

ROYAL

www.royalengitech.com

ROYAL ENGITECH PVT. LTD.

Certified Manufacturer & Exporter of
**Precision Components
and Assemblies**



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About Us

ROYAL ENGITECH PVT. LTD. was incorporated in the Year 1965 and is located at Ahmedabad, Gujarat, India. ROYAL ENGITECH is An ISO 9001:2015 company established to Manufacture and Export of High – Tech Precision Engineered Components and Assemblies for Textiles Machinery Industries, Power Transmission Industries, Water Pump Industries, Valve Industries, Automobile Industries, Pharmaceutical Industries & etc. We have almost 50 Years of Experience in Manufacturing of Precision Engineered Components and Assemblies. Our Continuous and Steady Investments in Latest Computerized Technology and Machineries Gives us an Edge in the Global Market. We are committed to provide our Customers Precision Quality Products and Services from Inquiry to Dispatch with all Necessary Identification, Packaging, Certification and after Sales Service that have Great Execution as per International Norms of Quality. Our manufacturing set up and organization support can achieve most of the requirements of Precision CNC machine Components and Assemblies of the customers, including development of castings, forgings, high precision machined components as well as tooling and fixtures for the same.

ROYAL ENGITECH PVT. LTD. values Quality Measurement in Precision Engineering, Investing in Latest Computerized Measuring Instruments and Machineries Proves our Focus for World Class Quality Management System. Our team makes all efforts to monitor each and every manufacturing process to maintain high accuracy in various Precision Components right from Raw Material Procurement to Final Dispatch. All components are manufactures with premium quality raw materials so that better tensile strength and durability of Precision machined Components is achieved.

CAPABILITIES

- Multi-axis CNC Vertical Machines
- CNC Turning Machines
- Manual and CNC gear cutting machines
- Induction Furnace
- Latest Measuring Equipments
- SE 430 – Solid Edge CAD with Solid Edge CAM (NX-CAM) Pro SE 430 – Solid Edge CAD with Solid Edge CAM (NX-CAM) Pro

WE EXPORT



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Work Shop



Sr. No.	Machine Type	Make	Model	Axis Travel (X/Y/Z)	Qty.	Remarks
1	V M C	HASS (USA)	VF-3	1016 X 508 X 635 mm	2	WITH 4th AXIS
2	V M C	HASS (USA)	TM-1P	762 X 305 X 406 mm	1	
3	V M C	FANUC	ROBODRILL ALPHAT10B	500 X 380 X 300 mm	1	
4	V M C	FANUC	ROBODRILL ALPHA T14EE	500 X 400 X 330 mm	2	
5	V M C	BFW	XTRON-1366	1300 X 600 X 600 mm	1	
6	V M C	BFW	XTRON-1366	1300 X 600 X 600 mm	1	WITH 4th AXIS
7	V M C	BFW	AGNI-45++	800 X 450 X 500 mm	1	WITH 4th AXIS
8	V M C	BFW	VAYU+ V/5	800 X 510 X 510 mm	1	WITH 4th AXIS
9	V M C	BFW	CHAKRA+ V/6	1050 X 610 X 610 mm	1	

Sr. No.	Machine Type	Make	Model	Max Length x Dia.	Qty.	Remarks
1	CNC TURNING	ACE	SUPER JOBBER	500 x 320 mm	1	
2	CNC TURNING	ACE	JOBBER-XL	400 X 320 mm	1	
3	CNC TURNING	JYOTI	DX-200	500 x 320 mm	1	

Sr. No.	Machine Type	Make	Model	Max Dia. X Module	Qty.	Remarks
1	CNC HOBBING	EIFCO	HM-6	Ø 320 mm x 4 Module	1	
2	HOBBING	CUGIR	ROMANIA	Ø 320 mm x 6 Module	3	
3	SHAPPER	TOS	FO-6	Ø 320 mm x 6 Module	1	
4	SHAPPER	CUGIR	ROMANIA	Ø 320 mm x 6 Module	1	



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Sr. No.	Machine Type	Make	Model	Axis Travel (X/Y/Z)	Qty.	Remarks
1	UNIVERSAL MILLING	BATLOBOI	BFU-5	800 X 350 mm	1	
2	UNIVERSAL MILLING	JAFO JACORSON	POLLAND	890 X 250 X 355 mm	1	WITH DRO
3	UNIVERSAL MILLING	HMT	FN2U	800 X 600 mm	1	WITH DRO

Sr. No.	Machine Type	Make	Model	Drill Capacity	Qty.	Remarks
1	RADIAL DRILL	HMT	RD-62	62mm	1	
2	RADIAL DRILL	MAS	VR4-A	50mm	1	
3	BANDSAW	MULTICUT	BDC-200 A (AUTOMATIC)	Ø 200 X 200 mm	1	
4	BANDSAW	-	-	Ø 150 mm	1	
5	HORIZONTAL BROACHING	KABIRA	10 TON	Broach Length - 1000 mm	1	
6	CENTRELES GRINDING	HI LIFE	HLC-D-100	Ø 100 mm MAX OD	1	
7	DRILL BIT GRINDER	ALL CUT	-	45 mm	1	
8	SPM DRILLING	MAKSON	-	15 mm	1	
9	LATHE	KIRLOSKAR	ENTERPRISE	Ø 250 X 600 mm	2	
10	LATHE	NAGMATI	GNM-2	Ø 250 X 600 mm	1	
11	LATHE	ANIL	MODEL 5	Ø 200 X 300 mm	5	
12	PIPE POLISHING/ BUFFING MACHINE	-	-	3 mm to 50 mm	1	
13	PAINT SHOP					



