



Machino Plastics Limited

MACHINO PLASTICS LIMITED



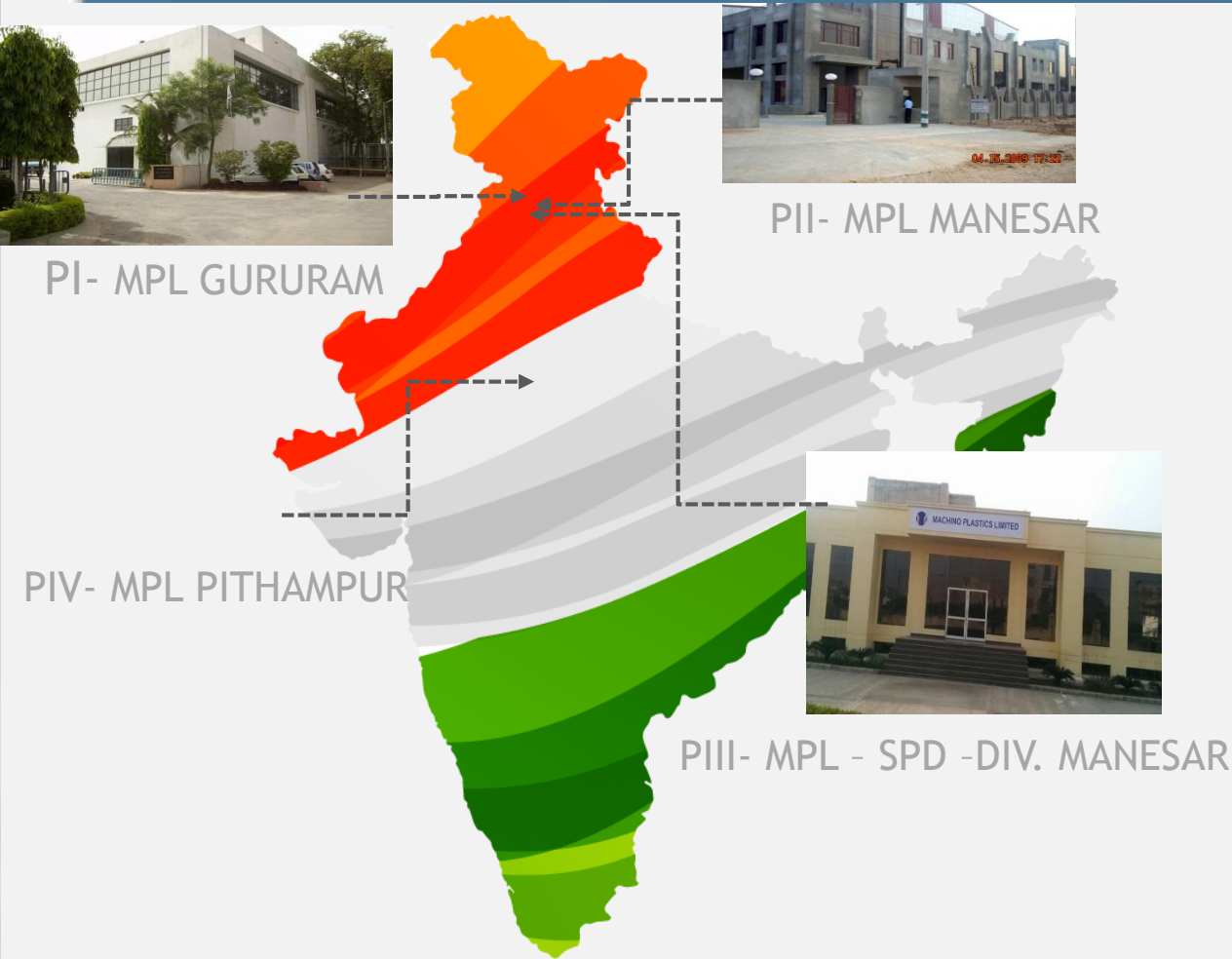
MACHINO PLASTICS LIMITED - ONE STOP SOLUTION



LEADERS IN AUTOMOTIVE PLASTIC PARTS SINCE 1987

Molding your Concepts into realization





MACHINO AT A GLANCE

NAME : MACHINO PLASTICS LIMITED

ESTABLISHED : STARTED PRODUCTION IN 1987

BUSINESS : TIER 1 OEM - PLASTIC INJECTION
MOLDED PARTS & ASSEMBLIES

LOCATION : Plant I - 3, MARUTI JV COMPLEX, UDYOG
VIHAR, GURUGRAM, HARYANA

: Plant II -128 & 129, Sector 8, IMT,
MANESAR, GURUGRAM, HARYANA

: Plant III - 81, Sector 8, IMT, MANESAR,
GURUGRAM, HARYANA

: Plant IV - 527, Sector 3, PITHAMPUR
INDUSTRIAL AREA, DIST DHAR, MP

LAND AREA : P1-9900+P2-6200+P3-8000 + P4- 7800 sq. mtr

COVERED AREA : P1-12000+P2-20000+P3-12500+P4- 2200 sq. mtr

ABOUT US



OUR PRODUCT RANGE

1

EXTERIOR PARTS

BUMPER- FR / RR,
GARNISH BUMPER,
GRILLE,
BAZEL FOG LAMP,
GUARD SIDE SILL,
FENDER FR/RR,
GARNISH PILLAR,
MIRROR PARTS, ROOF
ABROSBER

2

INTERIOR PARTS

INSTRUMENT PANEL, PANEL
CLUSTER,
GLOVE BOX ASSY,
AIR VENT ASSY,
PILLAR FR, RR
QUARTER TRIM,
TRIM TAIL END,
FLOOR CONSOLE FR/RR,
BOTTLE HOLDER

3

UNDER HOOD PARTS

AIR INTAKE MANIFOLD
PARTS, AIR FILTER
PARTS, SHROUD FAN,
ENGINE COVER,
ABSORBER



Tooling Division - MPL MANESAR

Establish

2019 Manesar , India

New Business

OEM & TIER 1 - PLASTIC INJECTION Molds And ECN work

Industry

Commercial tool room for Plastics molding parts in India for automotive segment.

