



AIRWING AIRWING TECHNOLOGIES

Precision Aerospace & Defence parts manufacturer
AN ISO 9001-2015 CERTIFIED COMPANY



SHAPING THE FUTURE OF AEROSPACE

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OUR COMPANY:

AIRWING TECHNOLOGIES is a small scale engineering industry registered under MSME. We are into manufacturing and machining of Aerospace and special purpose components for an engineering industry.

AIRWING TECHNOLOGIES was formed in 2022. Managed by an experienced team of highly skilled in CNC field and dedicated Tool Room personal specialized in design and manufacturing of Aerospace components.

We have a group of passion CAM programmer, strict quality control management, state of art CAD-CAM system and highly precision CNC milling machines to take project from concept to completion with total efficiency.

LOCATION:

We are located at #47, 5th cross, Thigalarapalya main road, Balaji nagar, Peenya Industrial estate, Peenya 2nd Stage Bangalore-560058.

- **CONTACT PERSONS AND DESIGNATION:**

- **MR. ARUNKUMAR.D.N** **-(Managing Partner) (CAD-CAM & Planning)**
@ 8147776954
- **MR. SHIVAPRASADA.D.S** **-(Managing Partner) (CAD-CAM & Production)**
@ 8748055511
- **MR. ESHWAR.C.J** **-(Managing Partner) (Finance & Marketing)**
@ 9743540623
- **MR. VIJAY.A.V** **-(Managing Partner) (Production & Technical Head)**
@ 9353214013

We have spare capacity to accommodate more job and we have full-fledged quality control room with all necessary measuring instruments

The instruments are calibrated periodically as per standard practice at the approved labs are the calibrated centers.

We have necessary qualified man power in the design, quality and production areas and we work around the clock.



OUR COMMITMENT and VISION:

We embrace the challenge of finding timely, accurate solution to intricate design and tooling problems, by constantly investing in new technology tools and equipment's and upgrading the skill of our employees.

We are a people centric organization set out to achieve collective success for our customers, employees and management by ethical means and with high integrity.

OUR MISSION:

To provide zero defect precision machined components for aerospace, avionics and airborne system and ensuring zero wastage to achieve INR 10 Crore turnover by 2030.

OUR FOCUS:

Design development for new products in AEROSPACE INDUSTRY.

Manufacture and supply of sub-assemblies and high precision components to Indian and overseas customers.

To develop high quality low-cost export items engineering applications.

Providing of measurement service portable Height Gauge.

OUR QUALITY POLICY:

We at **AIRWING TECHNOLOGIES** are committed to total customer's satisfaction in terms of quality, delivery and services through state of the art engineering techniques. Also strive for continual improvement in quality management system, technology, process and competency.

We have 10,000 square feet of working area and we have good store and fitting facility, CAD-CAM quality and office and also we can handle customer raw material or component with care and identifying the batch and material grade and store in separate place.

MACHINERIES:



SL No.	DESCRIPTION	MAKE
1	Vertical Milling Center (850*510*510)	BFW BMV-50 TC24
2	Vertical Milling Center (850*510*510)	BFW BMV-50 TC24
3	Vertical Milling Center (850*510*510)	BFW BMV-50 TC24
4	Vertical Milling Center (1500*710*700)	BFW BMV-65 TC24
5	Double column Milling Center (3100*1700*1000)	BFW DMC-1530 TC24
6	Vertical Milling Center (500*400*400)	BFW BMV-544 TC24
7	Turning Center (500*280)	MAC POWER
8	Turning Center (300*250)	LOKESH MACHINES
9	Drilling Machine	ITCO
10	Bench Grinding Machine	STANLEY
11	2000Kg Stacker (Forklift)	Newgen forklift



QUALITY INSTRUMENTS:

