RADHAMADHAV INC.

We ARE SPECIALIZED IN MANUFACTURING OF CUSTOMIZED PRECISION COMPONENTS FOR **MEDICAL INDUSTRY**

Our mission

To provide the medical device industry with precision components that enhance the functionality and reliability of their products, thereby improving patient care and outcomes..

Our vision

To be the leading provider of customized precision components for medical devices, recognized for our excellence in manufacturing and our contribution to advancing healthcare technology.

Core Values

Quality	Innovation	Collaboration	Integrity

RADHAMADHAV INC.

What We Do...

- We provide precision machining solution with integration of metal forming, forging, casting, MIM, plastic injection moulding, aluminium pressure die casting, laser welding .

- We deal with materials like Steel, Brass, Copper, Aluminium, Inconel, Monel, Stainless Steel 304, 316, 410, 420j, 440, 17-4ph, 15-4ph, Magnesium, Titanium ,plastics

- The company has a rich experience in the field and is a believer in delivering value to its customers.

At RADHAMADHAV INC, we specialize in:

•**Aerospace Components:** Delivering precision parts for the demanding aerospace industry.
•**High-Precision Molds & Inserts:** Producing intricate molds and inserts for various manufacturing processes.
•**General Engineering Components:** Providing a wide range of high-quality components for diverse engineering needs.

Driven by constant innovation and an unwavering commitment to quality, we leverage a skilled workforce of designers and supervisors.

Our state-of-the-art manufacturing capabilities include:
- ✓ CNC Milling
- ✓ CNC Turning
- ✓ CNC Wire EDM
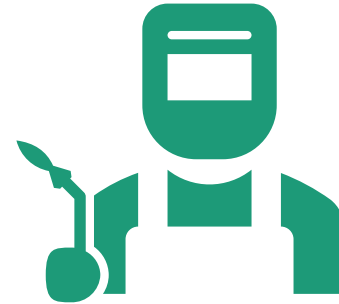- ✓ EDM Sinking
- ✓ EDM Micro Drill

Outsource Capabilities

- Forging : Closed die100gr weight to 45 kg weight

- Forging rings : 40 mm diameter to 1000 mm diameter

- Investment casting: 50 grams to 210 kg weight

- MIM: 2 grams to 100 grams

- Injection moulding: 5 grams to 1.5 kg and 1400 ton machine capability

- Aluminium pressure die casting : Up to 2 kg of component and 250 ton machine capability

- Surface treatment : Heat treatment, induction hardening , vacuumed heat treatment , powder coating, hard anodizing.

Our Strength

No. Of Skilled Employees –

47 Employees

No. Of Un-Skilled Employees –

08 Employees

1. VMC MACHINE:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	VMC MACHINE	VMC-01	JYOTI K2X8	600 X 700 X 400	2010	3	±0.003 MICRON
2	VMC MACHINE	VMC-02	JYOTI 430	X-400 Y-9300 Z-400	2014	3	±0.005 MICRON
3	VMC MACHINE	VMC-03	BROTHER S700X1	X-700 Y-400 Z-300	2014	4	±0.005 MICRON
4	VMC MACHINE	VMC-04	JYOTI 640	X-600 Y-400 Z-400	2017	3	±0.010 MICRON
5	VMC MACHINE	VMC-05	JYOTI RDX20		2023	3	±0.005 MICRON

2. CNC MACHINE. :

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	CNC MACHINE	CNC-TU-01	JYOTI DX-200	ø 350 X 400	2010	2	±0.100 MICRON
2	CNC MACHINE	CNC-TU-03	JYOTI DX 200 4A	ø 350 X 400	2012	2	±0.020 MICRON
3	VTL MACHINE	VTL-01	ACE VTL 30/700	450 X 700	2014	2	±0.020 MICRON

3. Spark Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	SPARK MACHINE	EDM-02	SPARKONIX -INDIA MOS25A	350 X 550 X 250	2003-04	1	-
2	CNC SPARK MACHINE	CNC EDM-01	MAKINO EDA F2	350 X 550 X 250	2018	4	±0.005 MICRON
3	CNC SPARK MACHINE	CNC EDM-02	MITSUBISHI EA 12SM-FP80S	450 X 300 X 300	2019	4	±0.005 MICRON
4	CNC SPARK MACHINE	CNC EDM-03	MITSUBISHI SG-12	450 X 300 X 300	2023	4	±0.005 MICRON

