

Emerging strong **powering** tomorrow





*Crafting* **Aluminium**

### **Katariya India**

Ingenuity has been the cornerstone of Katariya India Group's success since its founding in 1962. What started as a small Aluminium trading firm at the busy industrial product markets of Dariyapur, Ahmedabad, has grown into a leading supplier of high performance, high quality Metal Pistons to the, OEM and Replacement markets.

The first product was manufacturing of Aluminium Alloy Ingots which was supplied to the Aluminium casting industries. Surviving the many economic challenges over the ensuing years by focusing on innovation, value, technology and cost, Katariya India Group grew. Today Katariya India Group continues to build on that tradition of excellence, offering high performance, high quality pistons and assemblies for virtually all industries.





## Founder's message

*Dear Industry Colleagues,*

*It's been more than 50 years since we came to being. Much has changed since then; the industry has grown, markets have become more competitive, we have grown along with the demands and the expectations of the customers.*

*In keeping with the changed times and expectations, we at Katariya India Group, not only believe in meeting your expectations better but also continuously aspire to serve you better through our products and services. We strongly believe to serve best quality of services and products.*

*Towards quality, service and customer support. We are sure that together we would be able to provide for a better Aluminium future.*

*Best Regards,*

*मिश्रिलाल काटारिया*

**Mr. Mishrilal B. Katariya**  
Katariya India Group

## Growth Story

### From trading

We started in 1962 as a metal trading firm, trading ferrous and non-ferrous metals. In 1992 we specifically focused on trading of Aluminum, the company quickly grew and diversified into imports of metal and scrap Aluminium.

1962

1992

## Directors



**Mr. Bharat M. Katariya**  
*Managing Director*

Katariya India Group was primarily involved in the trade of ferrous and non-ferrous metals, when Mr. Bharat joined the company. Through his foresighted initiative in 1992 the company concentrated their focus from other metals to Aluminum trading which eventually paved way for expanding into manufacture of Aluminum Alloy Ingots. In 2002 under the aegis of Mr. Bharat, Katariya India Group set up its own metal melting furnace, manufacturing Aluminum Alloy Ingots which was distributed to the metal casting industries across India.



**Mr. Pravin M. Katariya**  
*Chief Executive Officer*

With a business acumen passed on to him as a legacy from his father and elder brother Mr. Pravin lead the company to yet another phase of diversification. Under his leadership Katariya India Group initiated the production of Aluminum Pistons from their own Ingots

### To Manufacture

We established our own foundry in 2002 where we started converting Aluminium Metal & Scrap into finished Aluminium Alloy Ingots for various industries dealing in the manufacture of Aluminium Metal products.

2002

### To Integration

Gradually with Aluminium as we forged Katariya's mark of reputation among our customers we focused on our expansions into manufacturing of Die Casting Component from our own Aluminium Alloy Ingots which is when we embarked on manufacturing Aluminium pistons.

2011

*journey continues*



Katariya India Group's principal business was the processing and trading of ferrous and non-ferrous metals. By the mid -1992 Mr. Bharat, joined the company and decided to focus on Aluminium trading and thereby began to shape the growth and dynamics of the company. During the early 2002 Aluminum melting furnace was installed and this changed the direction of the company from a scrap processor to an Aluminum Alloy Ingot producer which produced high quality Alloys to specific customer requirements. Since installation of the melting furnace Katariya India Group has carved its reputation with the production of Primary Alloy Ingots. The Alloy Ingots manufactured are produced from virgin Aluminium with 100% Alloying which has been the trusted mark for Katariya Aluminium's quality in the market . With the growing market demand, Katariya India Group has recently forayed into the production of Secondary Aluminium Ingots.



