future corrections and improvements. Faster machining ,proper care for aesthetics , Improved build quality ,longer life tools based on customer requirements.

Data study with mold design will be reviewed with the customer in order to receive the customer inputs and lessons learnt from their previous experiences with the similar parts.

Steel safe conditions for negative correction , closer tolerance dimensions .

Planning inserts , pins for easy replacements and re machining easiness.

Proper measuring and assembly techniques .

Best quality oils ,coolants . Proper surface treatments and usage of standard components.

Usage of CMM for inspection based on requirements from a trusted vendor or suggested vendor.

Mold trials and corrections until the pre agreed terms are met.



## Employees Strength

Skilled Employees	Experience	
Tooling head	30 year	1
Project & Quality Head	12 year	1
Design head	13 Year	1
Senior designer	10 year	2
Design engineers	4 year	4
Toolmakers	2-10	6
Conventional Machinist	5	10

Indomation firmly believes in the principle of team work , technically strong , morally Enlighted employees are back bone of our industry.

# Plant Machines List



## TOOL ROOM

- ❖ VMC – Haas – VF5
- ❖ VMC – AMS
- ❖ CNC EDM (2 Machine)
- ❖ ZNC EDM (4 Machine)
- ❖ EDM DRILL
- ❖ SODICK WIRECUT
- ❖ SURFACE GRINDING (4 Machine)
- ❖ M1TR (2 Machine)
- ❖ RADIAL DRILLING
- ❖ LATHE

## CAD SERVICES



- ❖ Workstations
- ❖ NX U
- ❖ BRICS CAD
- ❖ Mold flow
- ❖ Work NC
- ❖ Dedicated Design Office

\*Material Handling Equipment - 10Ton Crane & 3Ton Crane

\*Mold manufacturing Capacity : 10 mold / Month

# Future Expansion Planning for next year

## NEW PLANT

- ❖ 11000 sq.ft



## QUALITY

- ❖ CMM



## PRODUCTION

- ❖ MOULDING MACHINE-80T
- ❖ MOULDING MACHINE-250T
- ❖ MOULDING MACHINE-1200T





## TOOL ROOM

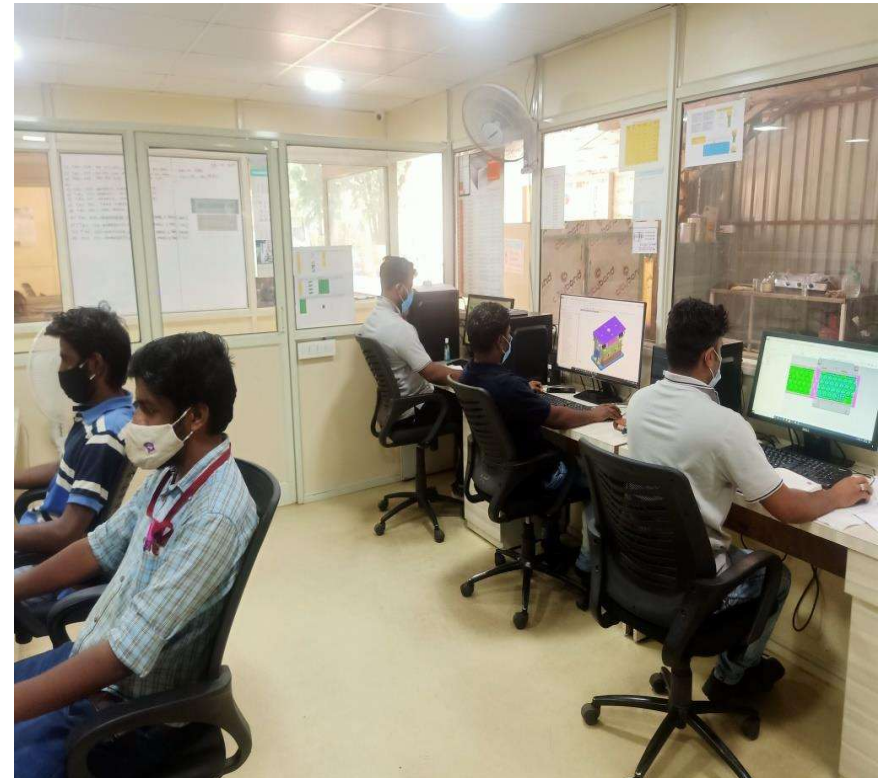
- ❖ DOUBLE COLUMN EDM
- ❖ DOUBLE COLUMN VMC
- ❖ SPOTTING PRESS
- ❖ SURFACE GRINDING