4. Wire-Cut Electro Discharge Machine. (CNC Wire-Cut EDM):

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	WIRE-CUT MACHINE	W/C-03	CONCORD CNC-E3(MCJ)	400 X 500 X 450	2009	2	±0.020 MICRON
2	WIRE-CUT MACHINE	W/C-04	REPL EZEE CUT PLUS	320 X 400 X 480	2010	2	±0.020 MICRON
3	CHMER BRAND EDM DRILL	EDR - 01	CM H30A	0 3 MM	2012	1	±0.100 MICRON
4	WIRE-CUT MACHINE	FR-01	FANUC ROBOCUT	300 X 400 X 250	2019	4	±0.005 MICRON
5	WIRE-CUT MACHINE	W/C-02	VERSA CUT(CONCORD)	200 X 250 X 350	2015	2	±0.015 MICRON

5.Drilling Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	DRILLING MACHINE	DR-01	SIDDHAPURA-	ø 25 MM (LENGTH AS PER DRILL TOOL SIZE)	1998	1	-
2	DRILLING MACHINE	DR-02	HMP	ø 10 MM (LENGTH AS PER DRILL TOOL SIZE)	1998	1	-

6. Lathe Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
I	LATHE MACHINE	LM-02	DILIP RJT-B	2 Ft.	1983	2	±0.100 MICRON

7. Threading Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	THREADING MACHINE	TP-01	TAPAX	8 MM	2007	1	-
2	THREADING MACHINE	TP-02	TAPAX	8 MM	2007	1	-

8. Surface Grinding Machine:

SR. NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	SURFACE GRINDING MACHINE	SG-01	PINNACLE FASGM7530	750 X 300	2021	3	±0.001 MICRON

9. Laser Welding Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	LASER WELDING MACHINE	LW-01	-	-	-	-	-
2	LASER WELDING MACHINE	LW-02	-	-	-	-	-

10. Laser Marking Machine:

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	LASER MARKING MACHINE	LM-01	SPARKLE LASER MARKING	600 MM HEIGHT	2023	1	-

11. Ultra Sonic Cleaner :

SR NO.	MACHINERY DESCRIPTION	CODE NO.	MAKE / MODEL	CAPACITY / SIZE	YEAR OF MFG.	NO OF AXIS	ACCURACY
1	ULTRA SONIC CLEANER	USC-01	IMECO Ultrasonic Type: UP 250T	6 X 10 X 8	1988	-	-

Measuring equipment :

SR. NO.	EQUIPMENT DESCRIPTION	CODE NO.	MAKE	RANGE	LEAST COUNT	PRMI. ERROR	REQ. (YES/NO)	CALIBRATION	AGENCY IN-HOUSE/ OUTSIDE
								FREQUENCY	
m001	VERNIER CALIPER (DIGITAL)	1612131101	INSIZE	0-200MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m002	OUT.MICROMETER (DIGITAL)	35178539	MITUTOYO	150-300MM	0.001MM	0.002MM	YES	YEAR	Phoenix
m003	OUT.MICROMETER	SWCM-3	HOTECHE	150-175MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m004	MICROMETER	7005099	MAHR	50-75MM	0.01MM	0.02MM	YES	2 YEAR	Phoenix
m005	VERNIER CALIPER (DIGITAL)	4091211706	INSIZE	0-150MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m005	HIGHT GAUGE (DIGITAL)	3G001502	TESA	0 TO 600MM	0.0001MM	0.0002MM	YES	YEAR	OUTSIDE
m006	DEPTH GAUGE	1141-200A	INSIZE	200MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m007	DIAL STAND								Phoenix
m008	OUT.MICROMETER (DIGITAL)	45005905	MITUTOYO	0-150MM	0.001MM	0.002MM	YES	YEAR	Phoenix
m009	PLUNGER DIAL	1202364	MAHR	(+)(-)0-050MM	0.001MM	0.002MM	YES	YEAR	Phoenix
m010	BORE GAUGE	1353	BAKER	18 TO 50MM	0.01MM	0.02MM	YES	2 YEAR	Phoenix

Measuring equipment :