## IS 617 : 1994 alloys and approximate equivalents

India	UK	ISO	EN AC-	France	Germany	Italy UNI	USA AA /ASTM	USA SAE	Japan	End uses
1950	LM0	Al 99.5	-	A5	-	3950	150	-	-	Electrical, food, chemical plant
4520	LM2	Al-Si 10 Cu2Fe	46 100	A- S9U3-Y4	-	5076	384	383	ADC 12	Pressure diecasting
4223	LM4	Al-Si5Cu3	45 200	A-S5U3	G-AlSi6Cu4 (225)	3052	319	326	AC 2A	Sand, gravity, diecast manifolds, gear boxes etc.
5230	LM5	Al-Mg5Si1 Al-Mg6	51 300	AG6	G-AlMg5 (244)	3058	514	320	AC 7A	Sand, gravity; corrosion resisant, for marine use Food plant, chemical plant
4600	LM6	Al-Si12 Al-Si12Fe	44 100	As13	G-AlSi12 (230)	4514	A413	-	AC 3A	Sand, gravity; thin sections, manifolds ets.
4635	LM9	Al-Si10Mg	43 100	A-S10G	G-AlSi10Mg (233)	3049	A360	309	AC 4A	Low pressure etc; motor housings, cover plates etc. High strength when heat treated
2550	LM12	AL-Cu10Si2Mg	-	A-U10G	-	3041	222	34	-	Gravity, sand cast; machines well, hydraulic equipment
4652	LM13	Al-Si12Cu Al-Si12CuFe	48 000	A-S12UN	-	3050	336	321	AC 8A	Sand, chill; used for pistons
4225	LM16	Al-Si5Cu1Mg	45 300	A-S4UG	-	3600	355	322	AC 4D	Sand, chill; cylinder heads valve bodies, good pressure tightness
4600A	LM20	Al-Si12Cu Al-Si12CuFe	47 000	A-S12-Y4	G-AlSi12(Cu) (231)	5079	A413	305	-	pressure diecasting corrosion resistant, marine castings, water pumps, meter cases
4323	LM21	Al-Si6Cu4	45 000	A-S5U2	G-AlSi6Cu4 (225)	7369/4	308	326	AC 2A	Sand, gravity; similar to LM4 crankcases, gear boxes etc.
4223A	LM22	Al-Si5Cu3	45 400	A-S5U	G-AlSi6Cu4 (225)	3052	319	326	AC 2A	Chill casting; solution treated, good shock resistance, automotive heavy duty parts
4420	LM24	Al-Si8Cu3Fe	46 500	A-S9U3A-Y4	G-AlSi8Cu3 (226)	5075 3601	A380	306	AC 4B ADC10	Pressure diecasting; engineering diecastings
4450	LM25	Al-Si7Mg	42 000	A-S7G	G-AlSi7Mg	3599	A356	323	AC 4C	Sand, chill, general purpose high strength alloy with good castability; wheels, cylinder blocks, heads
4525	LM26	Al-Si9Cu3Mg	-	A-S7U3G	-	3050	332	332	-	Chill, used for pistons
4423	LM27	Al-Si7Cu2Mn0.5	46 600	-	-	7369	-	-	AC 2B	Sand, chill versatile alloy, good castability, general engineering parts
-----	LM28	Al-Si19CuMgNi	-	-	-	6251	-	-	-	Chill; high performance pistons
-----	LM29	Al-Si23CuMgNi	-	-	-	6251	-	-	-	Chill; high performance pistons
-----	LM30	Al-Si17Cu4Mg	-	-	-	-	390	-	-	pressure diecast; unlined cylinder blocks
-----	LM31	Al-Zn5Mg	71 000	A-Z5G	-	3602	712	310	-	Send; large castings, good shock resistance, good strength at elevated temp.







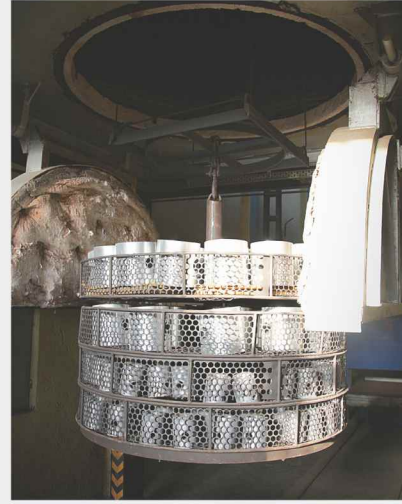
## *empowering innovations*

**Katariya Aluminium Pistons** was brought to life in 2011 as a manufacturer and supplier of high performance, high quality pistons. Forged out of the need for a better piston, and with a goal to offer a superior product that was competitively priced we have been able to capture not only our customers' orders but also their satisfaction quotient.