## FACILITY



## DESIGN SECTION





## TOOL ROOM FACILITY- (AREA-8000 SF)





## CONVENTIONAL MACHINES



## EDM MACHINES

**SODICK CNC**



BED SIZE- 600X500X500

**JOEMARS - ZNC**



BED SIZE- 600X500X500

**CHMER - CNC**



BED SIZE-400X300X500



## EDM MACHINES

**VINPAK - ZNC**



BED SIZE- 300X200X250

**JOEMARS - ZNC**



BED SIZE- 400X300X550

**SPARKONIX-WIRE EDM**



## WIRECUT MACHINE



SODICK



## VMC MACHINES

**HASS**



BED SIZE-1200X600X600

**AMS**



BED SIZE-850X300X500

**PROGRAMMING SECTION**



## PLASTIC INJECTION MOULDING MACHINES



**FERROMATIK MILACRON– 150 T**



**FERROMATIK MILACRON– 350 T**

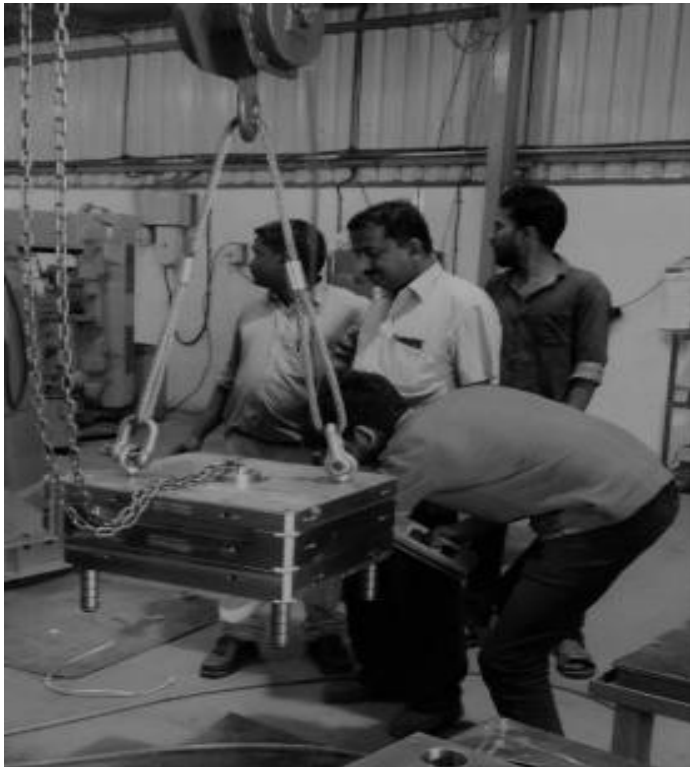
## PLASTIC INJECTION MOULDING MACHINES



**FERROMATIK MILACRON- 80 T**



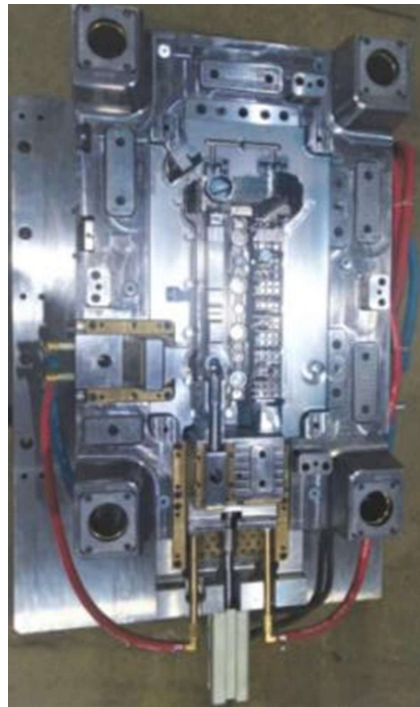
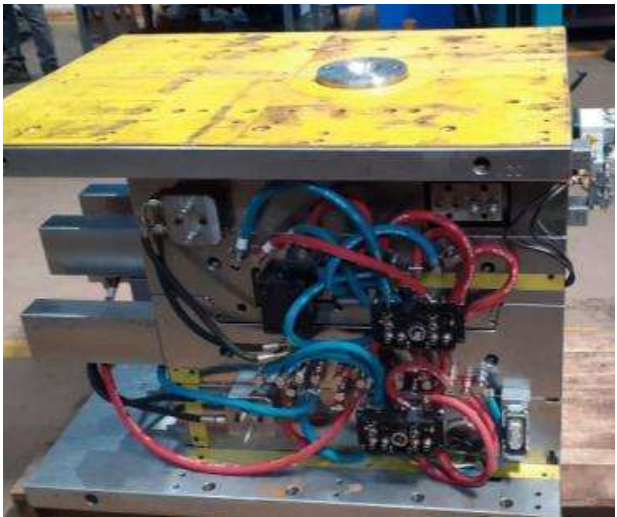
## MOULD ASSEMBLY