SR. NO.	EQUIPMENT DESCRIPTION	CODE NO.	MAKE	RANGE	LEAST COUNT	CALIBRATION			
						PRMI. ERROR	REQ. (YES/NO)	FREQUENCY	AGENCY IN-HOUSE/ OUTSIDE
m011	BORE GAUGE	1352	BAKER	50TO 150MM	0.01MM	0.02MM	YES	2 YEAR	OUTSIDE
m012	VERNIER CALIPER (DIGITAL)	606152146	INSIZE	0-150MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m013	PLUNGER DIAL	T6155	BAKER	0-2MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m014	PLUNGER DIAL	Q1245	BAKER	0-1MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m015	VERNIER CALIPER (DIAL)	swcv-1	MADE IN CHINA	0-300MM	0.02MM	0.02MM	YES	YEAR	OUTSIDE
m016	VERNIER CALIPER (DIAL)	F53222	MADE IN CHINA	0-600MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m017	VERNIER CALIPER (DIGITAL)	1108-200	INSIZE	0-200MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m018	BORE GAUGE	2852-18	INSIZE	0.5MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m019	PLUNGER DIAL	BA 02464	INSIZE	10MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m020	VERNIER CALIPER (DIGITAL)	606152178	INSIZE	0-150MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m021	DIAL STAND								Phoenix

Measuring equipment :

SR. NO.	EQUIPMENT DESCRIPTION	CODE NO.	MAKE	RANGE	LEAST COUNT	CALIBRATION			
						PRMI. ERROR	REQ. (YES/NO)	FREQUENCY	AGENCY IN-HOUSE/ OUTSIDE
m022	IN.MICROMETER	SWCIM-1	MADE IN CHINA	5-30MM	0.01MM	0.02MM	YES	2 YEAR	Phoenix
m023	IN.MICROMETER	SWCIM-2	MADE IN CHINA	25-50MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m024	MICROMETER	SWCM-1	MADE IN CHINA	25-50MM	0.01MM	0.02MM	YES	2 YEAR	Phoenix
m025	MICROMETER	SWCM-2	MADE IN CHINA	0-25MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m026	DEPTH MICROMETER	SWCDM-1 45176886	MADE IN CHINA	0-25MM	0.01MM	0.02MM	YES	2 YEAR	Phoenix
m027	PIN GAUGE	SWCPG-1	MADE IN CHINA	0.9 TO 5.1MM	N/A	N/A	YES	2 YEAR	OUTSIDE
m028	PIN GAUGE	SWCPG-2	MADE IN CHINA	3.6 TO 7.4MM	N/A	N/A	YES	2 YEAR	OUTSIDE
m029	PIN GAUGE	SWCPG-3	MADE IN CHINA	5.9 TO 10.1MM	N/A	N/A	YES	2 YEAR	OUTSIDE
m030	PIN GAUGE	SWCPG-4	MADE IN CHINA	10.9 TO 12.1MM	N/A	N/A	YES	2 YEAR	OUTSIDE
m031	PAPPY DIAL	P1118	BAKER	8MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m032	SLIP GAUGE	80570	MADE IN CHINA	1.005 TO 100MM	N/A	N/A	YES	2 YEAR	Phoenix

Measuring equipment :

SR. NO.	EQUIPMENT DESCRIPTION	CODE NO.	MAKE	RANGE	LEAST COUNT	PRMI. ERROR	REQ. (YES/NO)	CALIBRATION FREQUENCY	AGENCY IN-HOUSE/OUTSIDE
m033	DIAL STAND								Phoenix
m034	PAPPY DIAL	5805109	JEWELEDE	0-1MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m035	OUT.MICROMETER (DIGITAL)	293240	MITUTOYO	0-25MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m036	BORE GAUGE	2322-35A	INSIZE	18/35	0.01MM	0.02MM	YES	YEAR	Phoenix
m037	PLUNGER DIAL	J05416	REACOCK	5MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m038	PAPPY DIAL	8815843	INSIZE	1MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m039	PLUNGER DIAL	7805227	INSIZE	10MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m040	DIAL STAND								Phoenix
m041	VERNIER CALIPER (DIGITAL)	2608142131	INSIZE	0-150MM	0.01MM	0.02MM	YES	YEAR	Phoenix
m042	PAPPY DIAL	LT-3028	BAKER	8MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m043	PLUNGER DIAL	BDB-191	BAKER	25MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE

Measuring equipment :

SR. NO.	EQUIPMENT DESCRIPTION	CODE NO.	MAKE	RANGE	LEAST COUNT	PRMI. ERROR	REQ. (YES/NO)	CALIBRATION	
								FREQUENCY	AGENCY IN-HOUSE/OUTSIDE
m044	PLUNGER DIAL	8214469	INSIZE	10MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m045	BORE GAUGE	2322 160A	INSIZE	10MM	0.01MM	0.02MM	YES	YEAR	OUTSIDE
m046	VERNIER CALIPER (DIGITAL)	1112-150	INSIZE	0-150MM	0.01		YES	YEAR	Phoenix
m047	VERNIER CALIPER (DIGITAL)	1112-150	INSIZE	0-150MM	0.01		YES	YEAR	Phoenix
m048	VERNIER CALIPER (DIGITAL)	1112-150	INSIZE	0-150MM	0.01		YES	YEAR	Phoenix
m049	CMM		ZIESS	X=700 x Y=1000 x Z=600 MM	0.003 MICRON		YES	YEAR	

➢ **Quality Assurance**

"At Radhamadhav INC, quality is paramount.

