

# *Sree Engineering Enterprises Welcomes You*



*Striving Towards Excellence*

*We Produce Quality  
By maintaining Productivity.*





***We aim at complete Customer Satisfaction  
By having  
plant flexibility, responsiveness & commitment***

## Background

Sree Engineering Enterprises is a Special class Engineering Projects & Manufacturing company established in 1992, leading amongst other specialist discipline companies that comprises of Sree Engineering Group of companies.

The company's position has evolved over the past few years with an increasing number of projects and an upward growing turnover.

Sree Engineering Enterprises has built a solid reputation for market excellence, drawing on a rich history and a strong heritage of quality, stability and innovative leadership in the marketplace.



# Sree Engg. Group Companies



➡ **Sree Engineering Enterprises.**

➡ **Kamala Precision Engg. Pvt. Ltd.**

➡ **Sree Mahadev  
industries, Viajaywada.**

## Vision

### SREE ENGINEERING ENTERPRISES

Our standards to be leaders in the business and are capable of handling any type of Challenges.

### KAMALA PRECISION ENGINEERING PVT. LTD.

To grow up as a standard manufacturing company in Aerospace, Defence and Automotive sector providing top-notch products to clients through incessant improvement driven by the Integrity and team work of our people.

To become a performance leader , we will achieve operational excellence and Industry leading customer satisfaction.



## Mission

### SREE ENGINEERING ENTERPRISES

■ We strive to be recognized as performance pioneer by executing/supplying extremely reliable Projects, Products and connected services for its customers.

### KAMALA PRECISION ENGINEERING PVT. LTD.

■ To Engineer, Manufacture and Supply Aerospace, Defence , Auto and Industrial segments in a protected, reliable, efficient and ecologically sound manner. We strive to be recognized as performance pioneer by supplying extremely reliable products and connected services.

■ Consistent growth



## Corporate Philosophy

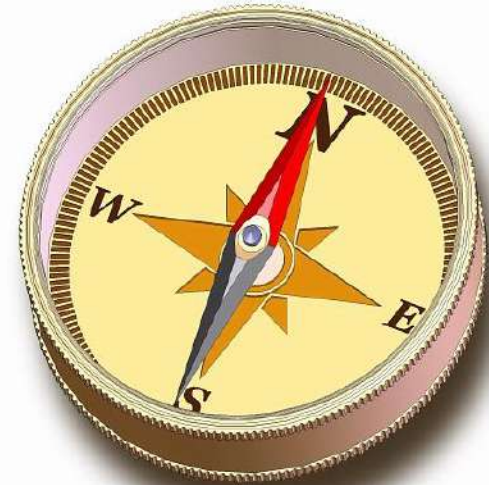
- We believe that, Honesty and integrity shall be instilled in every job.
- We believe in working hard for our clients to ensure the best price and best quality of the work.
- We believe and collaborate with the teams to bring your projects to be completed in time, with in the budget and required quality of workmanship.
- We believe our employees are our best asset, Our nature their well being development and empowerment. In turn, they demonstrate co-operation, best work practices and commitment towards excellent performance.





# Board of Directors

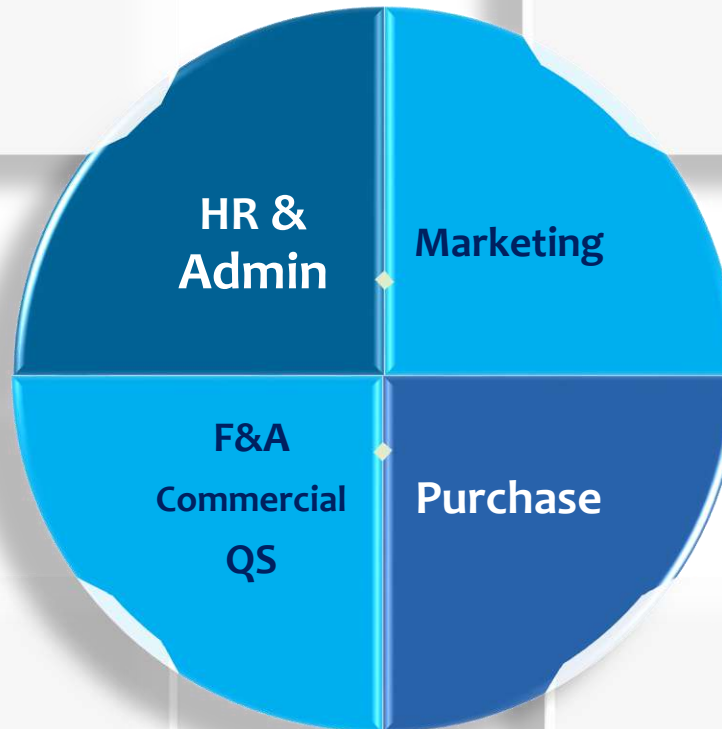
- **Vasireddy. Venugopal** , Proprietor  
B.E (Mech)



# Human Resource Strength

- Design & Engineering

- Project Management



- Quality Assurance

- Safety

## SREE Engg. Entps.

*Engineering Design , Detailing  
& Product Development*

*Bulk Material Handling systems*

*Light, Medium and  
Heavy Engineering*

*Process Equipment Fabrication  
& Erection*

*Machinery Manufacturing &  
Commissioning*

*Steel , Mineral & Cement Plants*

## Kamala Precision Engg. Pvt. Ltd.

*Aerospace Parts and  
Assemblies*

*Spares for Fighter Aircrafts and  
Helicopters*

*Defence Parts and Assemblies*

*All Types of Mining Tools*

*Precision Parts for Machines &  
Equipments*

*Precision components for  
Aeronautical, Defence, Mining  
Tools Etc.*

## Sree Mahadev Industries

*Engineering, Product  
Development*

*Spares for Defence, Mining  
Tool Industries*

*Projects Management Services*

*Technology transfer and  
Indigenization*



# Engg. Projects - Mfg, Erection & Commissioning

- Bucket Elevator Parts - Head Drum, Tail Drum, Buckets, Tail Drum Bearing Housings Etc.
- Drag Chain Parts :Head Drum, Tail Drum, Links, Pins Etc,
- Screw Conveyors : Complete Screw Conveyor
- Rotary Air Locks : Complete Rotary Air Locks up to 2000mm diameter
- Belt Conveyors : Complete Belt Conveyors
- Crushers : Design, Manufacture and Supply of Hammer Crushers & Roll Crushers
- Cable Conveyors : Cars, Hanger Assemblies and all other critical spares
- Vertical Mill Spares : FLS, LOUSCHE Etc.
- Pneumatic Gravity Conveyor
- All types (Electrical, Pneumatic & Manual operated) Gates, Diverters
- Auto samplers
- Metallic Expansion Joints
- Taper Locks for Pulleys
- Ring Feeders
- Rotary dryers
- Apraon feeders
- Spare for screw pumps
- Spiral chutes
- Gears up to 3.5 mt. dia
- Chain Conveyors
- Sealing air fans ,Air slide blowers