## POLISHING



## Recently Completed Mold



Part With fixture



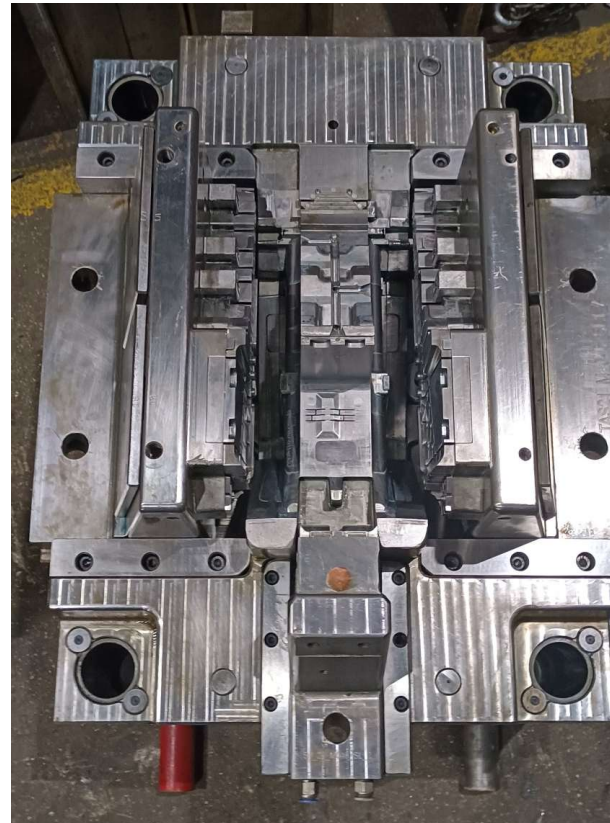
## Recently Completed Mold



Recently Completed Mold  
Console Frame



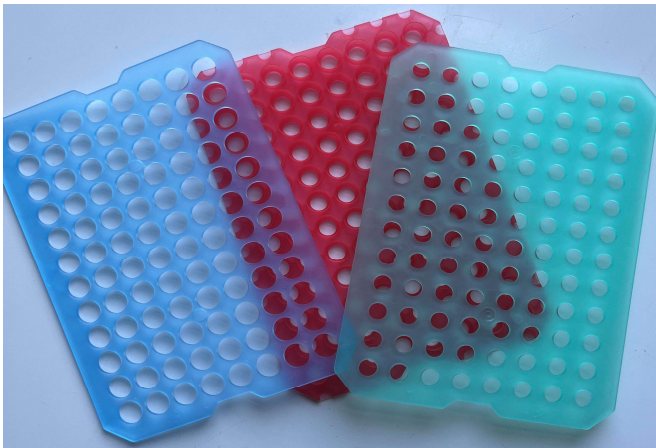
Fixed Half



Moving Half