Facilities

Up to 30 T tool Manufacturing facilities, with mold testing (tryout) .

**Target Customers
Automotive**

OEMs, Tier 1 suppliers across 2 & 4 wheelers, LCV & HCV.

Employees

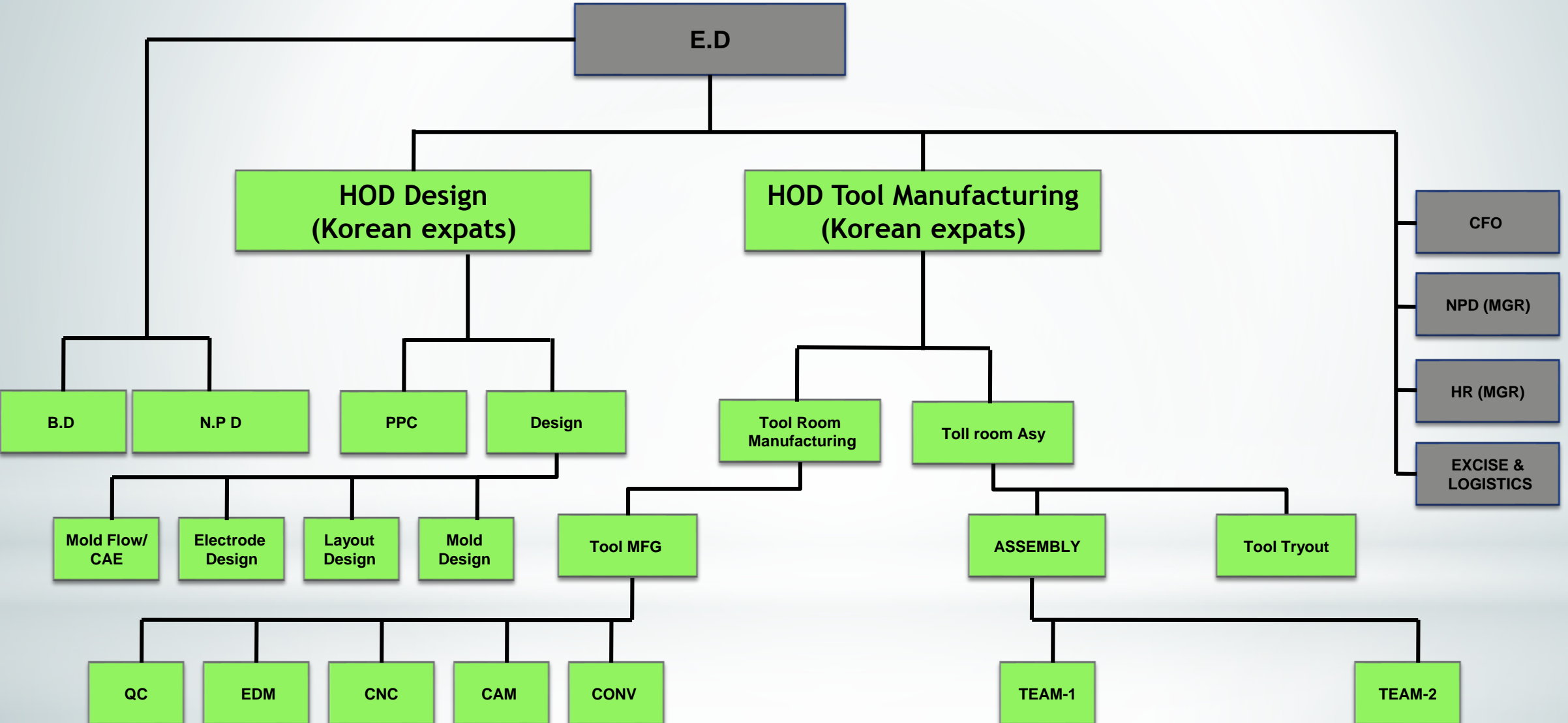
45 workforce include design & manufacturing under guidance of Experience Foreign technical partners

Our Start-up Journey for Tool room



“To be recognized as the leaders
of automotive injection mold
manufacturing & total solution provider
to our valued customers.

And create value through knowledge and learning
that will empower professionals, members &
management in the space of mold manufacturing and
improve quality of life.”



Machino Plastics Key Strengths

- ❖ Well known Plastics Molding industries since from 1987, now equipped with tool room facility for tool development
- ❖ IATF 16949:2016 Certified organization , heaving systematic & well defined work flow from RFQ level to mold and component delivery.
- ❖ Fully equipped with latest Mold manufacturing technology with a capacity of 150 T molds up to 3150 T molds
- ❖ Specialized in mold manufacturing for automotive plastic injection molding parts , and capable of handling global OEM & Tier -1 Suppliers with fully understanding of their manufacturing standards.
- ❖ Technical Tie up with PLAKOR Korea
- ❖ A team of talented engineers with leading CAD/CAM capabilities , offers Non stop service like Design Feasibility study, Product designing, Mold Flow & try outs etc.