- ➢ **Uncompromising Quality Control:** Our dedicated test and inspection facility ensures adherence to the highest industry standards.
- ➢ **Customer-Centric Approach:** We have implemented a robust quality system to guarantee that every component precisely meets your specifications.
- ➢ **Comprehensive Quality Assurance:** Our system meticulously monitors product quality throughout the entire manufacturing process. This includes critical checks at each stage, ensuring complete traceability, batch control, and detailed inspection records."

➢ EDM Department:

EDM Department:

➤ Wire-cut EDM :

➤ CNC Turning Department:

➢ CNC Turning Department :
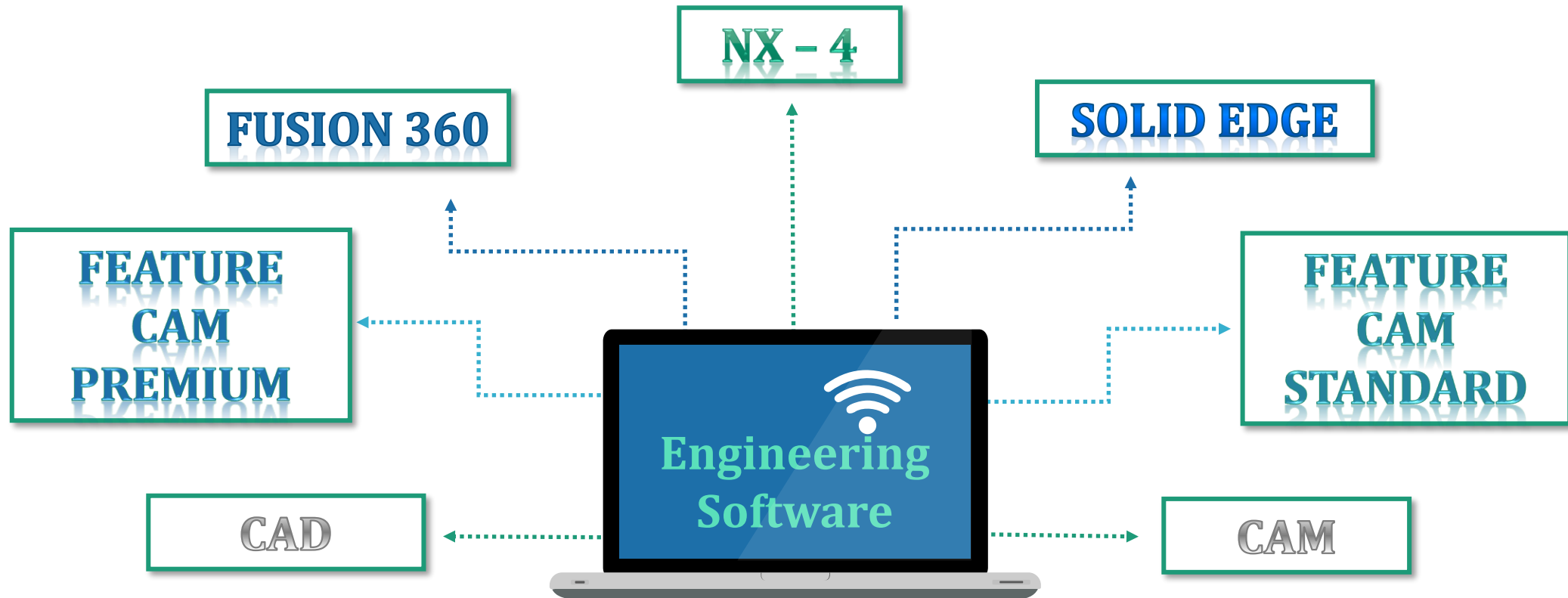
➤ CNC Milling Department:

➢ CNC Milling Department :

QC Department:

➤ **Design Department…**

➤ ENGINEERING SOFTWARE USED…

RADHAMADHAV INC.

NX – 4

FUSION 360

SOLID EDGE

FEATURE CAM PREMIUM

Engineering Software

FEATURE CAM STANDARD

CAD

CAM

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