



**HYDERABAD
METAL CRAFTS PVT. LTD.**



HMCPL...
**...Highly Specialised
Production Machine Shop.**

www.hmcpl.in

Hyderabad Metal Crafts Private Limited is a highly specialised production machine shop manufacturing components for Precision Mechanical Components, Custom Assemblies & Sub Systems.

- ▀ We are focused in the manufacture of precision mechanical components, custom assemblies and sub systems
- ▀ Having established in 1981, we have been delivering quality products



Our Mission

HMCPL is committed to providing innovative solutions, product excellence, value & Customer Satisfaction.

Our Team

The company is managed by a team of professionals having 8-35 years of experience in managing design and manufacturing operations.

With such expertise and the facilities the company is confident of meeting customer demands in terms of quality solutions and component supplies.

The company is fully committed by increasing investments in infrastructure, facilities and man power. The company is committed to meet customer requirements.



Facilities

- We are just about 1.5km from Greenfield International airport at Shamshabad, Hyderabad, thereby capable of supporting export-oriented products.
- As space is not a constraint in this new plant we are capable of expanding our infrastructure to meet any customer demand.
- Our current infrastructure includes Vertical Machining Centers, CNC Lathes, Conventional Milling and Lathe machines, Heat treatment, Engraving, Drilling, Tapping, Lapping & Welding machines along with Quality control.
- We are capable of maintaining Surface Flatness and Parallelism upto 10microns over lengths of 600mm X 500mm and 5microns over lengths of 150mm X 150mm.



Facilities



Manufacture

We are capable of manufacturing

CNC machined components of sizes upto 1200mm X 600mm X 600mm

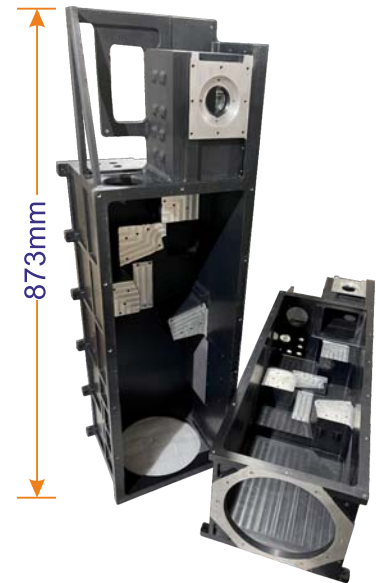
- ▀ Precision presses components
- ▀ Deep drawn components
- ▀ Heat treated ferrous and non-ferrous metal parts

We are Capable of Producing

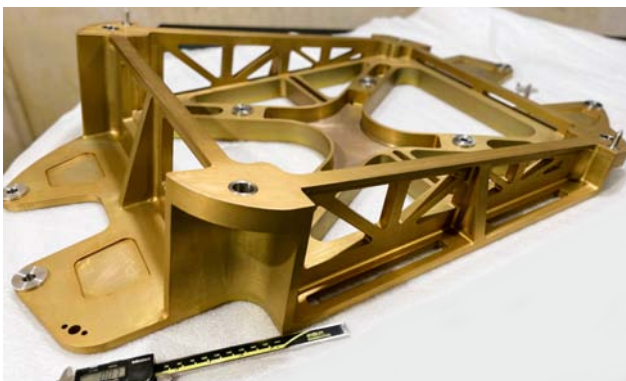
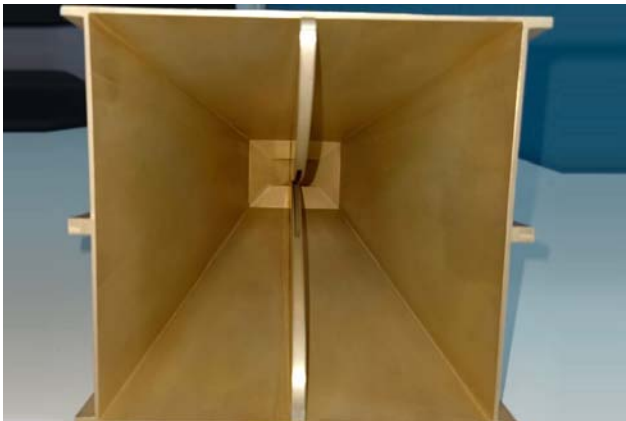
- ▀ Products that go to industries in industrial sectors on OEM basis for further assembly