Manufacturing Capabilities

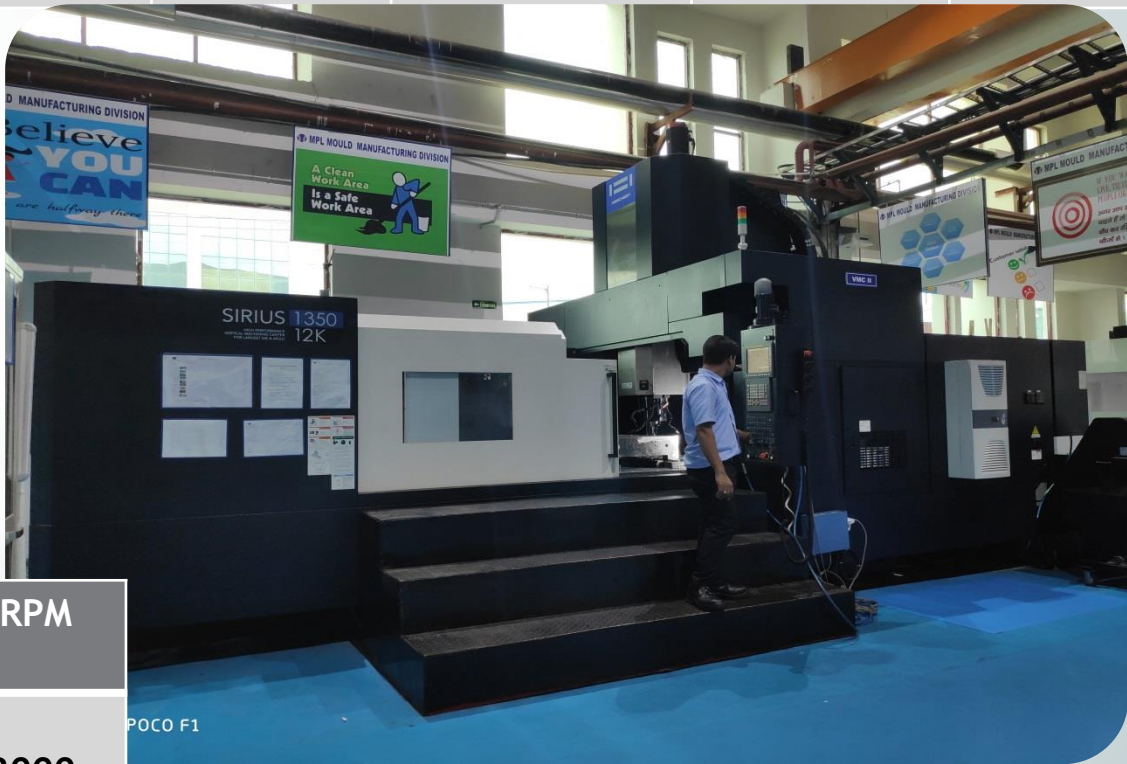
- ❑ VMC Machines → 03Nos
- ❑ Graphite CNC Machine → 1Nos
- ❑ CNC EDM (Double head) → 01Nos
- ❑ CNC WIRE CUT → 01Nos
- ❑ Gun drill Axis deep hole drill Machine → 1Nos
- ❑ High Precision Injection Molding Machine =62Nos. (100 ton-3150 ton)



CNC MACHINING CENTER..... Machino Plastics Limited



MODE L	MAKE	TABLE SIZE	TRAVEL(X/Y/Z)	MAX LOAD (KG)	RPM
Sirius 1750	Hwacheo n	4200*175 0	4000/1750/8 00	10000	12000



MODEL	MAKE	TABLE SIZE	TRAVEL(X/Y/Z)	MAX LOAD (KG)	RPM
Sirius 1350	Hwacheon	2800*1200	2550/1350/750	8000	12000

CNC MACHINING CENTER.....



Machino Plastics Limited



MODE L	MAKE	TABLE SIZE	TRAVEL(X/Y/Z)	MAX LOAD (KG)	RPM
SIRIUS -UL+	Hwacheo n	1200*600	1050/600/55 0	800	20000



MODEL	MAKE	TABLE SIZE	TRAVEL(X/Y/Z)	MAX LOAD (KG)	RPM
SMART UaX	Hwacheo n	1200*700	1300/750/420	400	20000





DIE SPOTTING

MODEL	MAKE	TABLE SIZE (MM)	TONNAGE(Ton)	MAX LOAD (Ton)
DSP-3322	CMTI		500	30



GUN DRILL

MODEL	MAKE	TABLE SIZE	TRAVEL	JOB LOAD	MAX DRILL DEPTH
DMBC-1500	DAE	3000X200	2500/1500/1700	30000	1500

MODEL	MAKE	TABLE SIZE	TRAVEL	JOB LOAD (KG)	ELECTRODE LOAD (KG)	CURRENT
HG-280	HSPK	2800*1300	1650*800*800	40000	300	50/100 A



MODEL	MAKE	TABLE SIZE	TRAVEL	JOB LOAD (KG)
ROBOCUT α-C800iB	FANUC	800*600*500	16 DEGREE	3000





SR.	MODEL	MAKE	TABLE SIZE (MM)	TRAVEL (MM)	JOB LOAD (KG)
1	DEA ALPHA 2.0 20.33.15	HEXAGON MADE IN ITALY	4200*3640*4555	2000*3300*1500	3450



SR.	M/C	QTY
1	Laser Welding	01
2	TIG Welding	01
3	PIGGY Welding	01
4	Argon Welding	01



CONVENTIONAL MACHINES & EQUIPMENT...

