



REVENT

Corporate Presentation -Feb'23

Who we are?



Revent was born consequent to the acquisition of two former Amtek group Companies (Amtek Auto Limited and Castex Technologies Limited) by DVI, a US based investment fund.

16

PLANTS



Fully equipped to provide solutions for ferrous and aluminium component manufacturing



Long standing partnerships with Indian & International customers

3000+

EMPLOYEES



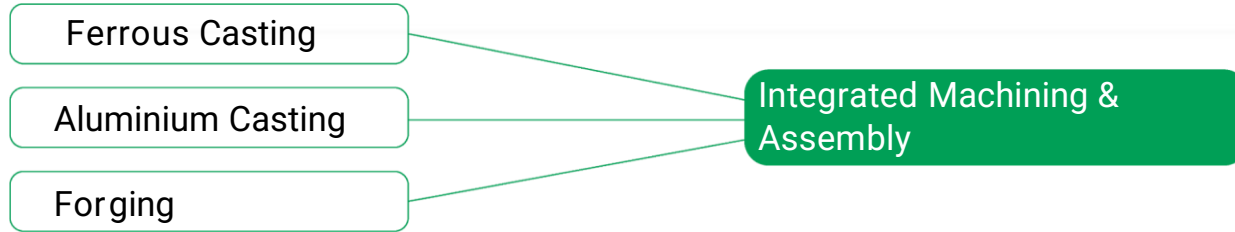
Professionally managed and board governed company. committed to highest standards of governance and ethical conduct



Strategically located facilities in close proximity to primary customer locations

Who we are?

Multi technology Solutions



North

Ferrous Casting Bhiwadi	Forging Gurugram	Machining Gurugram Dharuhera Baddi
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Forging Bhopal	Machining Bhopal
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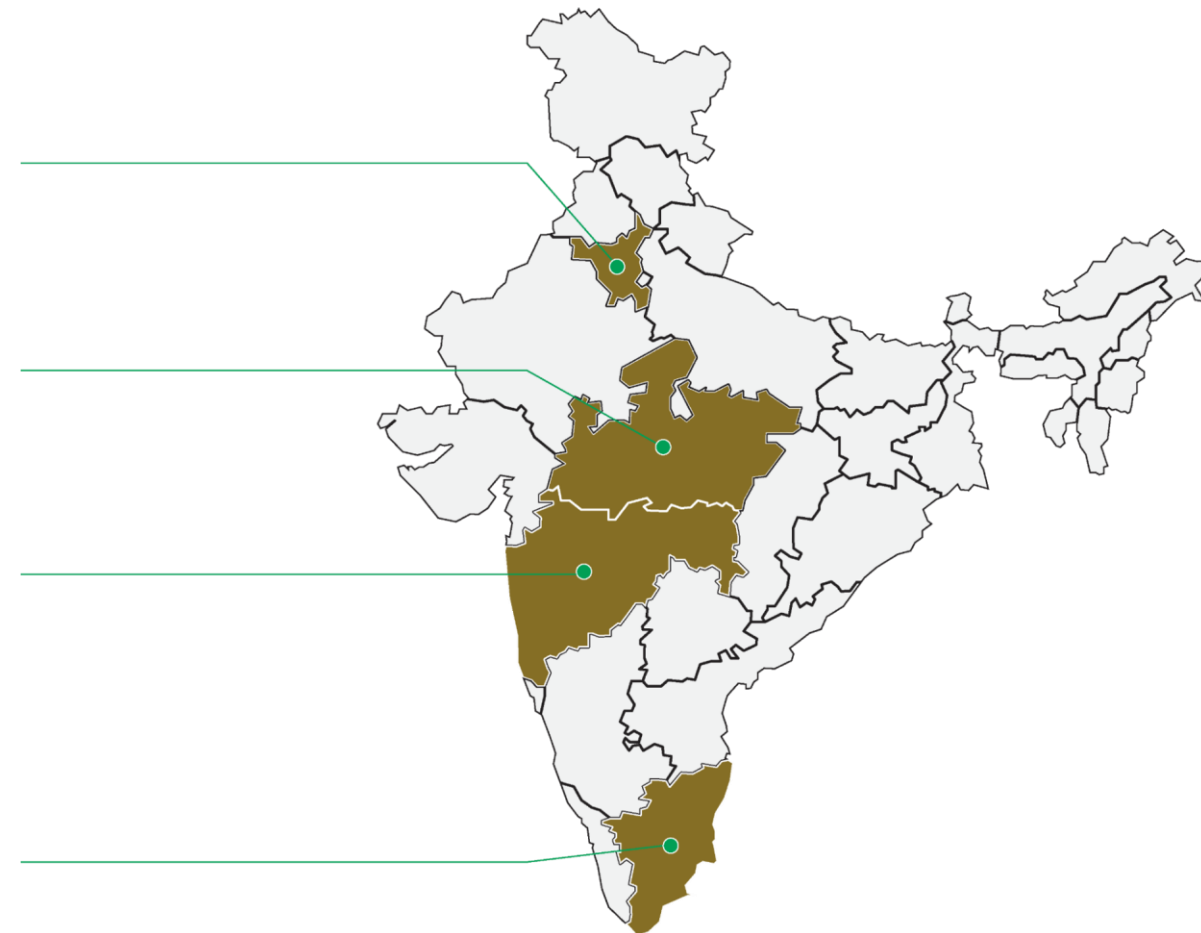
Central &
West