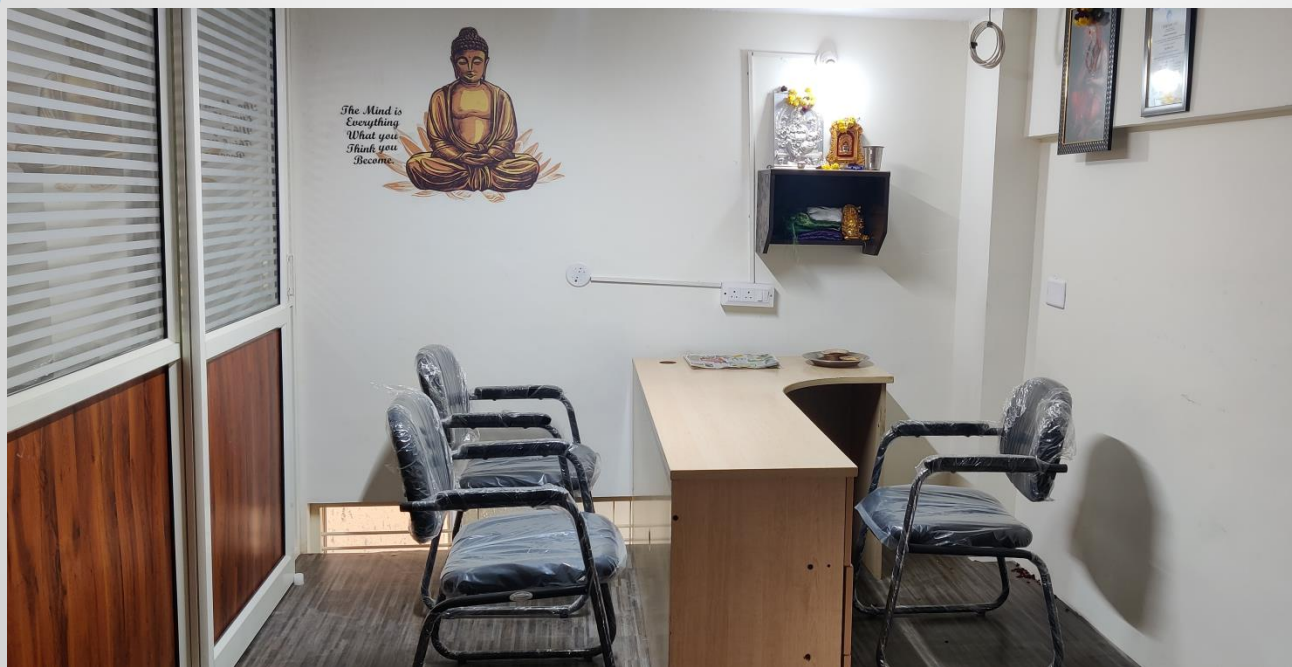
We are having the standard measuring instruments for general inspection and also customized attribute gauges for the regular production jobs, which are frequently calibrated as per the system

SL No	Type of Gauge/ Instruments	Range	Least count	Make
1.	Digital Vernier	0-200 mm	0.01 mm	Mitutoyo
2.	Dial Vernier	0-300 mm	0.01 mm	Mitutoyo
3.	Vernier Caliper	0-200 mm	0.01 mm	Mitutoyo
4.	Digital Height Gauge	0-600 mm	0.001 mm	Mitutoyo
5.	Micrometer(Digital)	0-25 mm	0.001 mm	Mitutoyo
6.	Micrometer	0-25 mm	0.01 mm	Mitutoyo
7.	Micrometer	25-50 mm	0.01 mm	Mitutoyo
8.	Dial Stand	1 Set	-	Dasaqua
9.	Dial indicator	--	0.01 mm	Mitutoyo
10.	Dial indicator	--	0.002 mm	Mitutoyo

SL No	Type of Gauge/ Instruments	Range	Least count	Make
11.	Slip Gauge Set	1.005-100 mm	0.005 mm	Jefuji
12.	Bore Gauge Set	10-60 mm	0.001 mm	Mitutoyo
13.	V blocks	0-150 mm	--	Mitutoyo
14.	Pin Gauge Set	1-12 mm	0.01 mm	AIK
15.	Surface Table	2000*1000* 200 mm	0.006 mm	MI & S
16	TESA HEIGHT MASTER	0-765	0.001	TESA

CERTIFICATION:

Our company is committed to provide ultimate customer satisfaction by ensuring manufacture and supply of precision machined components of highest quality standards and timely delivery goods.



OUR SERVICES:

We are expertized in manufacturing of machining parts which are having the series of different operations, we analyze the design, manufacture, assemble and deliver the end product to use for their applications.

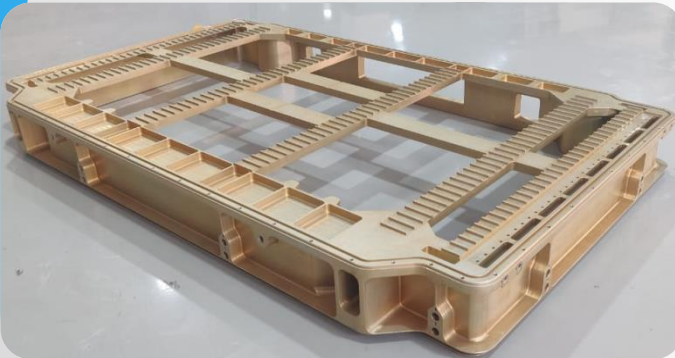
We are able to make assembly parts to machine manufacture , SPM manufacturers and fabricated items manufacturers.

DESIGN , DRAFTING AND MANUFACTURING:

We are having separate design team to **design** new products like components, jigs and fixtures, we are also doing **drafting** for the parts .and **CMM INSPECTION** if required.