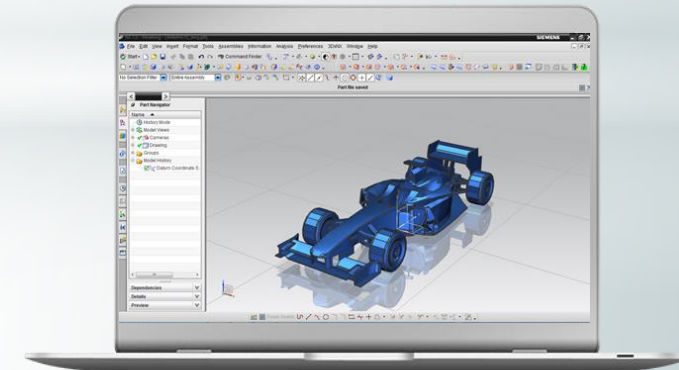
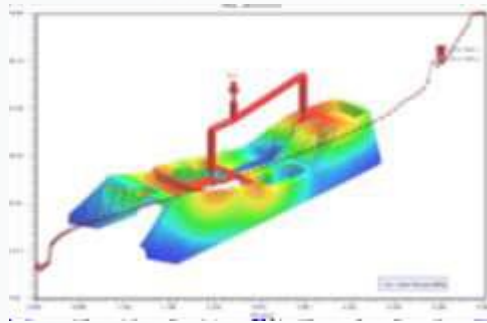
SR.	M/C	MAKE	SPECIFICATION	QTY
1	LATHE(HL-460)	HWACHEON	Center distance: 1000mm	01
2	UNIVERSAL MILLING (HMT-1100)	HWACHEON	Size:1100X280	01
3	SURFACE GRINDER (HGS-515A)	HWACHEON	Table:500X150	01
4	MOULD CARRIER	CMTI	2000X3000X850	01
5	MOULD REVERSE M/C	CMTI	3000X3000	01

❖UG for MOULD DESIGN & POWER MILL for MACHINING

- ❖UNIGRAPHICS(NX)-6 Seat
- ❖UNIGRAPHICS(NX) VIEWER-2 Seat
- ❖UNIGRAPHICS(NX) CAM-1 Seat
- ❖MOULD FLOW-1 Seat
- ❖POWER MILL-4 Seat
- ❖POWER SHAPE-2 Seat
- ❖CAMI SOFTWARE-1 Seat
- ❖AUTO CAD-4 Seat
- ❖CAP-1Seat
- ❖WORK STATION FOR DESIGN/MFA-15 PC
- ❖WORK STATION FOR PROGRAMMING-4 PC

☐ Ensures the design concept before manufacturing commences.

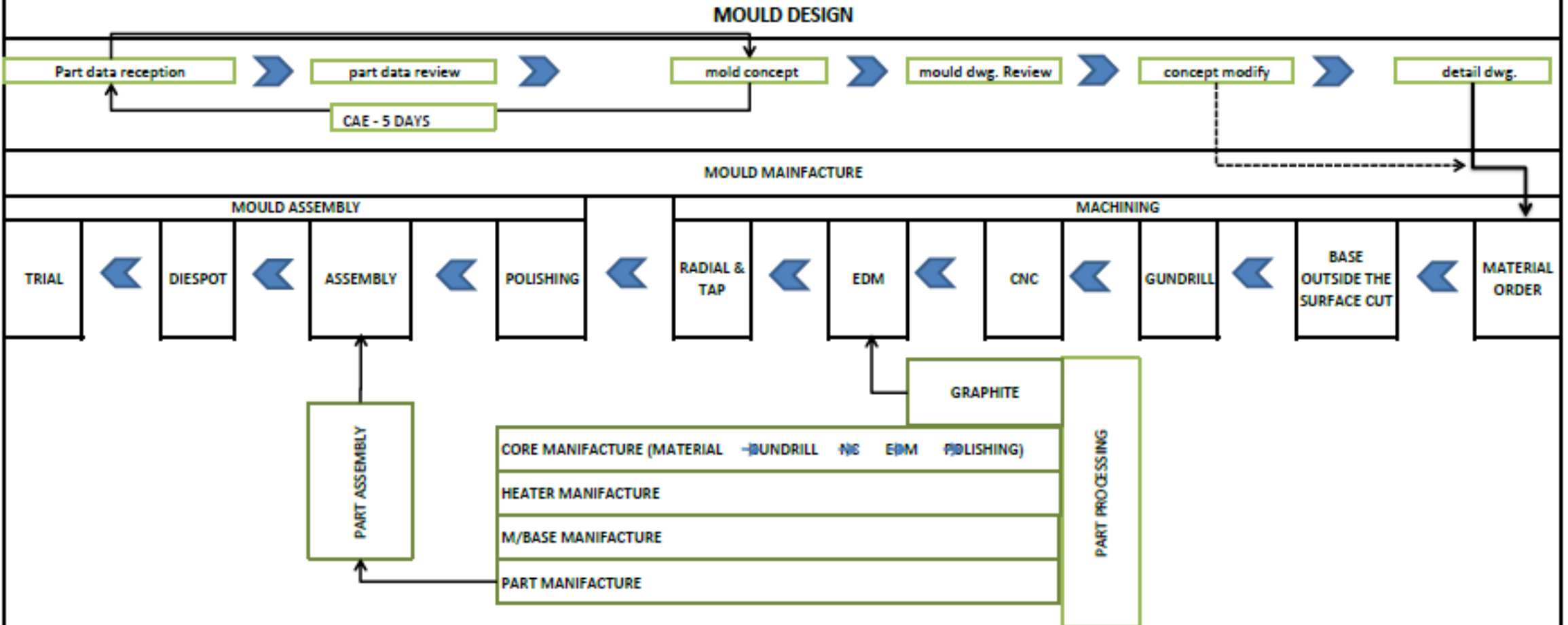
☐ We achieve a high precise productivity through high speed machining.

