



M. K. ENGINEERING CO.

 www.mkec.co.in



About Us

M.K.Engineering Company based in Mumbai, India. It is a family-owned business, Founded by F. D. Kothari & Co-Founded by Mr. Lalit Kothari in 1980 and since then we have organically grown till date. M.K. Engineering is an ISO 9001:2015 certified unit, specialized in custom component manufacturing as per customer drawing & specification:

- **Non-ferrous forgings with machining mainly from Brass / Copper / Aluminum**
- **Precision machined components from Alloy Steels / Stainless Steel / Titanium**

Our Factory is equipped with CNC Turning & Vertical Machining Centre for precision machining and to ensure drawing parameters on the actual component; We have a QC Department with sophisticated measuring instruments duly calibrated to assure the best quality products to our customers. We cater to various OEMs / Tier 1 vendor across multiple industries: Automobiles, Aerospace & Defense, Medical Equipment, Fire Safety, and Electrical & Electronics Industries. We are serving customers within Asia and the European continent.

Our Strengths



- 1 We are a family owned company.
- 2 Second Generation is managing the business professionally.
- 3 Our Commitment is to serve quality product and provide best service.
- 4 Competent Team of 16 people is dedicated to meet the customer satisfaction.
- 5 We have established strong and long-term relationships with customers.
- 6 The management and employees are trained, experienced and continually updated with changing business trends and practices.

Awards

Vision

Our vision is to be a supplier at warp speed of Precision components, sub-assemblies and assemblies.

Mission

In the march towards our vision we shall strive to have competent and motivated human resources, state of the art manufacturing and support resources.

Values

Integrity, Speed, Excellence, Passion and Teamwork.



Our Product

Aerospace & Defence

We cater to Aerospace & Defense through Niche Services and Confirming to Tight Requirements.

- **Products:** Custom Parts
- **Approval:** LPSC-ISRO, MSQAA & DRDL (BrahMos)
- **Material:** Aluminium, Alloy Steels, S.S., MDN, PHSteel, Titanium
- **Process:** Precision Machined Components



Automobile



We cater to Automobiles through Timely Delivery of Every Part and No Line Rejections for better productivity.

- **Products:** Elbows & Joints
- **Material:** Aluminium, Brass, Alloy Steels
- **Process:** Forged, Precision Machined & Tubular Formed Parts

Electrical & Electronics

We cater to Electrical & Electronics through our parts long lasting performance.

- **Products:** Different types of Contacts, Sensor Body, Injection Moulding Inserts, Bushes
- **Material:** Brass, Copper, Phosphor Bronze
- **Process:** Forged & Precision Machined Components



Our Product

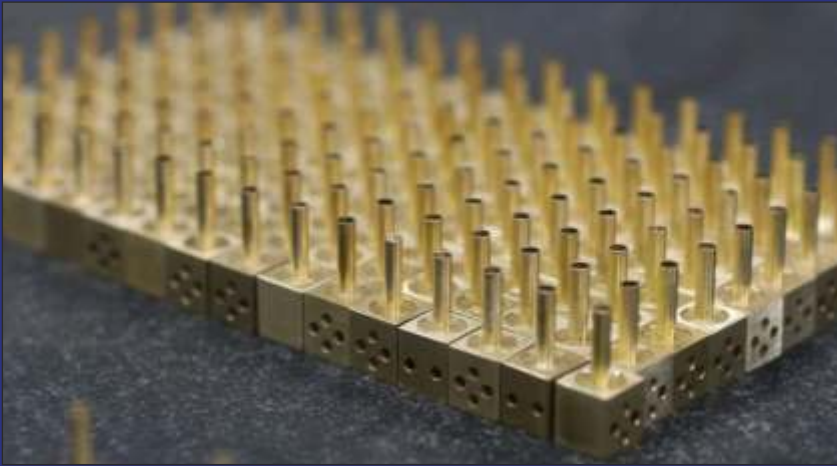
Fire Safety

We cater to Fire Protection & Safety through our know how of the products & culture of safety first.

- **Products:** Valves, Nozzles, Sprinklers & Fittings
- **Material:** Brass & S.S.
- **Process:** Forged & Precision Machined Components Precision



Medical Equipment



We cater to Medical equipment through our Niche Service & Sensitivity towards importance of Healthcare.

- **Products:** Ventilator Solenoid Valve Components, etc.
- **Material:** Brass, Titanium, S.S., Teflon
- **Process:** Precision Machined Components

Hardware & Lock Parts

We cater to Hardware & Locks through our high quality parts & sense for security of people.

- **Products:** Padlock Parts, Mortise Locks Parts, etc.
- **Material:** Brass & S.S.
- **Process:** Forged & Precision Machined Parts



Quality Policy

M. K. Engineering CO. is committed to manufacture and supply of high quality - forged & precision machined components from Brass, Copper, Aluminium, Alloy steel, SS, Titanium etc., as per customer drawing and specifications mainly for the OEMs of Aerospace and Defence, Automobiles, Electrical & Electronics etc.