# *Plant & Machinery*

# Factory



# CNC Milling

S NO	SECTION	MAKE	MACHINE NAME	NO OF AXIS	QTY.	CAPACITY	Accuracy Achievable
1	CNC MILLING	BFW	AGNI BMV 45	3 -AXIS	1	600 x 450 x 400	20 MICRONS
				–			
2			CHAKRA BMV 60	3 -AXIS	1	1000 X 550 X 600	20 MICRONS
				4- AXIS			
3		MAKINO	FNC 60	3 -AXIS	1	600 X 450 X 400	20 MICRONS
				4- AXIS			
4			FNC 74	3 -AXIS	1	750 X 450 X 450	20 MICRONS
				4- AXIS			
5		AMS	MCV 450	3 -AXIS	1	600 x 450 x 400	20 MICRONS
				4- AXIS			
6		JYOTHI	VMC 1050	3 -AXIS	1	1050 X 550 X 500	20 MICRONS
				4- AXIS			
7		HYUNDAI	OKUMA HMC	3 -AXIS	1	500 X 500 X 500	20 MICRONS
				4- AXIS			
8		AMS	MCV 650	3 -AXIS	2	1000 X 600 X 550	20 MICRONS
				4- AXIS			



# Machinery & Equipments – CNC Milling





# Machinery & Equipments – CNC Milling



# Machinery & Equipments – CNC Milling

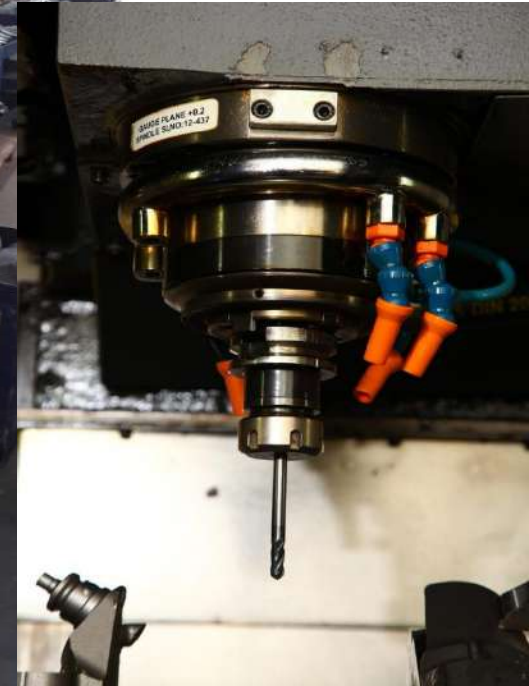




# Machinery & Equipments – CNC Milling



# Machinery & Equipments – CNC Milling



# CNC Turning



**SREE ENGINEERING  
ENTERPRISES**

S NO	SECTION	MAKE	MACHINE NAME	NO OF AXIS	QTY.	CAPACITY	Accuracy Achievable
1	CNC TURNING	ACE DEGSINERS	JOBBER	3 AXIS	1	DIA 150 X 250 LG	20 MICRONS
2		OKUMA	HL-20		1	DIA 250 X 500LG	20 MICRONS
3		ACE DEGSINERS	LT-20		1	DIA 250 X 500LG	20 MICRONS
4		MAZAK	E2 FLAT BED		1	DIA 250 X 900 LG	20 MICRONS
5			VANTAGE -800		1	DIA 350 X 800 LG	20 MICRONS
6		ACE DEGSINERS	LT-30(O)		1	DIA 350 X 1500 LG	20 MICRONS
7			LT-30(N)		1		



# Machinery & Equipments – CNC Turning



# Machinery & Equipments – CNC Turning





# Machinery & Equipments – CNC Turning





# Machinery & Equipments – CNC Turning



# Conventional Machines

S NO	SECTION	MAKE	MACHINE NAME	NO OF AXIS	QTY.	CAPACITY	Accuracy Achievable
1	CONVENTIONAL MILLING	FN-3 /Universal	HMT	MANUAL	1	1000 X 300 X 250	150 MICRONS
2		Universal Milling machine	ALCERA		1	600 X 300 X 200	150 MICRONS
3		Horizontal - E2H	HMT		3	600 X 300 X 200	150 MICRONS
4	CONVENTIONAL TURNING	Conv. Lathe	Kirloskar	MANUAL	1	DIA 200 X 750 LG	150 MICRONS
5		Conv. Lathe	HMTLB20		1	DIA 200 X 1500 LG	150 MICRONS
6		CAPSTUN LATHE	HERBERT INDIA & KIRLOSKAR		1	DIA 200X 190 LG	400 MICRONS
7	CYLINDRICAL GRINDING	Cylindrical grinding machine	MICROMATIC	SEMI-AUTO	1	DIA 160 X 300LG	3 MICRONS
8	SURFACE GRINDING	Surface grinding machine	JONES SHIPMAN	MANUAL	1	200 X 200 X 500	10 MICRONS
9	CENTERS GRINDING	Centers grinding machine	XYLO	MANUAL	1	-	N.A
10	CENTER LESS GRINDING	Centerless grinding machine	JYOTHI	MANUAL	1	DIA 60 MAX	10 MICRONS
11	DRILLING	Pillar type Drilling machines	MEW	MANUAL	4	1 1/2"	N.A
12	HEATING FURNACES	Furnace	Local made	AUTOMATED	1	500 °C	—
13		Furnace	Local made	AUTOMATED	1	150 °C	—