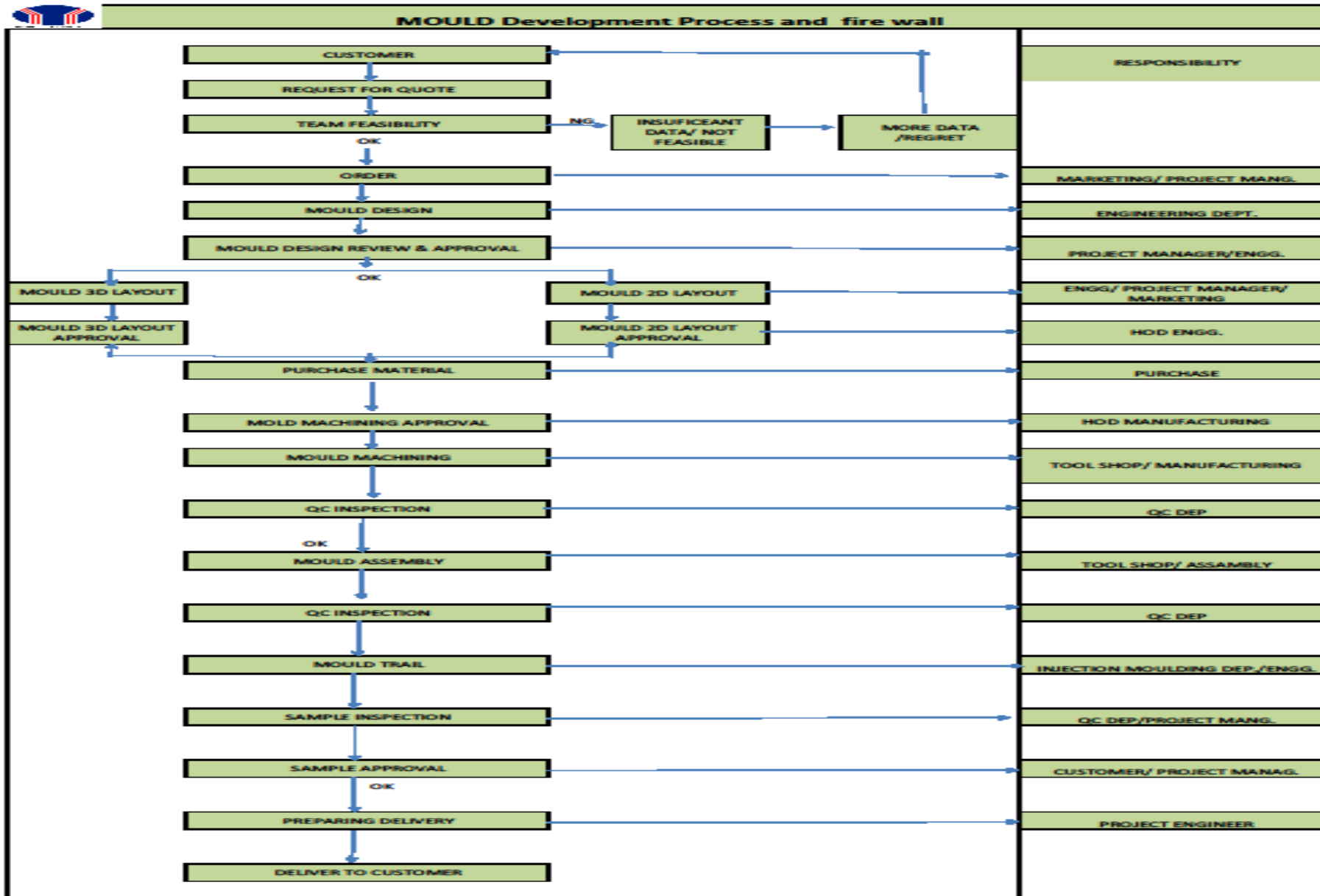


MOULD DEVELOPMENT PROCESS



1. WHOLE PROCESS





Mold
development Proce

WEEKLY TIME LINE UPDATES Machino Plastics Limited

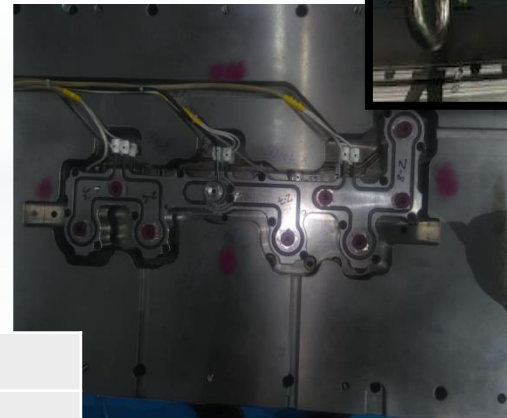
		MACHINO PLASTIC .LTD														DATE:09/04/2019	
		MOULD TONNAGE - (1000T)															
DEPARTMENT: PLANNING																	
SL. No.	ACTIVITY DESCRIPTION	PLAN / ACTUAL	MONTH-1				MONTH-2								REMARK		
			1WEEK	2WEEK	3WEEK	4WEEK	5WEEK	6WEEK	7WEEK	8WEEK	9WEEK	10WEEK	11WEEK	12WEEK			
1	3D-2D MOULD DESIGN	PLAN															
		ACTUAL															
2	MOULD BASE DME	PLAN															
		ACTUAL															
3	RM-P-28/H-15 PURCHASE	PLAN															
		ACTUAL															
4	RM C45 /EN31 PURCHASE	PLAN															
		ACTUAL															
5	STANDARD PARTS	PLAN															
		ACTUAL															
6	CORE/CAVITY INSERT SIZING	PLAN															
		ACTUAL															
7	CORE-VMC IN/HOUSH-ELECTRO DM/C	PLAN															
		ACTUAL															
8	CORE-EDM	PLAN															
		ACTUAL															
9	CAVITY-VMC IN/HOUSH-ELECTRO DM/C	PLAN															
		ACTUAL															
10	CAVITY INSERT EDM	PLAN															
		ACTUAL															
11	INSERT VMC	PLAN															
		ACTUAL															
12	INSERT WIER CUT	PLAN															
		ACTUAL															
13	SLIDER MACHINING	PLAN															
		ACTUAL															
14	SLIDER EDM	PLAN															
		ACTUAL															
15	MOULD BASE MACHINING	PLAN															
		ACTUAL															
16	CONVENTIONAL (CHILD PART)	PLAN															
		ACTUAL															