Aluminium Casting Pune	Machining Pune
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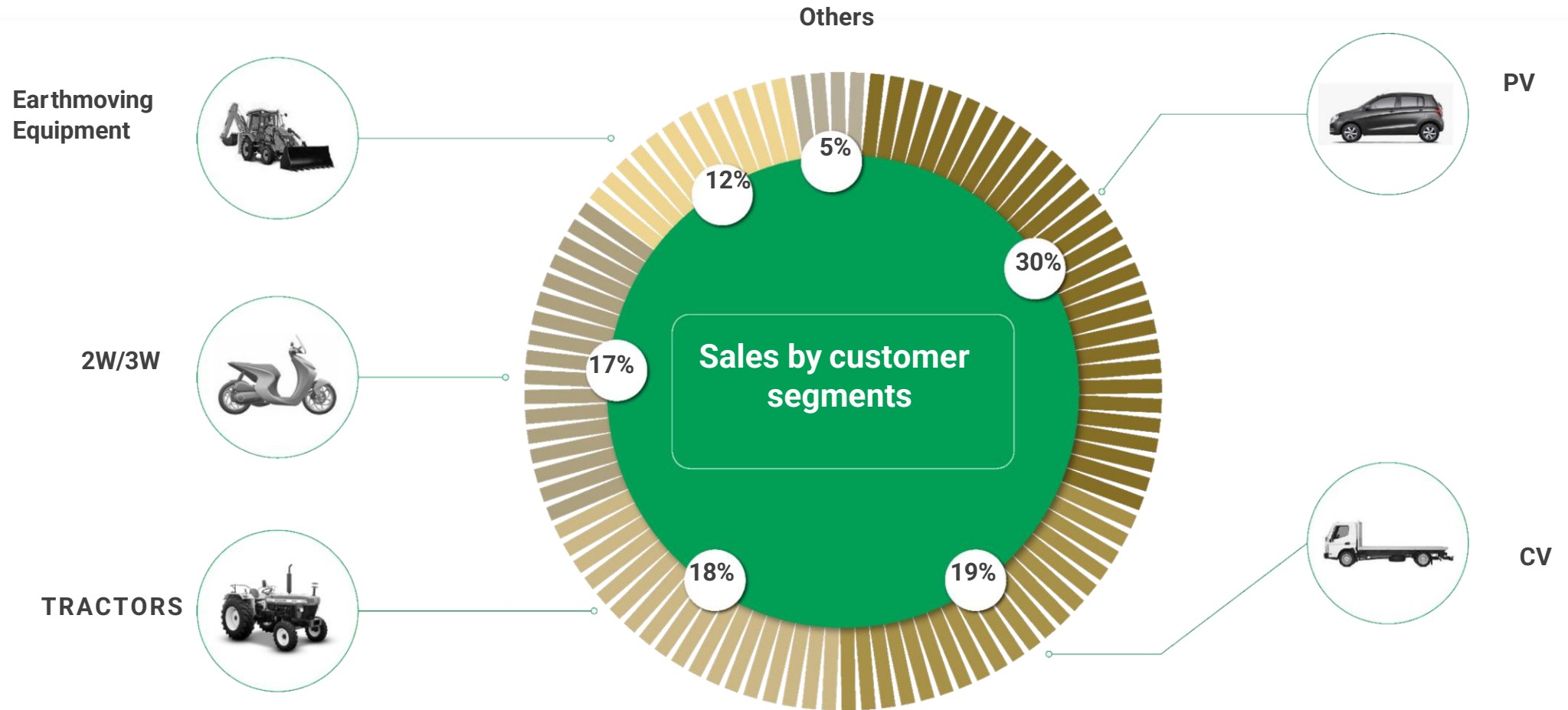
South