Top management is committed to:






- Robust Process Planning, Quality Procedures & Quality Controls.
- All equipments are periodically maintained for optimum utilization of resources.
- MKEC has skilled & technical competent staff to achieve company's objectives / goal.
- MKEC meets the requirements for post deliveries activities associated with its parts / services.
- Satisfy customer requirements, applicable statutory and regulatory requirements and all other stakeholders requirements.
- Continual improvement of the QMS by ensuring the risks and opportunities that can affect conformity of products and the ability to enhance customer satisfaction are determined and addressed and the focus on enhancing customer satisfaction is maintained.
- Ensure that the QMS quality policy is compatible with the context and enables moving towards MKEC's strategic goal, which is "consolidation and growth".
- Providing a clear focus on priorities by establishing quality objectives well aligned to the quality policy. Quality objectives, are monitored /reviewed periodically.
- Establishing partnerships with suppliers and interested parties to establish highest quality standards.



List Of Machinery

SR NO.	MACHINE NAME	IMAGE	MACHINE SPECIFICATION	MAKE	QTY. IN NOS
1	Vertical Machining Centre with ATC, 4th Axis		Model VF 2	HAAS	2
			Table Size 900 x 400		
			Travel X-axis 760 MM		
			Y-axis 406 MM		
			Z-axis 508 MM		
2	CNC Turning Centre		Super Jobber 500 LM	Ace Micromatic	1
			Chuck Size - 200 MM		
			Max Turning length -450 MM		
			Max Turning Dia 280 MM		
			Smart Turn	LMW	2
			Chuck Size - 165 MM		
			Max Turning length - 250 MM		
			Max Turning Dia 250 MM		
			Star Turn	LMW	1
			Chuck Size - 135 MM		
			Max Turning length - 160 MM		
			Max Turning Dia 180 MM		
3	CNC Turn Mill Centre		Chuck Size - 135 MM	Neri	1
			Max Turning length - 150 MM		
			Max Turning Dia 180 MM		
			2 Arial Live Tool		
			1 Radial Live Tool		
4	Capstan Lathe		RDU 28	Gedee Weiler	3
			Bore Capacity 28 MM		
			Max Turning length - 100MM		
5	Drilling Machine		1/2" Drilling 1HP Motor	KMP	4
			High Precision 12000 RPM Max	Thakoor	1

List Of Machinery

SR NO.	MACHINE NAME	IMAGE	MACHINE SPECIFICATION	MAKE	QTY. IN NOS
6	Drill & Tap Machine		MultiSpindle	KTA	1
			Range-18 to 110 MM		
			Spindle 4 Nos		
			Drill Tap Capacity 6MM		
7	Centre lathe		Chuck Size 160 MM	Anil	1
			Max Turning length 400 MM		
			Max Dia Turning 135MM	Tos	1
			Chuck Size 400 MM		
			Max Turning length 1000MM		
			Max Dia Turning 250 MM		
8	Bandsaw Machine		Max Cutting size 200 MM	Krishna	1
9	Forging PRESS		Capacity - 100 Tons	Birson	2
			Screw Dia - 140 MM		
			Stroke - 200 to 450 MM		
			Power - 10 H.P/ 1440 RPM		
10	Power Press/ Punching		Capacity - 20 Tons	Birson	1
			Power - 2 H.P/ 1440 RPM		



List Of Instruments

NO.	INSTRUMENT	MAKE	RANGE	LEAST COUNT	QTY
1	Electronic Height Gange	Micro technika	0-625mm	0.005	1
2	Surface plate	Micro Flat Datum	800 X600 mm	0	1
3	Digital profile Projector	Innovative	DPP 1510	0.005	1
4	Dial - Vernier	Mitutoyo	0 - 150 mm	0.02	3
5	Dial - Vernier	Mitutoyo	0-200mm	0.02	1
6	Vernier Caliper	Ocean	0-300mm	0.02	1
7	Digital Vernier caliper	Baker	0 - 150 mm	0.02	1
8	External Micro Meter	Mitutoyo	0-25mm	0.01	2
9	External Digital Micro Meter	Mitutoyo	0-25mm	0.001	1
10	External Digital Micro Meter	Mitutoyo	25-50 mm	0.001	1
11	External Micro Meter	Mitutoyo	50-75mm	0.01	1
12	External Micro Meter	Mitutoyo	0 - 100 mm	0.01	1
13	External Micro Meter	Baker	100 - 125mm	0.01	1
14	External Micro Meter	Baker	125- 150 mm	0.01	1
15	External Micro Meter	Ocean	150-300 mm	0.01	1
16	Depth-MicroMeter	Mitutoyo	0-25mm	0.01	1
17	I.D.Caliper	Insize	10-30 mm	0.01	1
18	Bore Gauge	Mitutoyo	18-35mm	0.002	1
19	Bore Gauge	Mitutoyo	35-60 mm	0.002	1
20	Bore Gauge	Mitutoyo	50 - 150 mm	0.002	1
21	Plunger Dial	Mitutoyo	0 - 10 mm	0.01	2
22	Lever - Dial	Mitutoyo	0-0.8mm	0.01	2
23	PIN - Gauge Set	Micro Gauge	0.5- 14 mm (0.05 step)	0.005	1
24	Radius - Gauge	KriSteel	R1.0 - R15mm		1
25	Thread - Gauge	Baker	Metric - British		1



M. K. ENGINEERING CO.

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