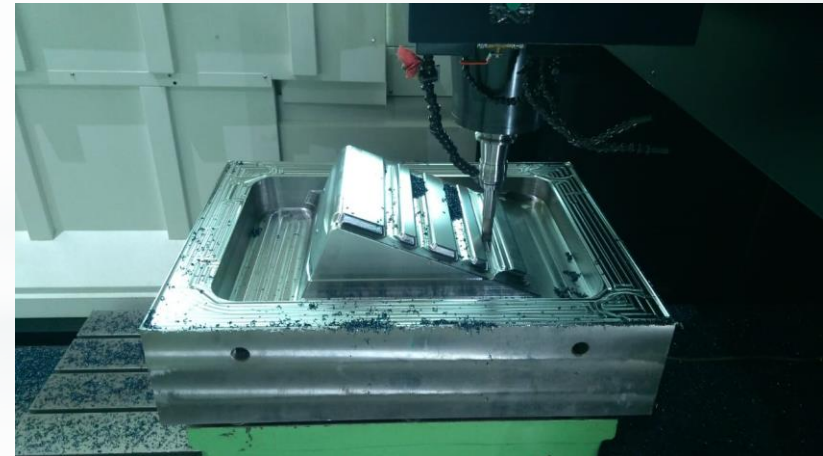
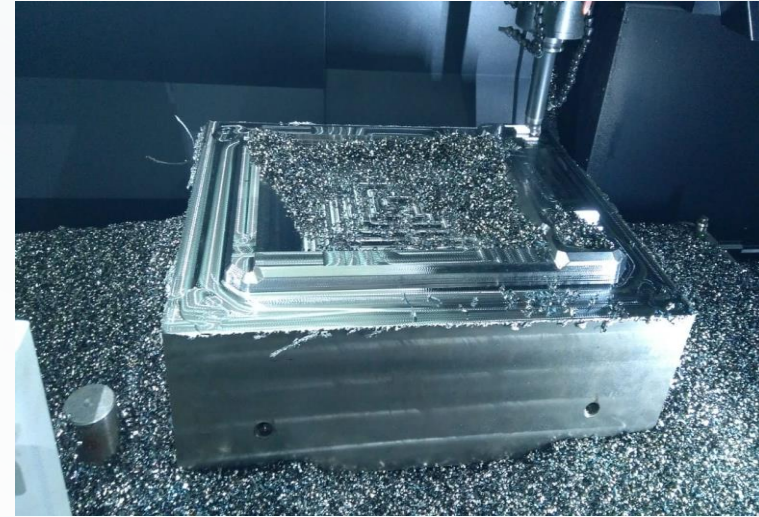
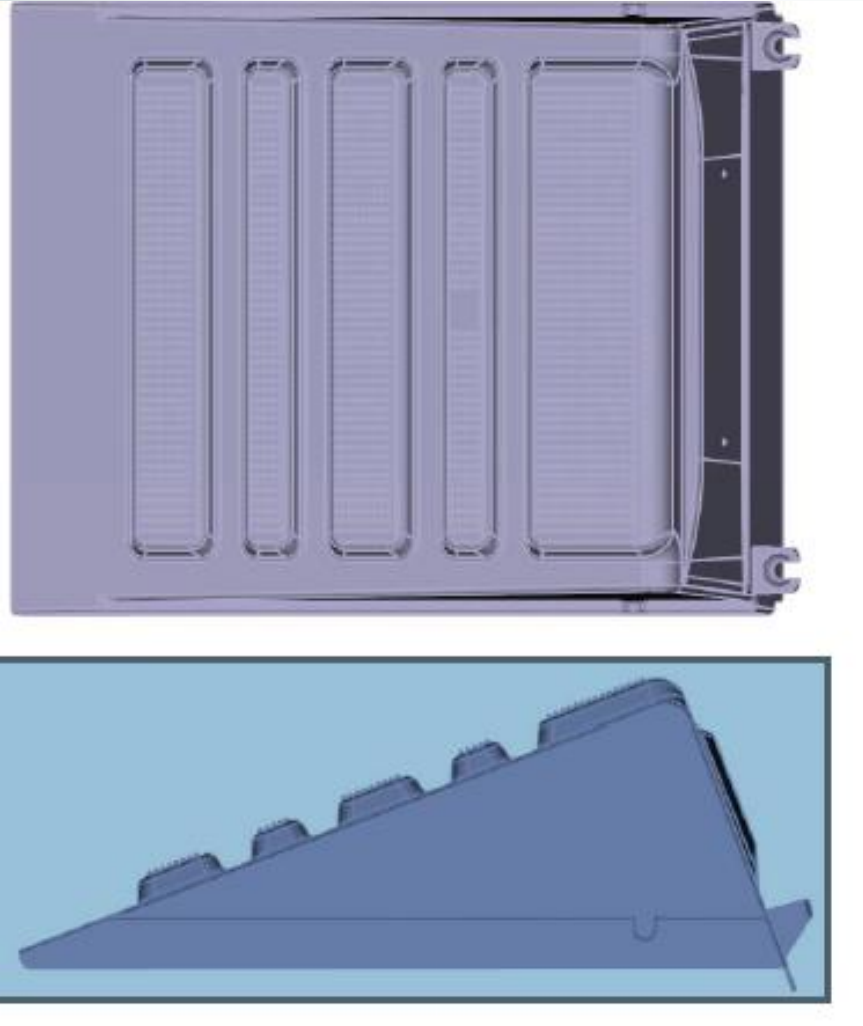
Tools Under development