## RECENTLY BUILD MOLDED PARTS



## RECENTLY BUILD MOLDED PARTS

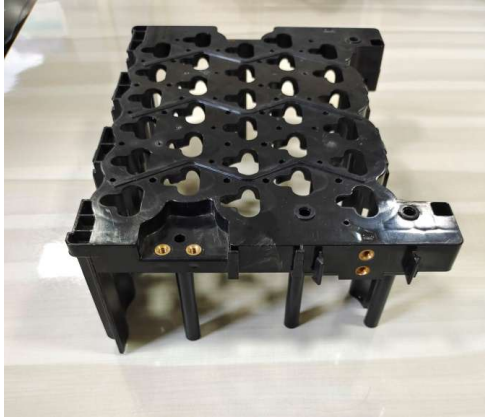


## Recently Completed Mould trial parts





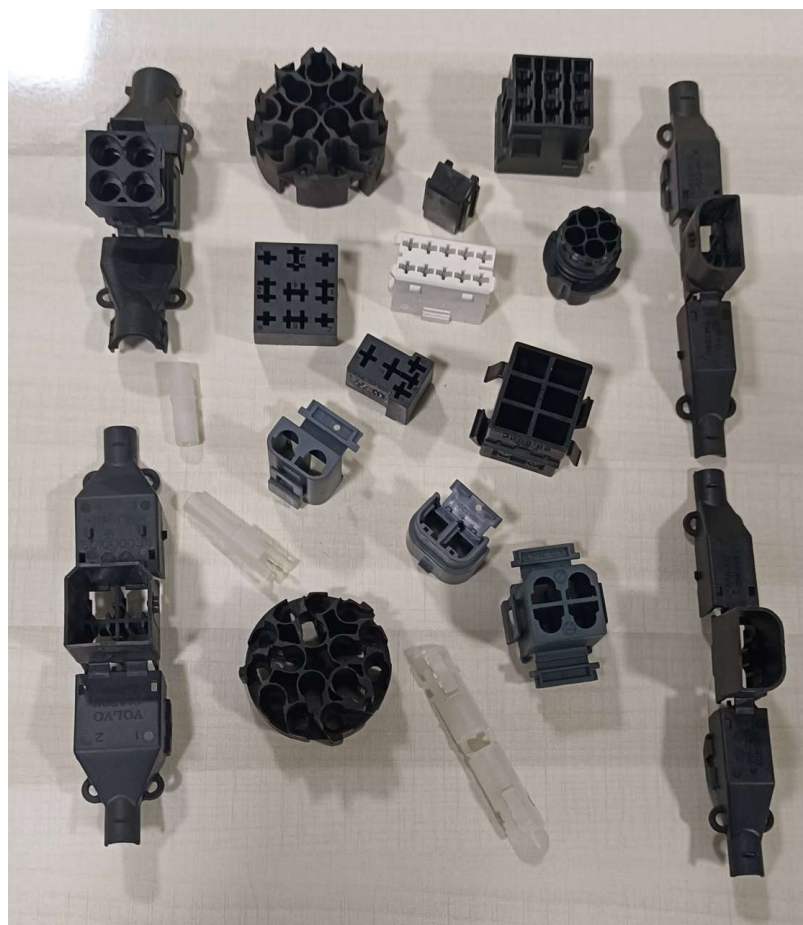
4W,3W EV Battery cover



Recently Completed Mould trial parts



## Electrical connectors





## IP Parts



## Zero