Adhering to our traditions of excellence we are emerging strong in the production of high-performance pistons for numerous applications. Automotive, Marine, Agriculture, and Industrial Compressor markets all excel thanks to the hands-on experience of our talented and dedicated staff.

To our existing customers, we sincerely thank you for placing your trust in Katariya Aluminium Pistons and joining our team. To prospective customers, we invite you to review our line of industry leading pistons. By selecting Katariya, you are leveraging our 50 plus years of Aluminium crafting experience that is setting a standard for piston performance.





Katariya Pistons blends its unique experience, state-of-the-art equipment, engineering excellence and dedicated team to produce pistons that have forged a reputation for power!

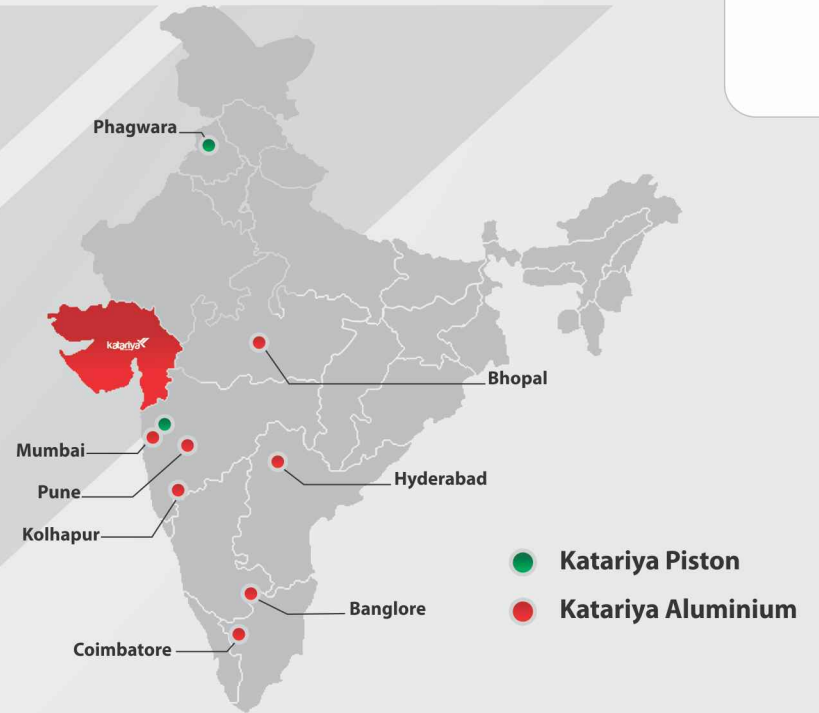
In a world of hostile takeovers and faceless corporate buyouts, it's reassuring to know you're doing business with a company that flourishes under its original management - one that has endured the test of time. The fact is: anyone can acquire the machinery and raw materials to make and sell pistons. However, not everyone can supply the technical and real-world experience to make those pistons function properly – Katariya can! The promise we make to you is that we will continue to work as hard today as we did the day the company was founded to produce state-of-the-art pistons that are competitively priced.





**Reach**

The trust build over the years has also yielded in expanding business footprints across various markets for Katariya India Group. Our growth has been steep but steady, we started with Aluminium trading in 1962 and since 2011 we have expanded to manufacture of Aluminium Pistons and offering Aluminium crafting solutions to OEM and Replacement markets thereby powering innovation at large.







#### **SHREE KAMAL METAL SYNDICATE**

*(Non Ferrous Metal & Scrap)*

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#### **SHREE KESHARIYAJI METAL IMPEX**

*(Aluminium & Zinc Alloy Ingot Unit)*

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