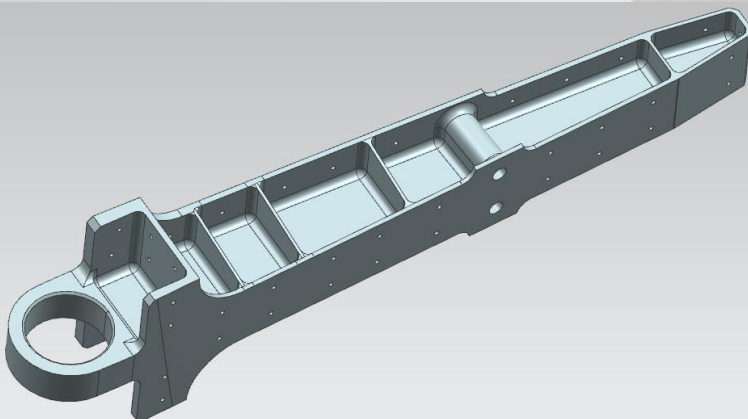
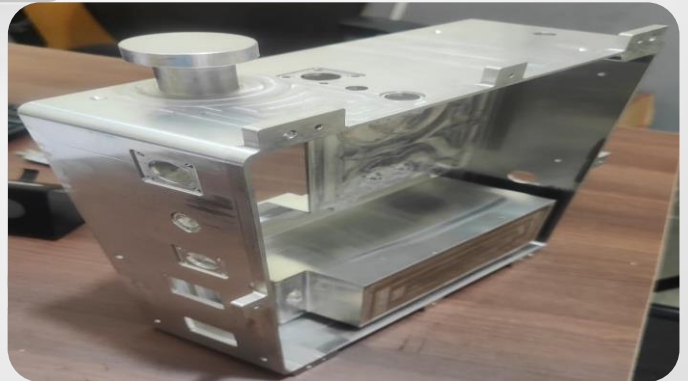
OUR PROJECTS:

COMPONENTS:

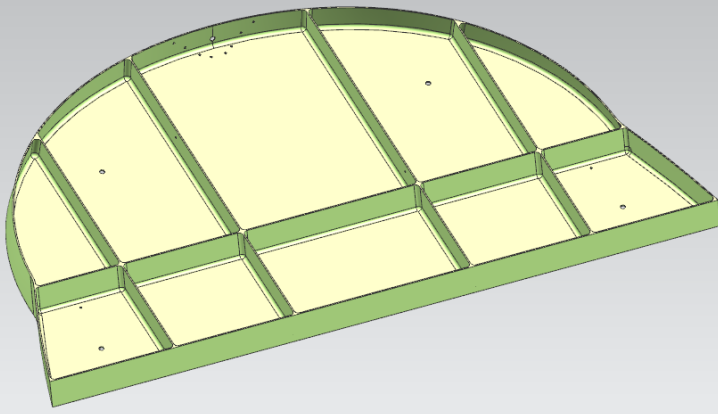


RAW MATERIAL : AL-ALLOY 6061-T651
RAW MATERIAL SIZE : 1150 X 700 X 120mm
WT : 274Kgs
FINISH PART WEIGHT : 15kgs
POSITION TOLERANCE : 0.05mm
PROFILE TOLERANCE : 0.1mm

RAW MATERIAL : AL-ALLOY 7075-T6
RAW MATERIAL SIZE : 415 X 370 X 110mm
WT : 48Kgs
FINISH PART WEIGHT : 4kgs
POSITION TOLERANCE : 0.05mm
PROFILE TOLERANCE : 0.1mm

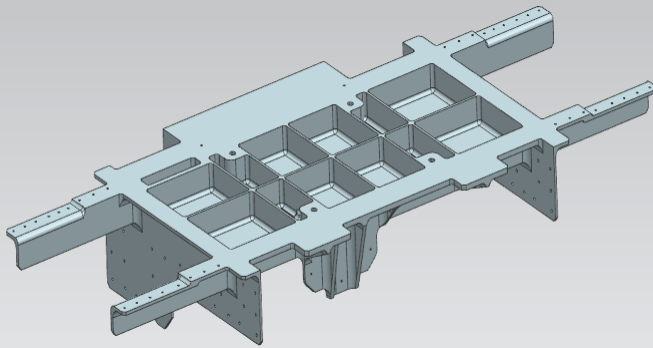
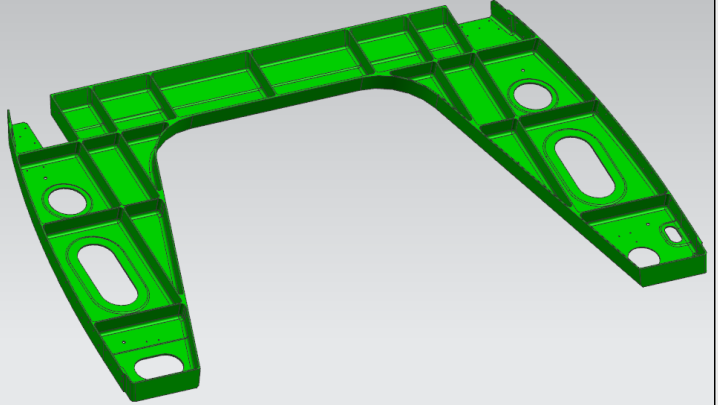