# Machinery & Equipments – Conventional M/cs



# Measuring Instruments

S.No	Description	MAKE	RANGE	LC
1	Electronic 2D height master	TRIMOS	0-600	0.001
2	Optical profile projector	OPTICAOM /VL 360		0.001
3	Digimatic Height gauge	Inside	0 to 300	0.01
4	Inside Micrometer	KS	5 to 30	0.01
5	Lenier Height gauge	Sylvac	0 to 600	0.01
6	vernier caliper	Mitutoyo	0 to 300	0.02
7	vernier caliper	Mitutoyo	0 to 600	0.02
8	Outside Micrometer	Mitutoyo	50 to 75	0.01
9	Outside Micrometer	Mitutoyo	0 to 25	0.01
10	Depth Vernier	Aditya	0 to 300	0.02
11	Inside Micrometer	KS	5 to 30	0.01
12	Dial indicator	yamayo	0 to 10	0.01
13	Dial indicator	Mitutoyo	0 to 10	0.01
14	Combination set	Mitutoyo	0° to 180°	
15	Dial caliper	Mitutoyo	0 to 150	0.02
16	3 point micrometer	Mitutoyo	40 to 50	
17	Depth micrometer	Mitutoyo	0 to 150	
18	3 point micrometer	Mitutoyo	16 to 20	
19	Dial indicator	baker	0--10	0.01
20	Outside Micrometer	Mitutoyo	0-25	0.01
21	Outside Micrometer	Mitutoyo	0-25	0.01
22	Outside Micrometer	Mitutoyo	0-150	0.01
23	bore gauge	Mitutoyo	10 to 18	
24	bore gauge	Mitutoyo	18 to 35	
25	bore gauge	yamayo	35 to 60	



# Measuring Instruments

S.No	Description	MAKE	RANGE	LC
26	Inside Micrometer	KS	25 to 50	
27	Outside Micrometer	Mitutoyo	25 to 50	
28	Outside Micrometer	Mitutoyo	0 to 150	
29	bore gauge	Mitutoyo	50 to 150	
30	3 point micrometer	Mitutoyo	45 to 50	
31	3 point micrometer	Mitutoyo	20 to 25	
32	3 point micrometer	Mitutoyo	10 to 12	
33	3 point micrometer	fine crafts	80 to 90	
34	3 point micrometer	fine crafts	100 to 125	
35	3 point micrometer	fine crafts	90 to 100	
36	Digital Micrometer	Mitutoyo	0 to 25	
37	Outside Micrometer	Mitutoyo	25 to 50	
38	Ball micrometer	Mitutoyo	0 to 25	
39	pitch micrometer	Mitutoyo	0 to 25	
40	bore gauge	Mitutoyo	18 to 34	
41	bore gauge	yamayo	50 to 150	
42	digimtic caliper	Mitutoyo	0 to 200	0.01
43	Dial indicator	baker	0 to 10	0.01
44	Dial caliper	Mitutoyo	0-150	
45	Outside Micrometer	Mitutoyo	0-25	
46	vernier caliper	Mitutoyo	0-150	
47	vernier caliper	Mitutoyo	0-150	
48	Surface plate	GMT	1000x1000	
49	Surface plate	JAFUJI	630X630	
50	Surface plate	JAFUJI	1000x1000	
51	Gauge blocks	1 set (83 nos)		
52	Dial indicator	China	0-10	0.01
53	Dial indicator	Mitutoyo	0-10	0.01
54	Surface finish standard	Robert & Co	1set	
55	Magnetic V block	JAFUJI	150x100	
56	Magnetic V block	JAFUJI	100x70	
57	Radius gauge set	JAPAN	0.5 to 7.5	1 set



# QA Lab & Instruments



# QA Lab & Instruments



# ***Engineering Equipment & Machinery***



# Fabrication Machines & Tools

MACHINE	CAPACITY	QTY
Electric Power (Connected Load)	140 HP	
Backup Generator - Cummins Make	125 KVA	1
Air compressor - Atlas Capco & ELGI	0.5 & 0.2 Cu. M & 10 Bar	2
Hydraulic press	50 tons	1 No
Hydraulic jack	50 tons	1 No
Plate Rolling Machine – 28mm x 2800mm wide	3.00THK X 400 WD	1 NO
Radial Drilling Machine – Dia. 100mm	UPTO DAI 38 MM	1 NO
Magnetic Drilling Machine – Dia. 32mm	UPTO DIA 31 MM	1 NO
Broach Drilling Machine – Dia. 78mm	UPTO DIA 20 MM	1 NO
Gas Cutting Machine		2 NOS
Pug Cutting Machine	UPTO 100 MM THICK	1 NO
MIG Welding Machine	MIG 400 A	2 NO
MIG + ARC Welding Machine	MIG 400 I	1 NO
ARC Welding Machine		1 NO
AG-7 Grinding Machine	6 "	2 NOS
AG-5 Grinding Machine	6 "	1 NO
Straight Grinding Machine	4"	1 NO
Bench Grinding Machine	6"	1 NO
Buffing Machine	4"	1 NO
Air Compressor for Painting	10.50KG/CM	1 NOS
EOT Crane	15 TONS	1 No
Hydra Crane	14 MT	1 No
Electric Power	140 HP	