Forging Hosur	Machining Hosur
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Geographical Presence



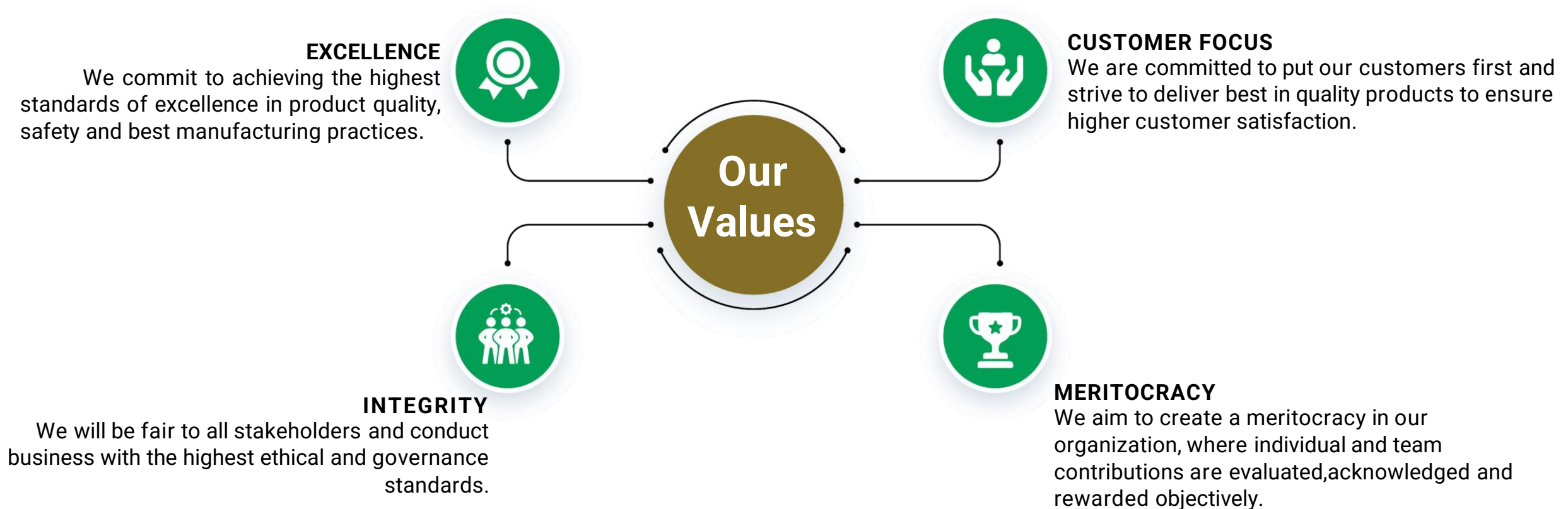
Diversified customer base



Diversified customer base with strong relationship with major OEMs

Vision & Core Values

Transforming together with customers, suppliers & other stakeholders by focusing on innovation in manufacturing technologies to become globally benchmarked precision engineering solution provider.