RAW MATERIAL : TI-ALLOY
RAW MATERIAL SIZE : 650 X 180 X 110mm
WT : 76Kgs
FINISH PART WEIGHT : 3.6kgs
POSITION TOLERANCE : 0.05mm
PROFILE TOLERANCE : 0.2mm

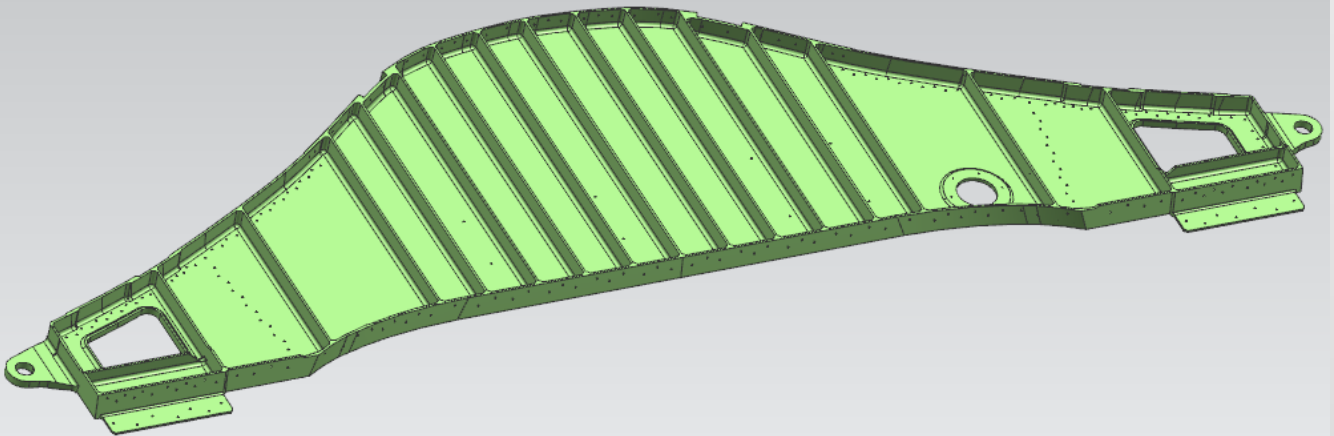


RAW MATERIAL : AL-ALLOY 7075-T6
 RAW MATERIAL SIZE : 950 X 500 X 45mm
 WT : 60Kgs
 FINISH PART WEIGHT : 2.5kgs
 POSITION TOLERANCE : 0.05mm
 PROFILE TOLERANCE : 0.2mm

RAW MATERIAL : AL-ALLOY 7075-T6
 RAW MATERIAL SIZE : 1070 X 500 X 45mm
 WT : 68Kgs
 FINISH PART WEIGHT : 2.7kgs
 POSITION TOLERANCE : 0.05mm
 PROFILE TOLERANCE : 0.2mm