## Codes & Standards used for Design, Manufacturing & Inspection

**ASME Sec. VIII Div. 1**

**API 650/620**

**PD 5500**

**IS 803**

**IS 10987**

**TEMA**

**IS 14416**

**BIS Standards**

**BS Standards**

**IS 2825**

**IS 11592**

**API Standards**

**IRC Standards**

**MORTH Standards**

**ASTM Standards**

**CBIP Standards**

# Materials Used

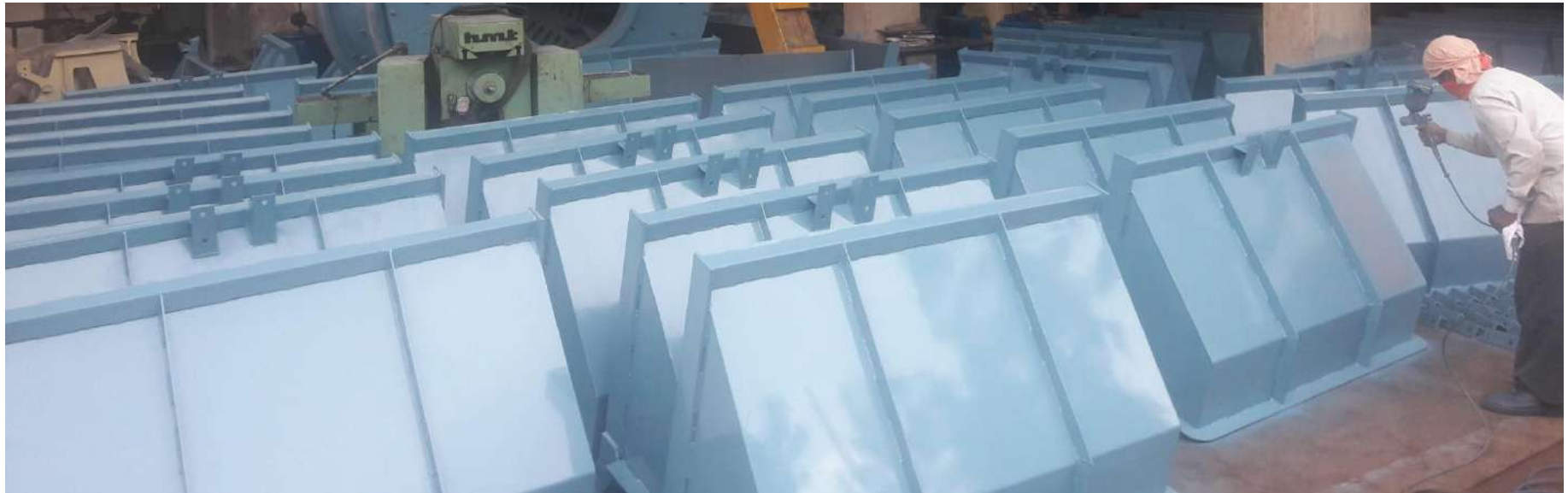
Structural steel plate	: IS2062, SA36
Carbon steel plate	: IS2002, SA516
Alloy Steel Plate	: SA387, SA 204
Stainless steel plate	: SA240 Typ.304/304L, SA240 Typ.316/316L/316Ti, SA240 Typ.317/317L, SA240 Typ.310S, SA240 Typ.321, SA240 Typ.410S, Duplex steels etc.
Pipes	: SA106, IS1239, IS 3589, SA312, SA249, SA213, SA 335
Pipe Fittings	: SA 234, SA 403
Forgings	: SA105, SA350LF2, SA 182
Castings	: IS 210, IS 276, IS 1030, IS 2644, IS 2707, En31, En19
Copper, Aluminum, Nickel, Inconel, Monel etc	