We are Capable of Performing

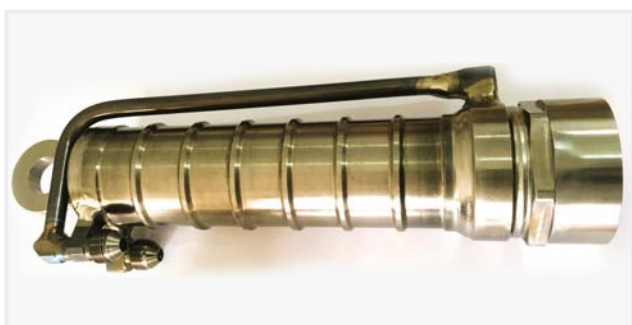
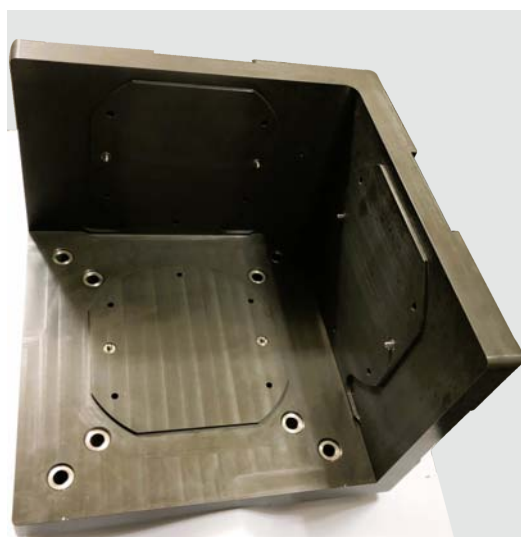
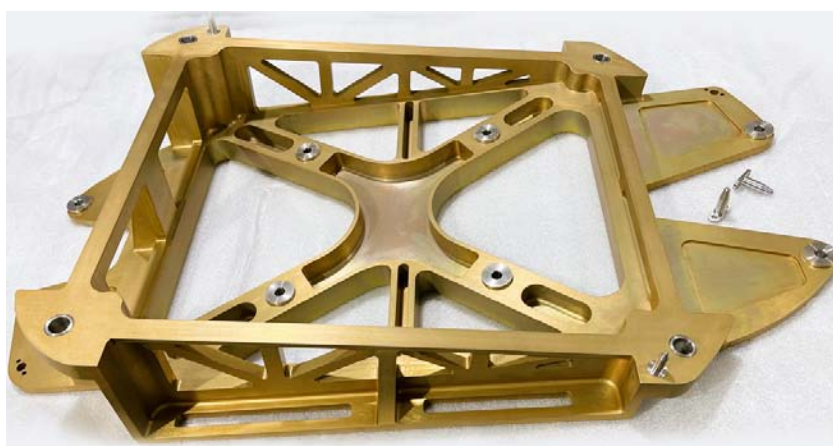
- ▀ Pressure (Hydraulic & Pneumatic) testing of components
- ▀ Uninterrupted operations as we have 82.5KW power back-up diesel generating systems



Manufacture



Manufacture



Quality

Quality drives everything at HMCPL. We are an ISO 9001:2015 certified Organisation from Intertek.



Our Quality team helps ensure that process control is maintained at all times. We can always tailor our system to customer requirements.

- We have complete documentation of our manufacturing processes
- We have quality checks and documentation at the end of every intermediate manufacturing process to ensure all our parts are in spec and in complete compliance with customer's requirements.
- Our process documents enhance our ability to optimize our manufacturing processes inherently arriving at providing competitive rates for our end customers.
- We maintain GD&T and Surface Finish specs given by our customer drawings
- We provide FAI (First Article Inspection) and Material Certification Documentation to our customers

Awards

We have been awarded Best Vendor for Hindustan Aeronautics Limited, Koraput Division for 2012 among 50 competitive vendors from Hyderabad.

This gives an insight about our quality and ability to meet production volume deliverables.



List of Machineries

CNC Milling Shop

Sl.No	Name of the Machine	Make/ Model	Table Size (mm)	Stroke X/Y/Z (mm)	Qty.
1	CNC Vertical Machining Centre with 5th Axis attachment	BFW/BMV60+ TC24	1250x600	1050/610/960	2
2	CNC Vertical Machining Centre with 4th Axis attachment	BFW/BMV60+ TC24	1250x600	1050/610/610	1
3	CNC Vertical Machining Centre with 4th Axis attachment	BFW/BMV51 TC24	1000x510	800/510/510	1
4	CNC Vertical Machining Centre with Vacuum bed attachment and 4th Axis attachment	BFW/BMV65 TC24	1500x650	1280/700/1150	1