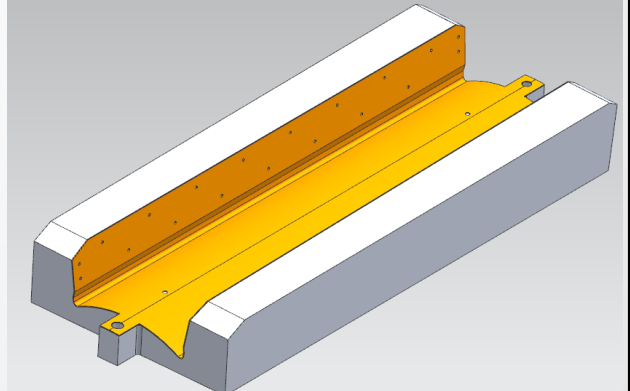
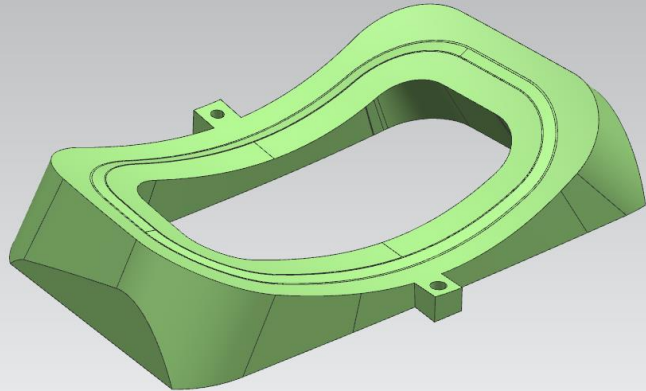
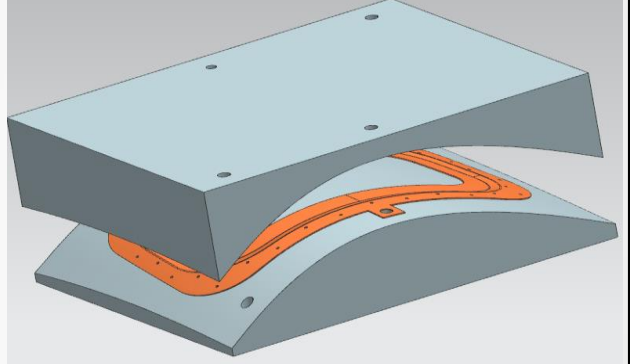
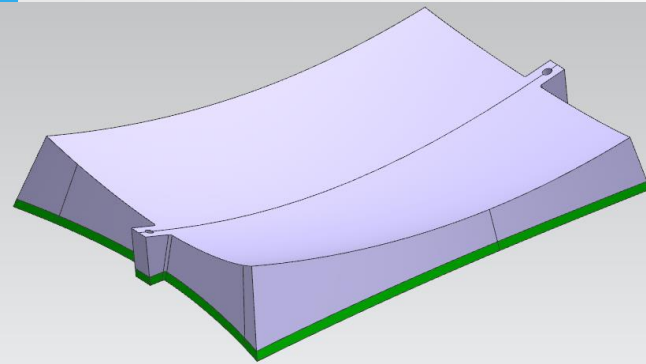
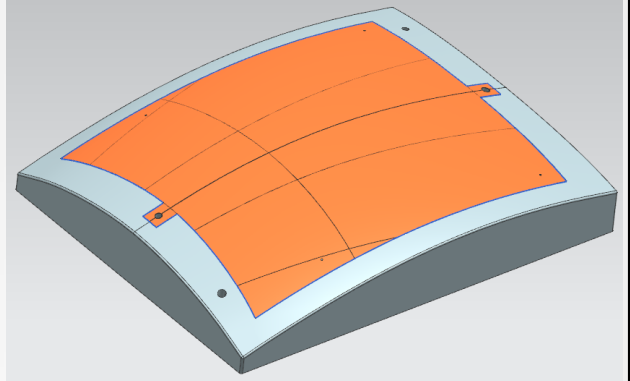
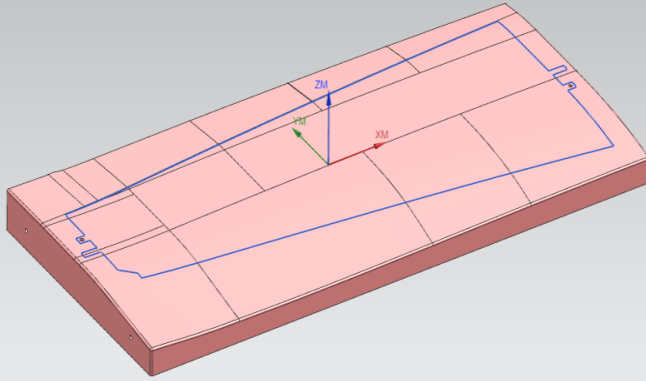


RAW MATERIAL : AL-ALLOY 7075-T6
 RAW MATERIAL SIZE : 900 X 400 X 130mm
 WT : 131Kgs
 FINISH PART WEIGHT : 3.95kgs
 POSITION TOLERANCE : 0.05mm
 PROFILE TOLERANCE : 0.2mm

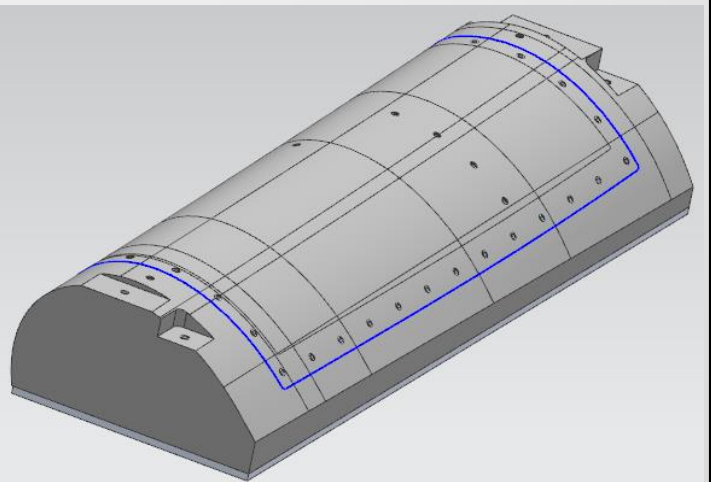
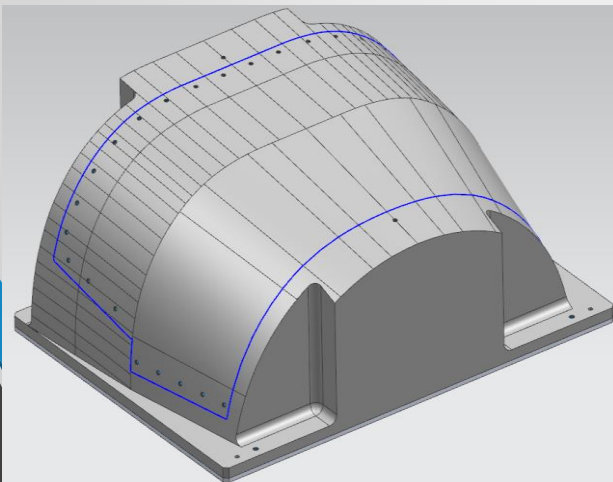