# Engg. Equipment & Machinery





# Engg. Equipment & Machinery

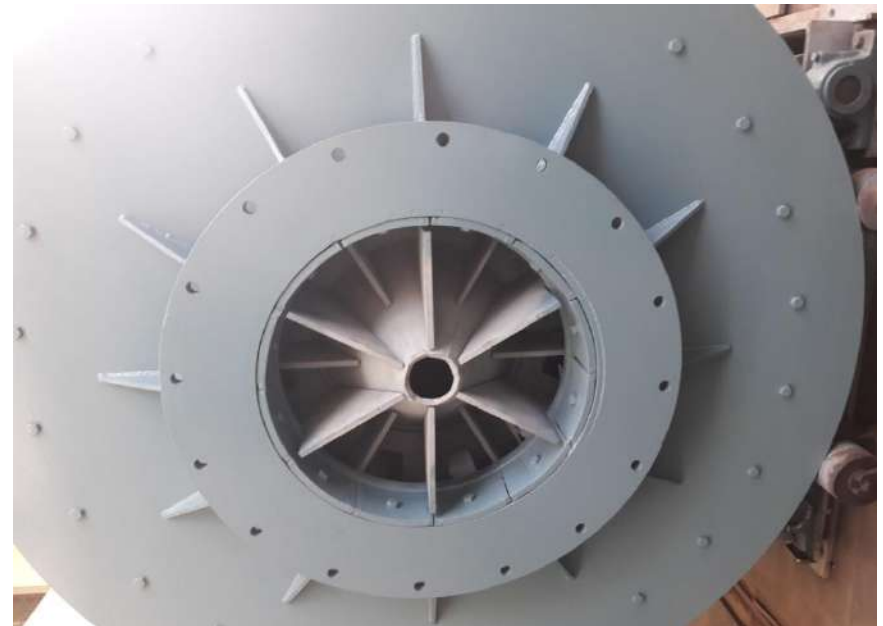


# Engg. Equipment & Machinery





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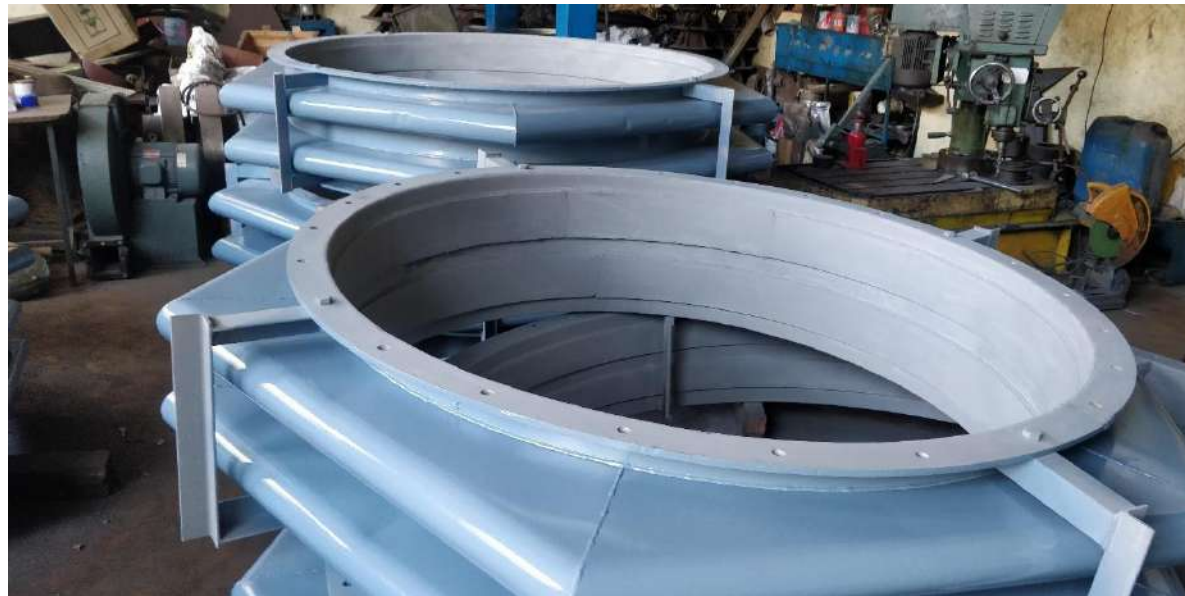




# Engg. Equipment & Machinery



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# Engg. Equipment & Machinery