Leadership



Mr. Prakash Khose
Group CEO



Mr. Muneesh Chawla
Group Financial Controller



Mr. Arvind Goel
Independent Director



Mr. Ramesh Maheshwari
Independent Director



Mr. Bharat Parekh
Independent Director



Mr. Anantakrishnan Krishna
Independent Director

REVENT PRECISION ENGINEERING LIMITED



FULLY EQUIPPED FOR OFFERING CUSTOMISED SOLUTIONS IN PRECISION ENGINEERING

- Aluminium die casting with integrated machining at Ranjangaon, Maharashtra.
- Forging plants with integrated machining at plants in Gurugram, Bhopal & Hosur. The facility includes forging presses upto 1350 tons.
- In addition to the integrated machining facilities at the forging and casting plants, Revent has established dedicated machining centers of excellence at Dharuhera, Haryana and Sanaswadi, Maharashtra, equipped with state-of-the-art machining centers, providing complete capability for precision machining of the full gamut of cast and forged products.
- Gears & Shafts : A dedicated gear plant at Sanaswadi, Maharashtra capable of machining a wide range of 'Shaved' and 'Ground' gears and shafts.

REVENT METALCAST LIMITED



FULLY EQUIPPED TO OFFER CUSTOMISED SOLUTIONS IN FERROUS CASTING

- SG Iron Casting facility capable of producing various parts upto 28Kgs. We have 2 DISA vertical lines with the largest box size of 650x535x150~390.
- Grey iron casting facility capable of producing parts upto 200 Kgs. We have 2 DISA vertical Lines, 1 HWS Horizontal Line & 1 GFD Horizontal Line, with the largest box size of 1200X1050X400.

	FERROUS FOUNDRY UNIT-I	FERROUS FOUNDRY UNIT-II
Plant Setup	2002	2008
No. Of Lines	2	4
Make	HWS & GFD	DISA
Box Sizes	1200x1050x400 / 400 900x700x300 / 300	600x480x150 - 350 650x535x150 - 390
Metallurgy	Grey Iron	Grey Iron, S. G. Iron & Silico Moly
Certification	IATF 16949 ISO 14001 & ISO 45001	IATF 16949 ISO 9001 ISO 14001 & ISO 45001
Weight Range	20 - 200 KGs	0.6 - 40 KGs
Product Details	Cylinder block, Cylinder Head, Axle support, Housing Clutch, Differential Housing, Flywheel and covers	Turbine Housing, Brake parts, Engine & Transmission Parts

Aluminium Casting



PARTICULARS	HPDC	GDC	MACHINE SHOP	TOOL ROOM
Range Of Products	0.05 Kg to 20 Kg	0.1 t o 3.5 Kg	-	Die Manufacturing up to 2500T machine
Machine Types	420 Tons to 1900 Tons Locking Force (Idra, Zitai Press & Buhler Make)	GDC Tilting M/c's & Shell type Core Shooter (PLC)	CNC TC, VMC, HMC, Robo drills, leak testing, washing machine	CNC High Speed Milling, Wire cut , EDM, Die spotting etc
Number Of Machines	HPDC - 12 Trimming press- 5	GDC Tilter-3 Core Shooters-5	CNC-6, HMC-2, VMC-16, Robo Drills-10, Washing M/c-3	15
Built-up Area	4500 Sq. Meters	2500 Sq. Meters	-	1250 Sq. Meters
Melting Furnace	Capacity-2000 KG/ HR. Fuel - LPG 2 Nos	Capacity-500 KG/ HR. Fuel - LPG	-	N/A
Inspection Facility	CMM- 2nos, X ray, Spectrometer, Hardness and Roughness tester, Microscope with camera, Leak testing- 7 nos,			
CAD-CAM	IDEAS C3P, PRO-E WF3, UG NX4, DELCAM power shape tool design, DELCAM power mill with electrode, DELCAM power inspect, MAGMA & Pro Cast for MFA.			

	FORGING DIVISION UNIT-II (GURUGRAM)	FORGING DIVISION UNIT-III (BHOPAL)	FORGING DIVISION UNIT-I (HOSUR)
Press Range	600T – 1300T	730T – 1350T	600T – 1350T
No. of Presses	14 NOS	10 NOS	05 NOS
Heat Treatment	<ul style="list-style-type: none"> • Continuous type LPG fixed Quench & Tempeí Furnaces • Continuous type LPG fired Isothermal Annealing Furnaces • Continuous type Electricity Heated Mesh Belt Normalising Furnace 		
Quality Inspection & Testing	<ul style="list-style-type: none"> • Spectrometer (German -Spectro) • Microscope (Japanese -Olympus) • Micro Vicker Hardness Tester (Mitutoyo) • Digital & Optical Hardness Testers • UTM • Tensometer • Ultrasonic Tester • Eddy Current Sorter 		