RAW MATERIAL : AL-ALLOY 7075-T6
 RAW MATERIAL SIZE : 2030 X 650 X 45mm
 WT : 220Kgs
 FINISH PART WEIGHT : 8.5kgs
 POSITION TOLERANCE : 0.05mm
 PROFILE TOLERANCE : 0.2mm

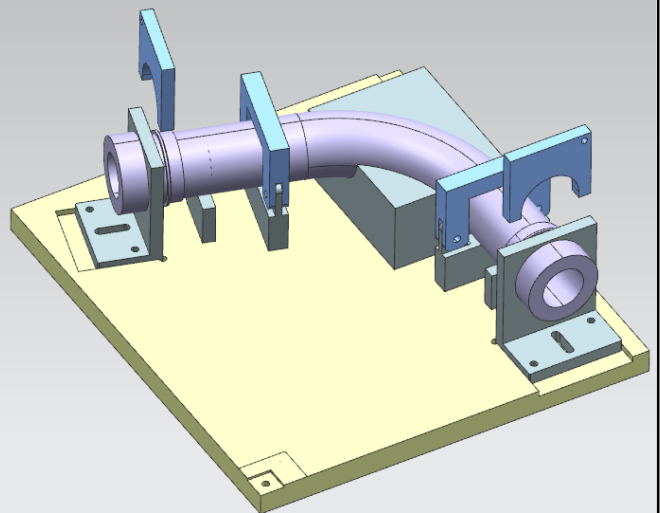
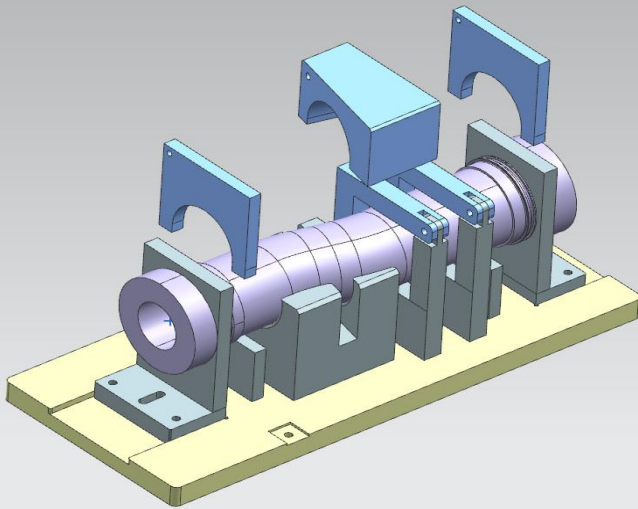
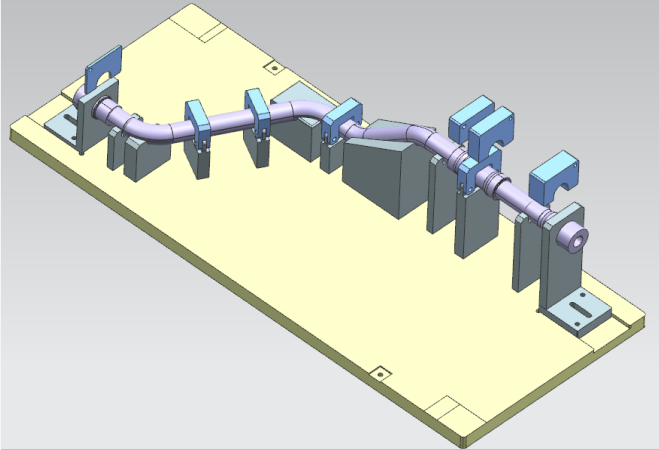
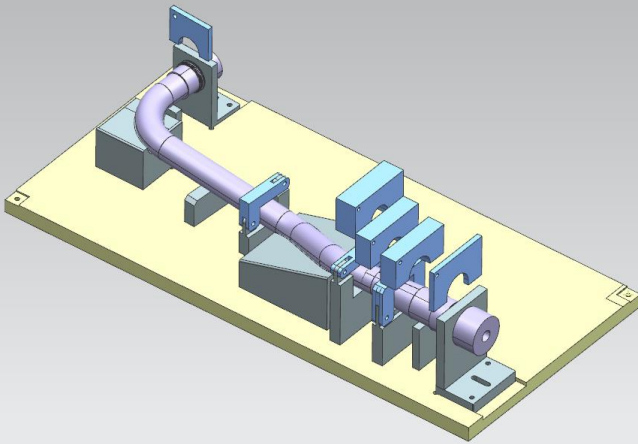
FORM TOOLS FOR SHEET METAL COMPONENTS :