Parting line Parts





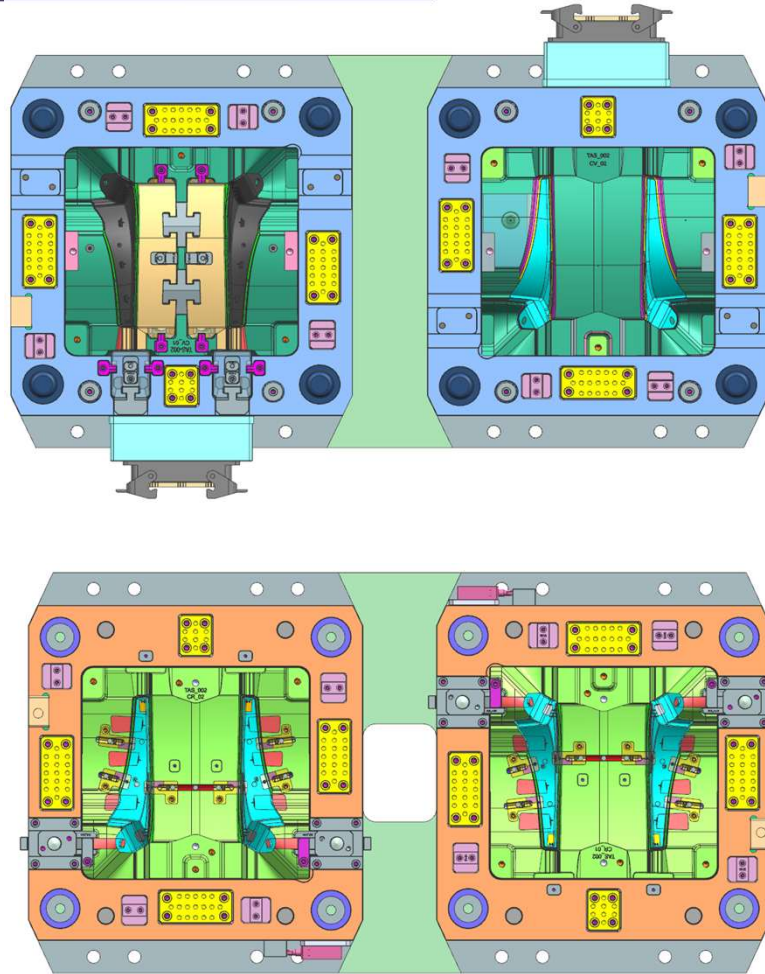
## Thermoset moulding



## Chrome plated parts



## 2K Mould and Part



## QUALITY



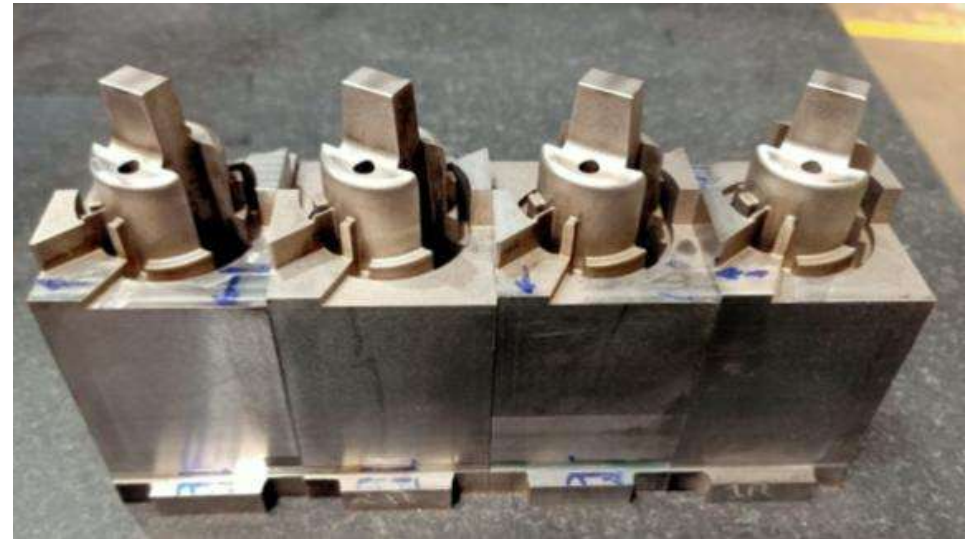
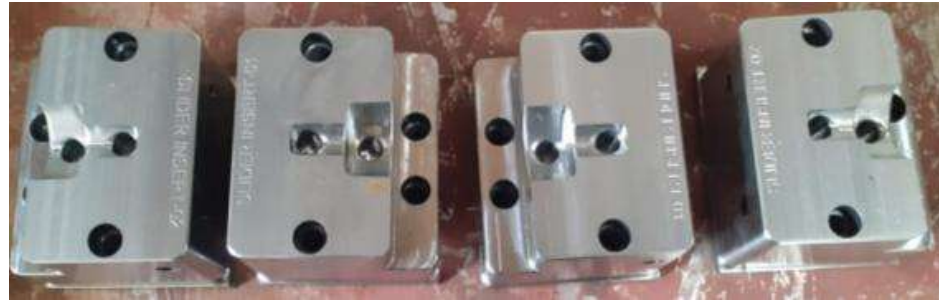
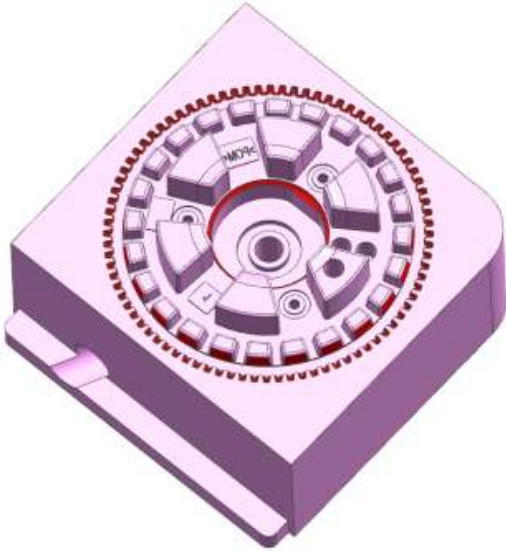
VMM