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Work Shop

Measuring Facility (Workshop)

Sr. No.	Equipment	Make	Specification	Accuracy	Qty.
1	C.M.M.	Carl Zeiss	Proposed	-	1
2	Height Master	Mitutoyo	0 to 977 mm 2D Software	0.002 mm	2
3	Height Master	Electronica	0 to 915 mm 2D Software Systems	0.005 mm	1
4	Height Master	Electronica	0 to 920 mm added 2D Software Systems	0.005 mm	1
5	Granite Surface Plate	Microflat	2000 x 1000 x 200	0 Grade	1
6	Granite Surface Plate	Microflat	1600 x 1000 x 200	0 Grade	1
7	Granite Surface Plate	Microflat	1600 x 1000	0 Grade	1
8	C.I. Surface Plate	Microflat	1600 x 1000	0 Grade	1
9	Surface Roughness Tester	Mitutoyo	Model: Surftest, SJ-210	4mN Type	1
10	Digital Surface Coating Thickness Tester	Samsonic	DFT-33 AP	-	1
11	Air Gauge	Baker	15 mm to 65 mm	0.001 mm	2
12	Bore Gauge	Mitutoyo	18 mm to 400 mm	0.001 mm	Set
13	Bore Gauge	Mitutoyo	50 mm to 150 mm	0.01 mm	Set
14	Micro Meter	Mitutoyo	0 mm to 600 mm	0.01 mm	Set
15	Micro Meter	Mitutoyo	25 mm to 50 mm	0.01 mm	1
16	Micro Meter	Mitutoyo	50 mm to 75 mm	0.01 mm	2
17	Micro Meter	Mitutoyo	75 mm to 100 mm	0.01 mm	1
18	Vernier	Aerospace	0 mm to 2000 mm	0.020 mm	1
19	Vernier	Yamayo	0 mm to 1500 mm	0.1 mm	1
20	Vernier	Yamayo	8"200	0.02 mm	3
21	Dial Vernier	Mitutoyo	0 mm to 250 mm	0.02 mm	3
22	Dial Indicator	Mitutoyo	0 mm to 10 mm	0.01 mm	1
23	Gear Teeth Micrometer	Mitutoyo	0 mm to 25 mm	0.01 mm	Set
24	Gear Teeth Micrometer	Mitutoyo	25 mm to 50 mm	0.01 mm	Set
25	Height Gauge	Forbes	0 mm to 600 mm	0.1 mm	1
26	Height Gauge	Arrow Spaces	300 mm	0.02 mm	1
27	Slip Gauge	USSR / Mitutoyo	-	-	2 set



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Foundry Shop

Cast Iron Casting Foundry

Sr. No.	Machine Type	Make	Model	Capacity	Qty.
1	MEDIUM FREQUENCY INDUCTION FURNACE	ELECTROTHERM	-	2 TONS/DAY	1
2	CUPOLA FURNACE (COKE FIRE)	-	-	10 TONS/DAY	1
3	MOULDING MACHINE	UNITHERM	UPL-1	JOLT SQUEEZE	2
4	MOULDING MACHINE	UNITHERM	CJS-HPL-2	PNEUMATIC JOLT SQUEEZE	2
5	MOULDING MACHINE	UNITHERM	CJS-HPL-3	PNEUMATIC JOLT SQUEEZE	2
6	TUMB BLAST SHOT BLASTING MACHINE	PATEL	7 Cu. Ft.	32" X 38"	1
7	CORE SHOOTER	SUSHA	-	AIRSET	2

Non – Ferrous Casting Foundry

Sr. No.	Machine Type	Make	Model	Capacity	Qty.
1	PIT FURNACE FOR NON FERROUS	-	-	2.5 TONS/DAY	6
2	PRESSURE DIE CASTING MACHINE	-	180 to 250 TONS	UP TO 3 KG	1
3	PRESSURE DIE CASTING MACHINE	-	120 TONS	UP TO 0.500 KG	1
4	GRAVITY DIE CASTING MACHINE	-	-	UP TO 10 KG	1
5	ROTARY BARREL TYPE SHOT BLAST	SURFEX	-	-	1

Measuring Facility (Foundry)

Sr.No.	Equipment	Make	Specification	Accuracy	Qty.
1	Carbon Silicon Analyser	Suyash			1
2	Hardness Tester	Suraj			1
3	Sand Hardness Tester	Verstile			1



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Our Products



CNC Turned Parts



Aluminum Parts



Sheet Metal Parts



Cast Iron Castings & Machined Parts



Non Ferrous Castings & Machined Parts



Gears And Timing Pulleys



Ground Shafts



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Thanks

Contact Us

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