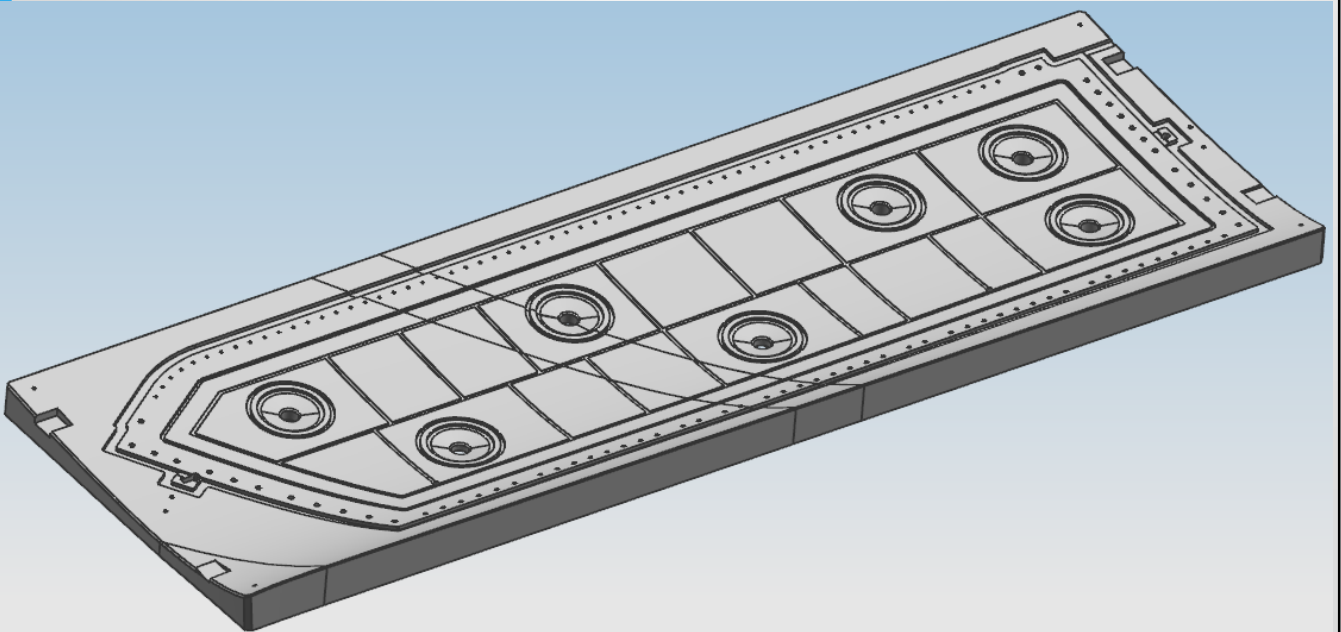
MASTER MOULDS USING JOBLOCK :