LASER ENGRAVING

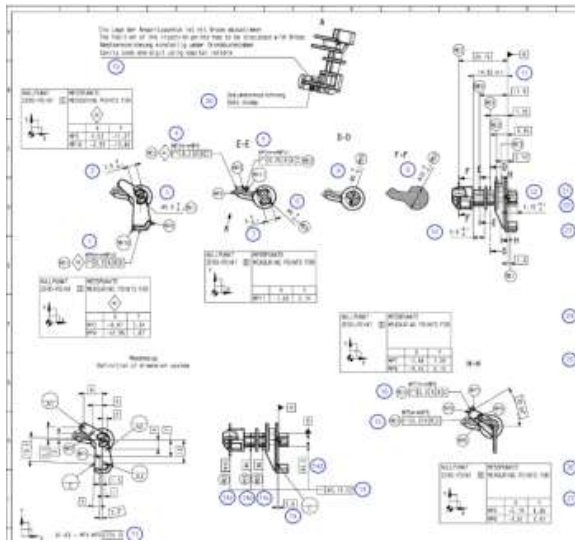
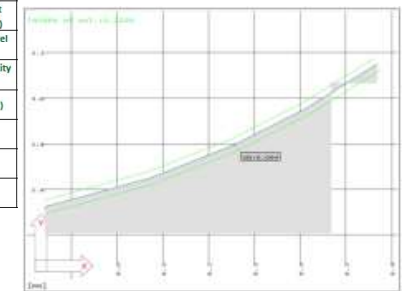
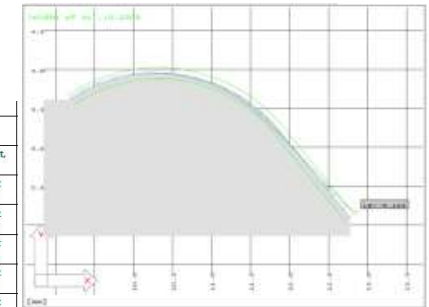


MACHINING PARTS FOR MOULDS, PRESS TOLLS & SPM





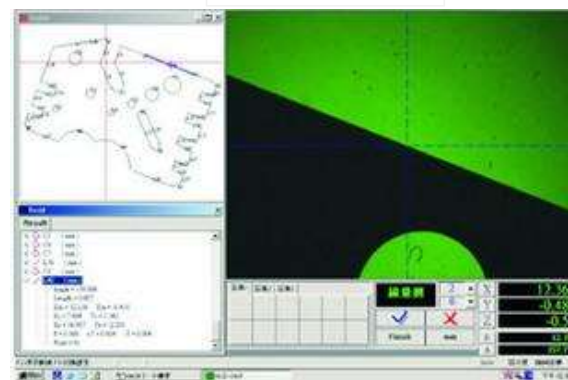
## Product Optimization

[illegible]