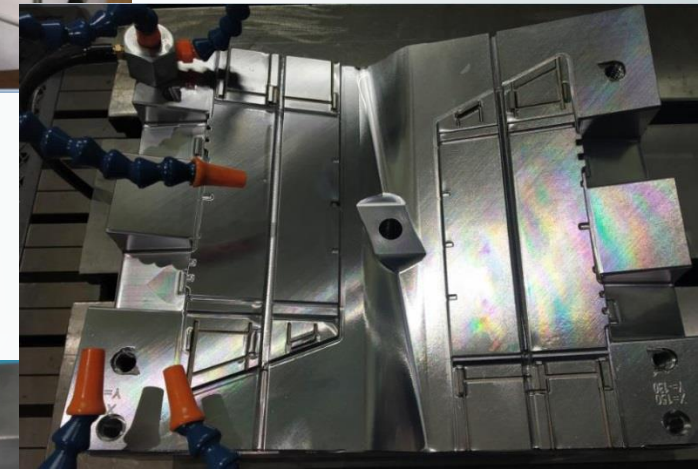
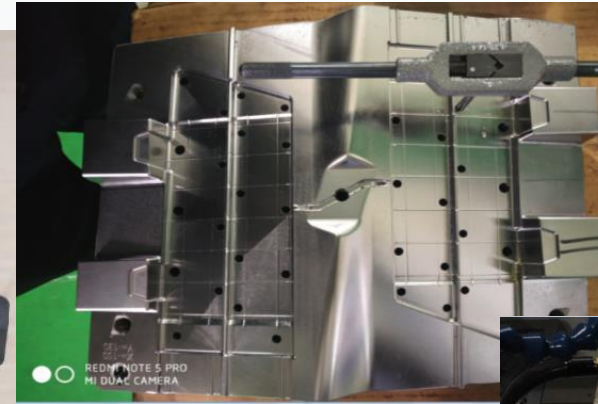
Machino Plastics Limited



PART NAME	PART NUMBER	MODEL	CUSTOMER
Engine cover	72411-68L00&72421-68L00	YP8	MSIL



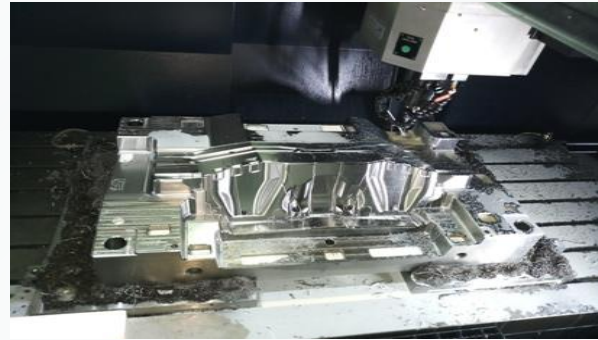
PART NAME	PART NUMBER	MODEL	CUSTOMER
Battery Box Cover	IC402493	Confidential	VECV



PART NAME	PART NUMBER	MODEL	CUSTOMER
Cover Grill Lower	71722-85S00	MBA MC2	MSIL



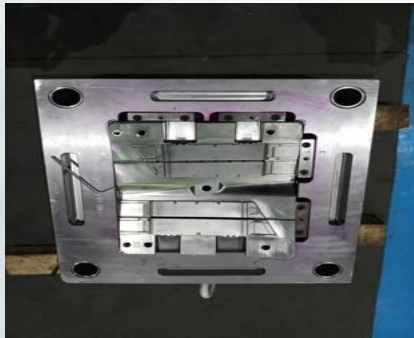
BATTERY BOX SLIDER
SUITABLE FOR (1300 TON
INJECTION M/C)



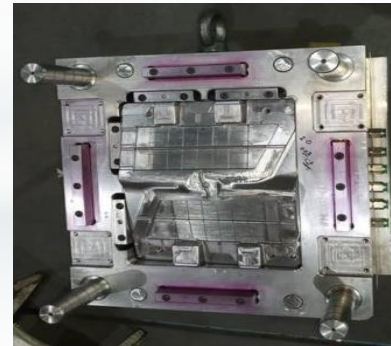
ENGINE COVER CORE



ENGINE COVER CAVITY
SUITABLE FOR (850 TON
INJECTION M/C)

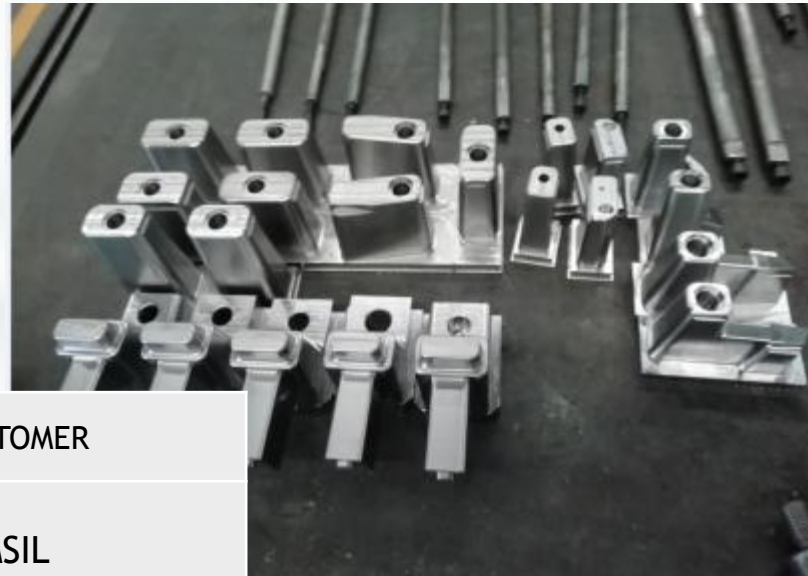


GRILL COVER FIXED HALF
ASSEMBLY



GRILL COVER MOVING
HALF ASSEMBLY
SUITABLE FOR (285 TON
INJECTION M/C)