Precision Machining of Casting



LINE-UPS	TYPE	DESCRIPTION
Product family specific machining lines	Flywheel Assembly	End to end manufacturing lines comprising vertical turning lathes, induction heaters, vertical machining centers, automatic balancing and gauging machines.
	Brake Drum Assembly	Full fledged set-up with robotic paint shop to produce brake drums of maximum diameter of 300mm, Length 100mm, Weight 10 Kgs.
Flexible machining Lines	CNC machines	Machining plants with CNC, VMC, HMC (Makino & Moriseiki) & Honing (Nagel) machines with capabilities to machine large casting parts like engine cylinder blocks and heads, housings, differential cases, flywheel housings, bed plate inserts and bed plate housings etc.

Precision Machining of Forgings

LINE-UPS	TYPE	DESCRIPTION
Product family specific machining lines	Split Connecting Rods	<p>We can make conrods for passenger vehicles, LCVs, Commercial Vehicles, Tractors upto 5 Kgs</p> <ul style="list-style-type: none"> • Weight Range , KG :- 0.100~3.00 • Centre Distance, mm : 94 ~ 220 • Crank End Bore Ø, mm: 30 ~ 64 • Piston End Bore Ø, mm: 12.5 ~ 35
	Fractured Connecting Rods	<p>Laser Scribing & Fracture Technology By Alfing, Germany. Can produce conrods upto 4.5 Kgs</p> <ul style="list-style-type: none"> • Weight Range , KG :- 0.100~3.00 • Centre Distance, mm : 94 ~ 220 • Crank End Bore Ø, mm: 30 ~ 64 • Piston End Bore Ø, mm: 12.5 ~ 35
Flexible machining Lines	CNC machines	<p>We have machining lines comprising CNCs, VMCs, VTLs, HMCs, Induction Hardening machines, Grinding & Broaching machines with capabilities of producing various product families like Crankshafts, Balancer Shafts, End Yokes, Shifter Forks, Bridge fork bottom, Sector shafts, Pole Claw, Pole Piece etc</p>
Gears & Shafts Machining	CNC machines	<p>A dedicated gear plant at Sanaswadi, Maharashtra capable of machining a wide range of 'Shaved' and 'Ground' gears and shafts. The facility is equipped with hobbing & shaving machines, sealed quench furnaces, outer and inner diameter grinding and teeth Grinding equipment.</p> <p>It can produce spur, helical & worm gears & shafts for various applications, including:</p> <ul style="list-style-type: none"> • Din -7-8 Duly heat treated thru gear shaving route. • Din -5-6 Duly heat treated thru gear grinding route. • Gears with maximum diameter of 300 and Module max 6.

Products

REVENT



Cylinder Block



Cylinder Head



Flywheels



Connecting rods



Turbo Charger



Crankshaft (M/c)



Cylinder Head Cover (Al)



2W Crankshafts (Al)

Products

REVENT



Diff Case



Transmission Fork



2W Stem Assy



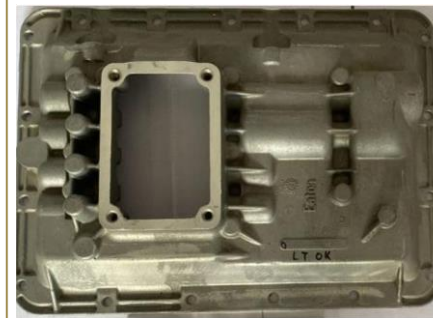
Turion Brackets



Front Axle Support



Worm Gear



Shift Bar Housing (Al)



Flywheel Housing (Al)

Products

REVENT



Turbine Housing



Brake Dampers



Brake Parts



Brake Parts



Brake Drum



Bearing Housing



Engine Support Bracket



Exhaust Manifold

A large, light gray, stylized letter 'R' is centered in the background of the slide. It is composed of several geometric shapes, including parallelograms and triangles, creating a modern, architectural look.

THANK YOU