CNC Lathe Shop

Sl.No	Name of the Machine	Make/ Model	Table Size (mm)	Stroke X/Y/Z (mm)	Qty.
1	CNC Lathe	LOKESH/TL200	Max. Turning Dia:240mm, Max. Swing Over Bed - 400mm	Turning Length: With Dia160mm, Chuck-300mm, Between Centers - 350mm	1
2	CNC Lathe	ACE/LT-2 XL 500	Max. Turning Dia:350mm, Max. Swing Over Bed - 500mm	Turning Length: With Dia 160mm, Chuck-500mm, Between Centers - 550mm	1
3	CNC Lathe	ACE/Vantage 800	Max. Turning Dia:580mm, Max. Swing Over Bed - 640mm	Turning Length: With Dia 250mm, Chuck-800mm, Between Centers - 1025mm	1
4	CNC Lathe	BFW/NEO 2050	Max. Turning Dia: 330mm, Max. Swing Over Bed - 500mm	Turning Length: With Dia 200mm, Chuck-450mm, Between Centers - 550mm	2
5	CNC Lathe	BFW/RHINO 2550	Max. Turning Dia: 360mm, Max. Swing Over Bed - 550mm	Turning Length: With Dia 200mm, Chuck-497mm, Between Centers - 600mm	2

CNC EDM Shop

Sl.No	Name of the Machine	Make/ Model	Table Size (mm)	Stroke X/Y/Z (mm)	Qty.
1	EDM Drill Machine	SPARKONIX / SPEED-II	550X350	350/250/300 (0.3MM-3MM DIA. HOLES, MAXIMUM DEPTH - 300MM)	1
2	EDM Spark Erosion Machine	SPARKONIX / S 50 ZNC	550X350	350/250/300 (Max. workpiece weight: 500 Kgs)	1
3	EDM Wirecut Machine	RUIJUN/ FR-400/S	550X680	350/400/250(Z)	1
4	CNC Marking Machine	Stamp IT/ SIA1210 Head+CF-02 Column		100/120	1

Press Shop

Sl.No	Name of the Machine	Make/ Model	Machine Specification	Qty.
1	Single action Hydraulic Press	Redson / 2002	125T	1
2	Hand Press	Union / 1985	6T	1
3	Hand Press	Sony	2T	1
4	Down Stroking Deep Drawing Hydraulic Press with Die cushion Model RSC/DC 160 X 60	Redson / 2022	160T	1

Heat Treatment Shop

Sl.No	Name of the Machine	Make/ Model	Machine Specification	Qty.
1	Coil type Forced Air Circulation Furnace with automatic controller and recorder	SIRI	Dia 600 x 1000mm	1
2	Furnace with automatic Controller	SIRI	Dia 500 x 900mm Deep	1
3	Coil type Furnace with automatic controller and recorder	SIRI	Dia 760 x 1000mm	1
4	Hardness Testing Machine	Fine	HR ABC	1
5	Electric 1 Ton Crane Hoist with trolley	Indef	24m/min	1

List of Machineries

Machine Shop

Sl.No	Name of the Machine	Make/ Model	Specification, Stroke X/Y/Z (mm)	Qty.
1	Vertical Milling Machine with DRO	BFW /1999	450/350/350	1
2	Centre Lathe with Taper Turning attachment	Kirloskar/Enterprise 1550	1000mm	1
3	Capstan Longbed Lathe	Kirloskar / MK-2D	600mm	1
4	Centre Lathe Turn Master 35	Kirloskar	800mm	1
5	Capstan Lathe	Gedee Weiler/MLZ-250V	250mm	1
6	Drilling Machine High Speed	Eifco	13mm	1
7	Drilling Machine	Eifco	13mm	1
8	Pillar Drilling & Tapping Machine	Eifco / P4	38mm	1
9	Drilling Machine	Eifco	10mm	1
10	Tapping Machine	SKI	5mm	1
11	Surface Grinding Machine	Avro	250 x 450mm	1
12	Bench Grinding Machine	GAMT	250 x 500mm	1
13	Bench Grinding Machine	MIDAS		1
14	Sand Blasting Machine with 15 HP Compressor	Mecshot / P-9182		1
15	Power Hexa Machine	UNION	250mmX250mm Sections	1
16	Power Shearing Machine	SPM	610x2mm (Mild Steel)	1
17	Vertical Band Saw Machine	MARU	W.M.W. 18"	1
18	Heavy duty Metal Cutting Horizontal Power Band Saw	Laxson / LK-2	Round 300mm Capacity, Square 250x250mm	1
19	Precision Parallel Lapping Machine	Paraflat/ ULM 10	Dia.250 Area Lapping	1

Welding Shop

Sl.No	Name of the Machine	Make/ Model	Machine Specification	Qty.
1	AC/DC Tig Welding Machine	Esab ORIGO TIG 3000I	AC/DC	1
2	TIG Torch	ESAB TXH 400	Water Cooled	1
3	SPM for Rotating Fusion Welding	Is Engineers	Max 200 Dia	1
4	Welding Machine	Adwani	450 KVA	1

Captive Power

Sl.No	Name of the Machine	Make/ Model	Machine Specification	Qty.
1	Diesel Generator Set	Kirloskar	82.5 KVA	1
2	Reciprocating Compressor	Elgi	15 HP	1
3	Screw Compressor	Elgi/ EN11-9.5	15 HP	1



(An ISO 9001:2015 Certified
Company)

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