# EQUIPMENT REFURBISHMENT



2000 dia RAL



750 dia RAL

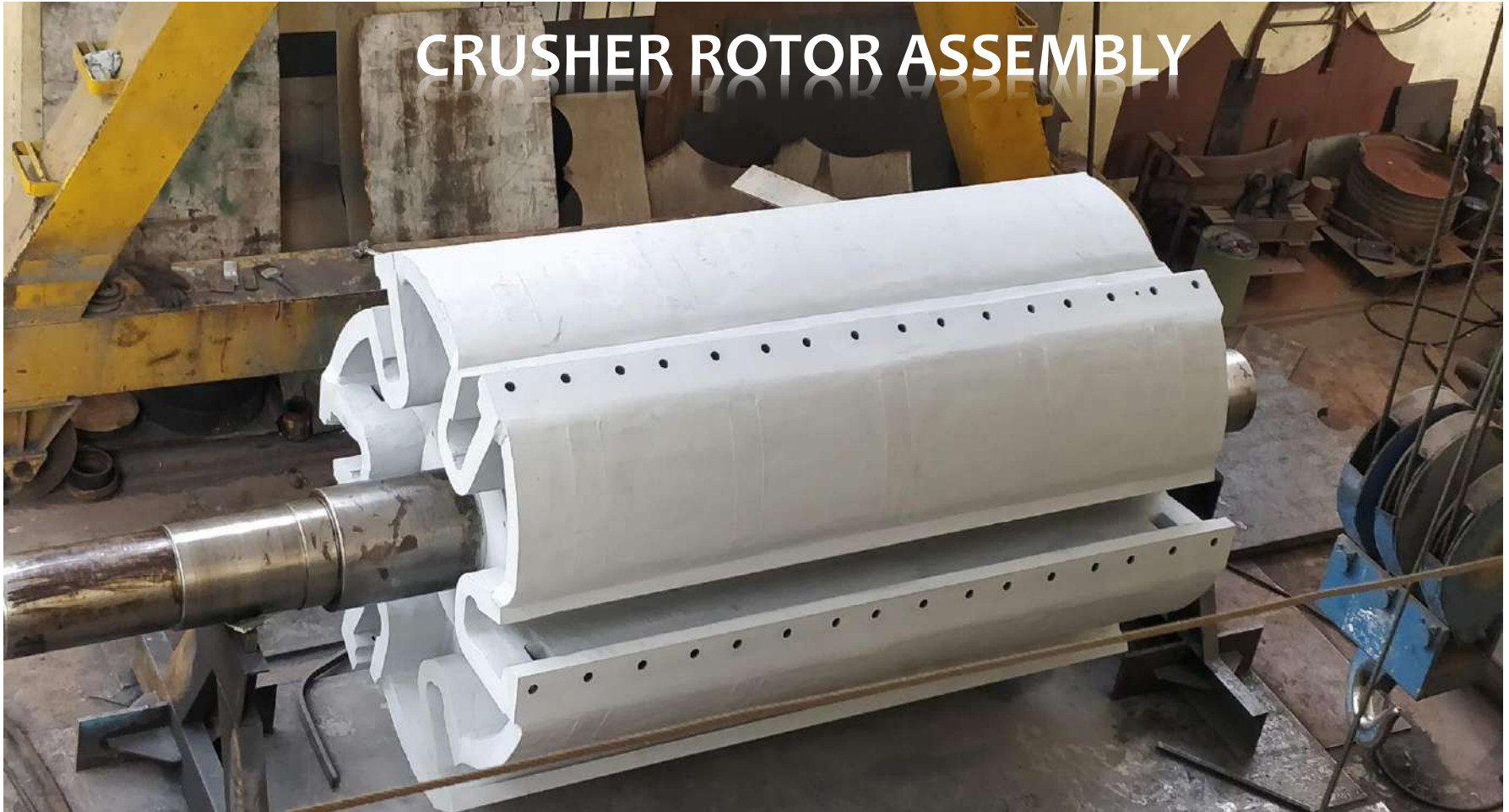


White metal Lining

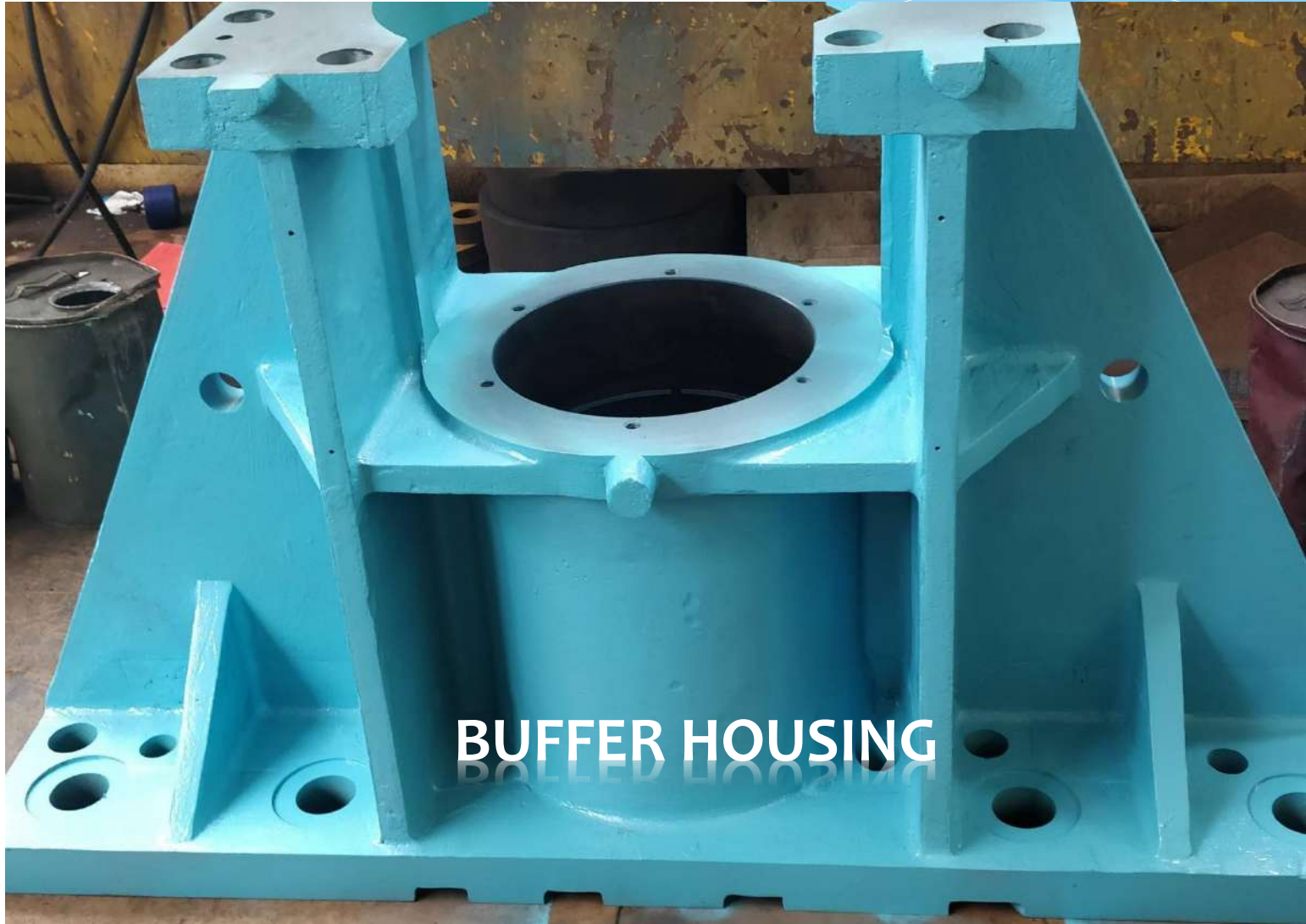