Machino Plastics Limited



PART NAME	MODEL	CUSTOMER
Garnish Front Bumper	Confidential	MSIL



Successful T 1 Trials done for VECV Project

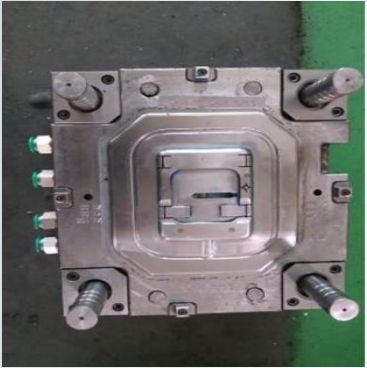


CONSOLE

BEZEL



PART NAME	PART NUMBER	MODEL	CUSTOMER
Amt Consol And Break Bezel	IA351907	Confidential	VECV



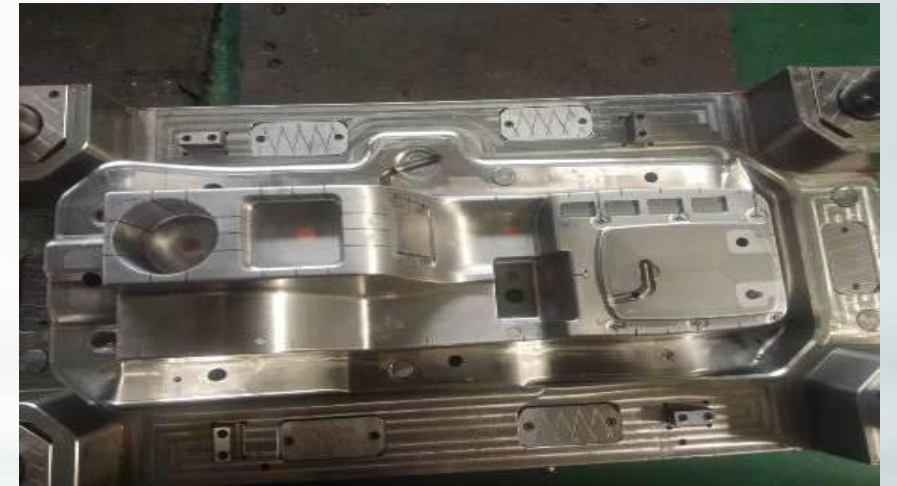
BEZEL MOVING
HALF



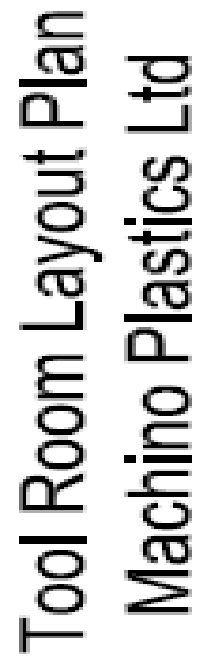
BEZEL FIXED HALF
SUITABLE FOR (120 TON
INJECTION M/C)



CONSOLE FIXED HALF



CONSOLE MOVING HALF
SUITABLE FOR (850 TON
INJECTION M/C)







IATF 16949:2016



OHSAS 18001:2007



ISO 14001:2015



ISO 9001:2015



OUR ESTEEMED CUSTOMERS



Commercial Vehicle

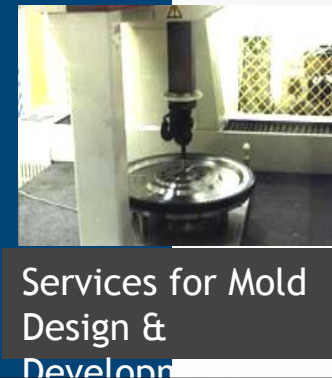
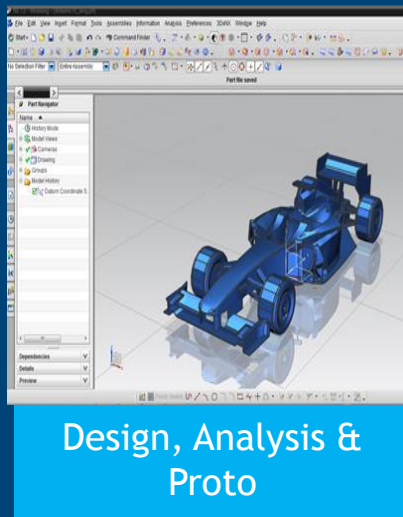


WHY MACHINO PLASTICS

- ✓ LEADERS IN AUTOMOTIVE PLASTICS PARTS SINCE 1987.
- ✓ DESIGNING YOUR CONCEPTS INTO REALIZATION.
- ✓ MOCK UP / PROTOTYPE DEVELOPMENT
- ✓ TESTING & VALIDATION.
- ✓ PART & TOOL FEASIBILITY, DESIGNING & TOOL DEVELOPMENT.
- ✓ MOLD DESIGN, DEVELOPMENT & VALIDATION.
- ✓ STATE OF ART MACHINES FOR PRECISION PARTS & PROCESS.
- ✓ ASSEMBLY.
- ✓ SELECTION & DEVELOPMENT OF COMPOUNDED POLYMER.

MACHINO PLASTICS

ONE STOP COMPLETE BUSINESS SOLUTIONS



Thanks