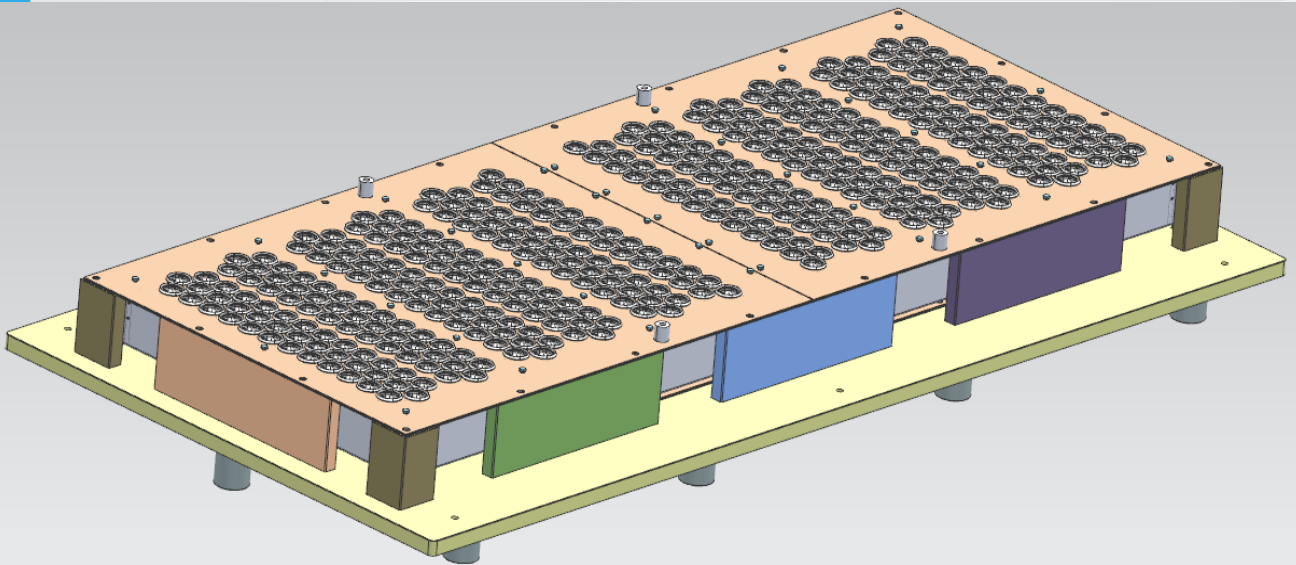
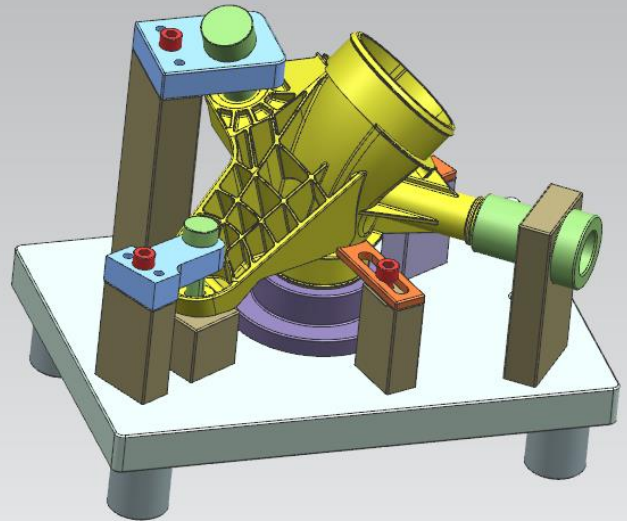
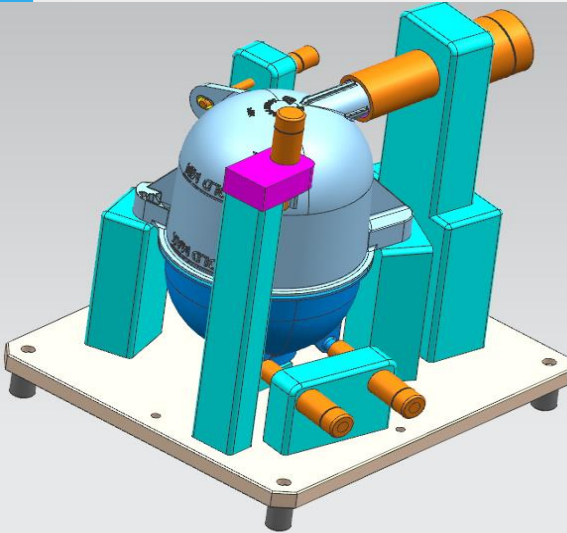
ASSEMBLY PIPE WELD JIGS :



VACCUM FIXTURES :



AIRFILTER CHECKING GAUGES / POSITION CHECKING GAUGES :



RAW MATERIAL : AL-ALLOY 6082-T6
FINAL FINISHED GAUGE SIZE : 2000 X 1000 X 205mm
WT : 127Kgs
POSITION TOLERANCE : 0.02mm
PROFILE TOLERANCE : 0.05mm

OUR MAJOR CUSTOMERS:

HINDUSTHAN AERONAUTICS LIMITED (HAL)- LCA TEJUS DIVISION
HINDUSTHAN AERONAUTICS LIMITED (HAL)- AEROSPACE DIVISION
INDO-MIM PRIVATE LIMITED
MANN & HAMMEL+ PRIVATE LIMITED

We have skilled staff and employees:

Designation	No of persons	Education qualification
OFFICE AND ACCOUNTS	1	B-COM
DESIGN AND DRAFTING	2	DIPLOMA, BE
CNC PROGRAMMERS	3	DIPLOMA
CNC OPERATORS	8	ITI, DIPLOMA
FITTERS	6	10 th , ITI
QUALITY	4	DIPLOMA, BE
HOUSE KEEPING	1	10 th Pass

CONTACT US:

ADDRESS:

#47, 5th cross, Thigalarapalya main road,
Balaji nagar, Peenya Industrial estate,
Peenya 2nd Stage, Bangalore-560058.

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PLEASE VISIT OUR FIRM