# REVERSE ENGINEERING & MANUFACTURING

## CRUSHER ROTOR ASSEMBLY



# REVERSE ENGINEERING & MANUFACTURING

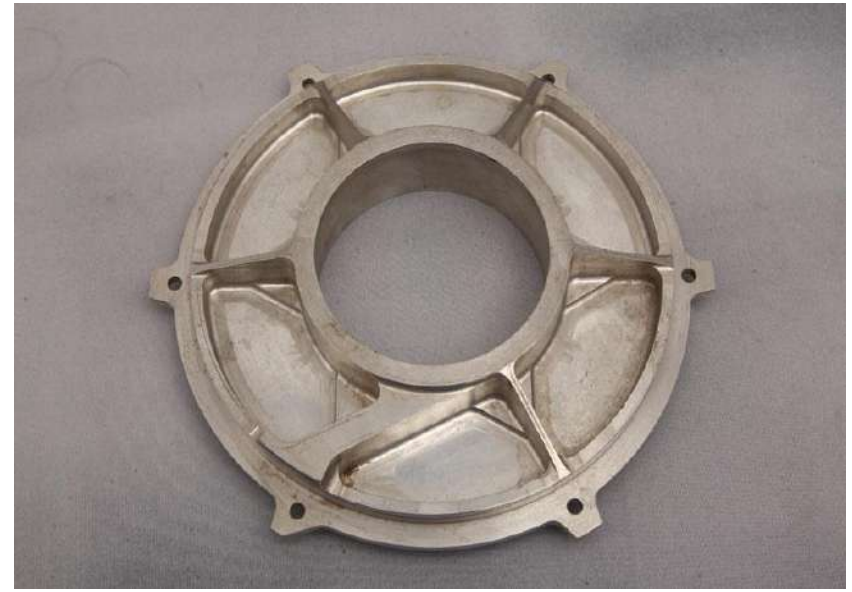
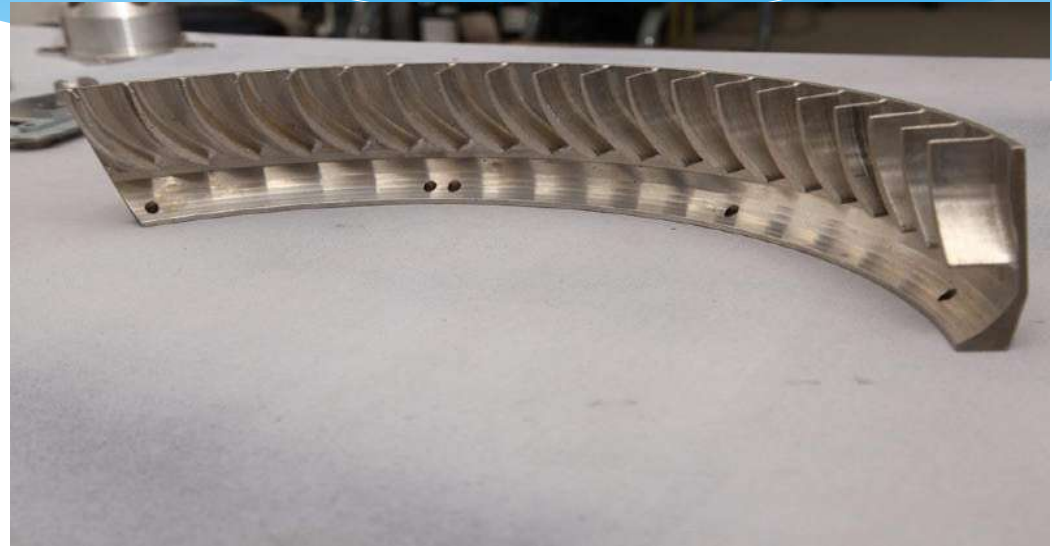