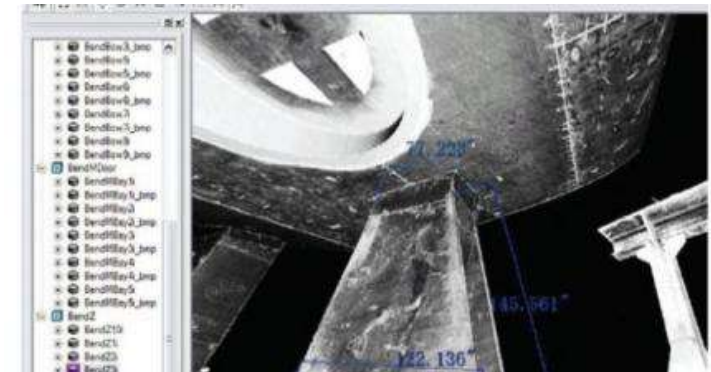
## CMM Checking



## VMM Checking



## 3D Scanner Checking

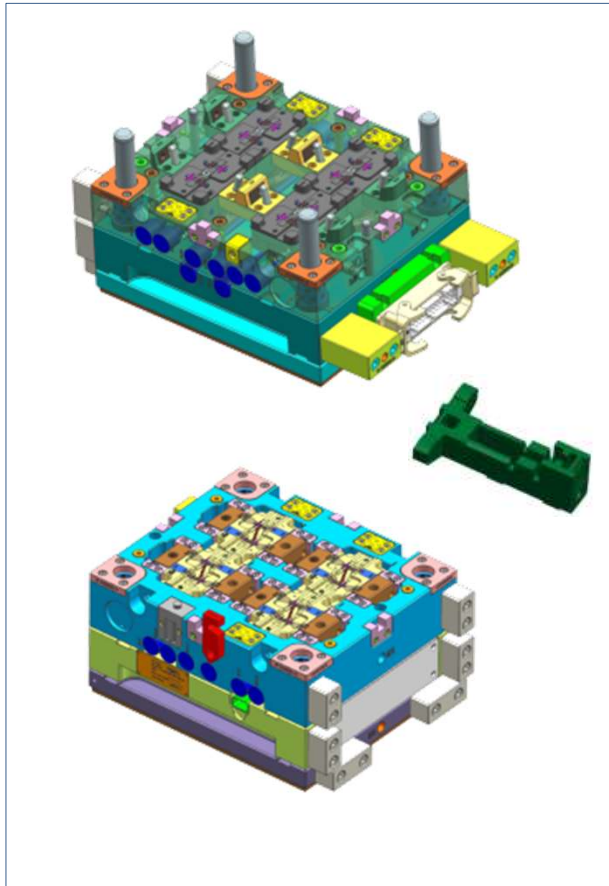


# Why consider doing business with **Indomation**

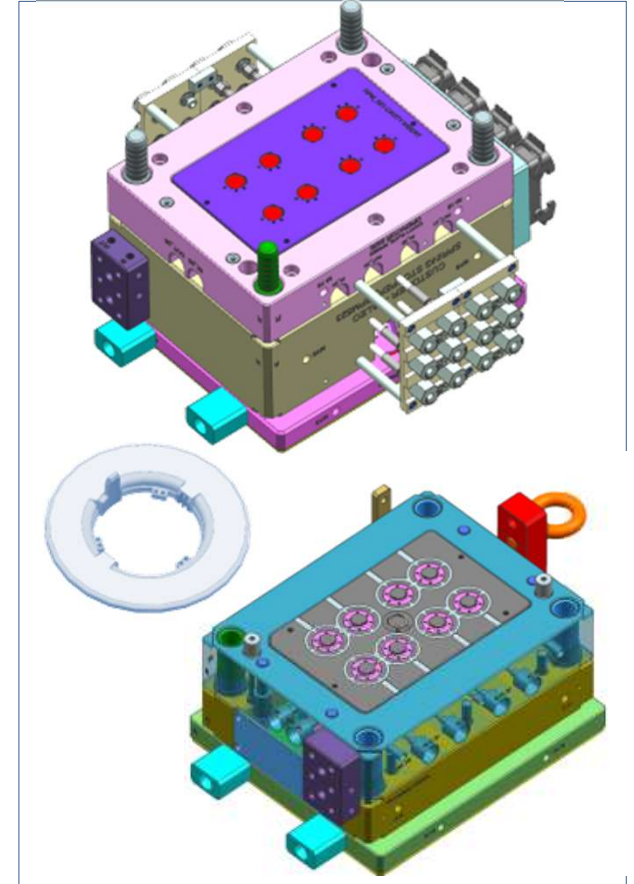
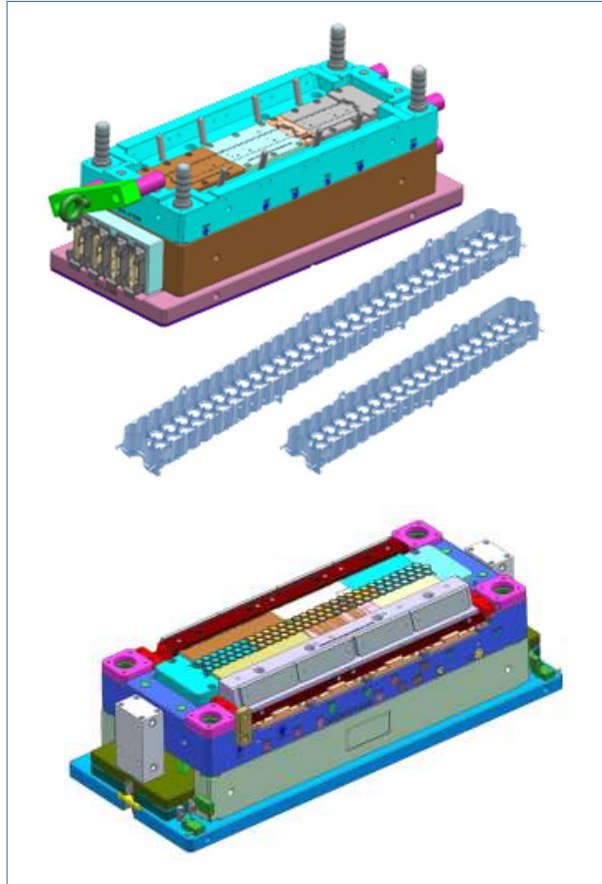
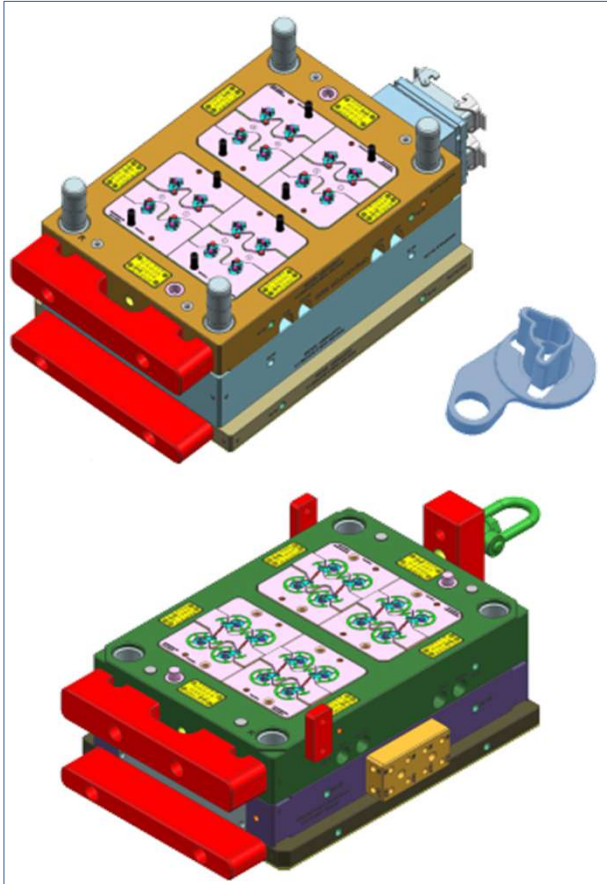
- ❖ Experienced management team in the field of tool room & automotive plastics parts development
- ❖ Experienced technical staff for design and inspection needs
- ❖ Strong Vendor base to handle extra work loads .
- ❖ Planned futuristic advanced machining centre ,CNC EDM ,Wire EDM.
- ❖ Step by step quality systems up gradation plan in place for future needs of customer



## RECENT DESIGN PROJECTS



## RECENTLY BUILD MOLD PROJECTS





Indomation

Mfg. & Maintenance of Precision Molds, Mold design & Molded parts

Address: #45, Swarup Colony, Anand Nagar, Sinhgad Rd, Pune 411051

Email: sales.utkarsh@indomation.in / [shan@1800belt.com](mailto:shan@1800belt.com)

**GSTIN : -2 7 G A H P S 2 2 7 3 A**

**Thank you and looking forward for a beginning of business  
relation with your esteemed organization**