**BUFFER HOUSING**



# ***Aero Space & HAL***

# Products – Aerospace & HAL



# Products – Aerospace & HAL





# Products – Aerospace HAL





*Defence*

# Products – Defence



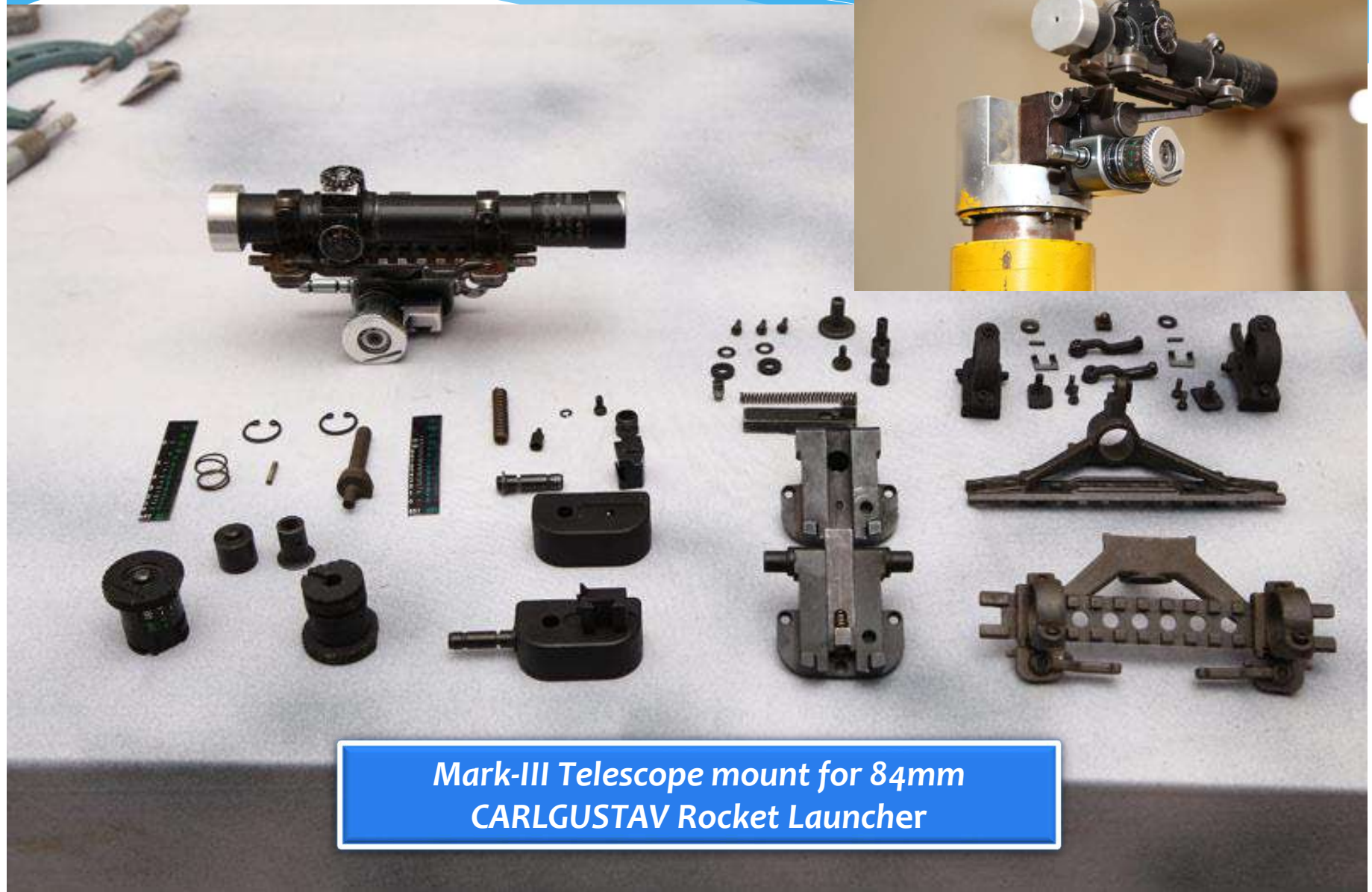
**Body for Quadrant Fire Control**



**Component for Quadrant Fire Control**



# Products – Defence & Others



## Products – Defence & Others

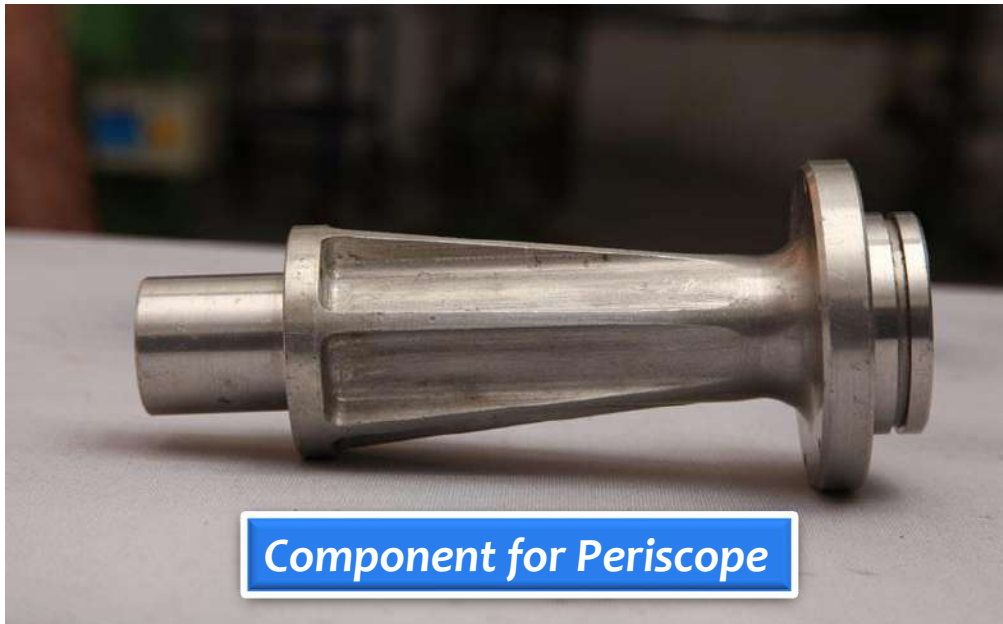


## Portable filling Unit Assembly for Battle Tank





# Products – Defence & Others

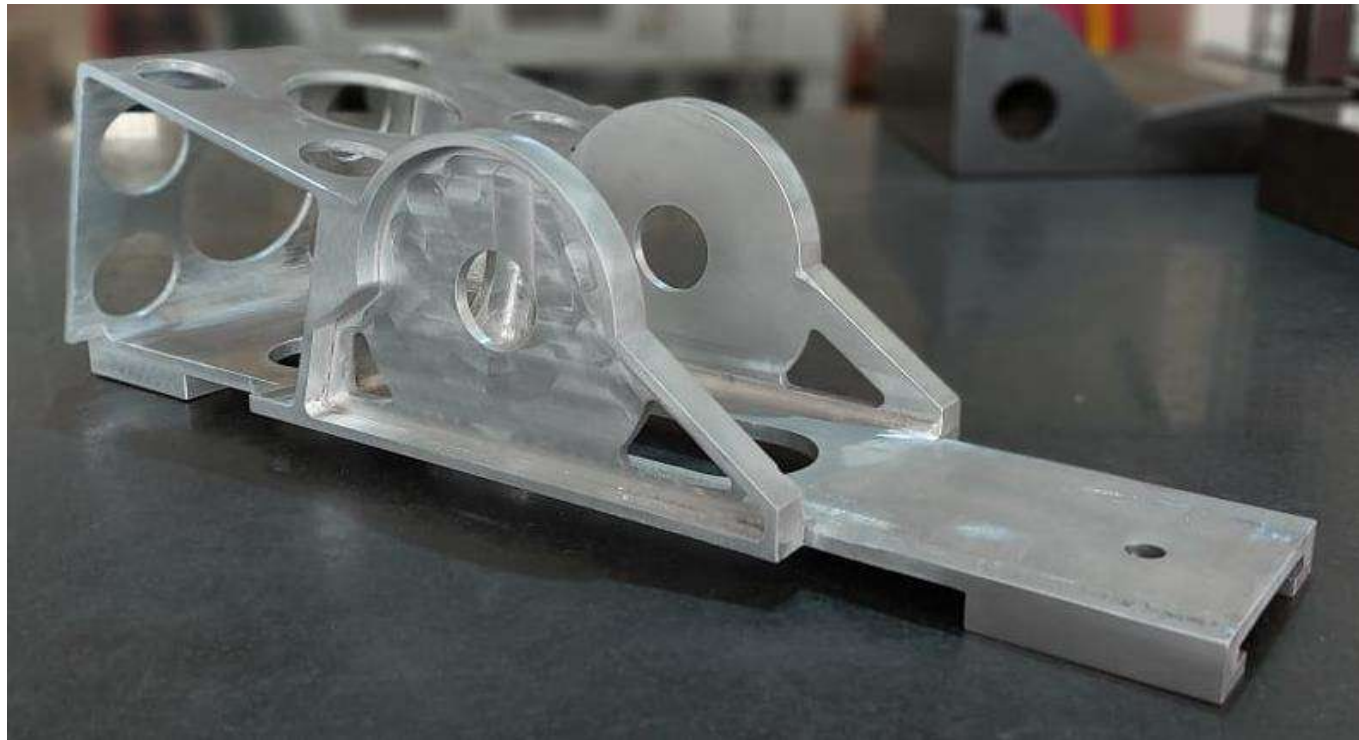


Component for Periscope





# Products –Defence & Others



# *Mining Tools & Parts*

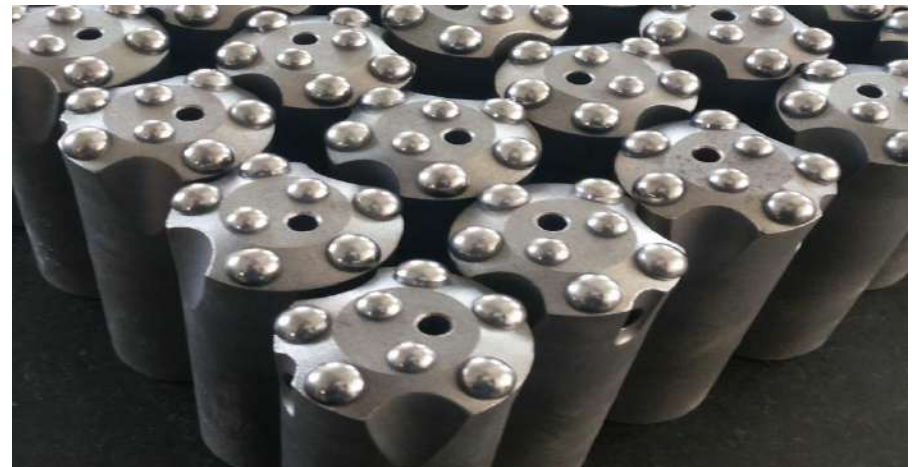
# Mining Tools & Parts





# Mining Tools & Parts





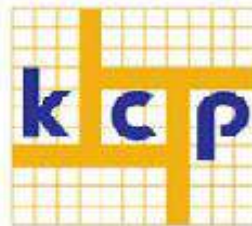


# Mining Tools & Parts





# Our esteemed Clients



***Thank You***