

# Ishaan Engineering

## REDEFINING THE CASTING INDUSTRY

The casting market is poised for significant growth owing to the massive developments in the various sectors of electric vehicles & motors, lighting devices, engineering products and appliances industries, to name a few. With the push for energy saving systems and luminaires, India is one of the largest competitors to China in terms of producing intricate and thin wall thickness aluminium castings. Sustainability being the goal of the future generation; it has pushed development towards application of recyclable material and processes that generate low carbon footprint.



Ishaan Shah & Nimish Shah,  
Directors

Quality and cost are the unspoken requirements; today customers expect a hassle-free experience throughout the project. Customers want parts in ready-to-assemble format, as opposed to the error-prone task of connecting with multiple jobbers. In addition to it being in a fragmented market, most casting providers possess limited expe-

rience of catering to just a few specific industries. Thereby finding the right partner may prove to be quite an arduous task.

Headquartered in Dadra Nagar Haveli, Ishaan Engineering (IE) is perfectly positioned as a one-stop solution provider for aluminium parts. Specialized in manufacturing of aluminium pressure die castings and tools, the company takes pride in their state-of-the-art manufacturing facilities. "Our infrastructure provides development of moulds, castings and services of machining and surface coating; thereby making an effective and efficient supply chain," explains Ishaan Shah, Partner at Ishaan Engineering.

When a customer approaches a mould manufacturer and then a casting vendor, they tend to spend additional 25-40 days. However, when it comes to working with IE, they facilitate complete package of in-house die designing and validating, VMC machining, grinding, sparking and polishing for mould manufacturing. Thereby reducing co-ordinating activities between customer, supplier and die-caster.

### Offering Improved Capabilities

Committed to ensuring complete customer satisfaction, the company has three plants possessing the capacity of producing more than 3000 Tons of processed aluminium castings annually. With facilities of trimming press, SPM drilling & tapping machine, CNC machine, shot blasting and coating, the part can be directly used on the assembly line. "The major advantage of working with us is that the customer can bring down their development cost and

at the same time they can get their part in the market at a faster rate," explains Ishaan.

Incepted in 1956 as family business and then in 1996 as separate entity the company has catered plethora of industries over the time, providing castings to automobile, agriculture, consumer durables, cookware and kitchen appliances, electrical (Motors, lighting, flame-proof), engineering, and cutting sector and many more. This has enabled the team to attain vast hands-on and in-depth experience to meet every customer's unique requirements. Proudly attributing the success, the company has achieved today, Ishaan says, "The credit of this scale goes to my mother, Shefali Shah. Her push for exploring downstream processes enabled us to expand our manufacturing facilities and catering customer requirements."



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Commanding quite the market presence, the company envisions expanding its reach to various other sectors where it can supply casted parts. Ishaan signs off, "Automation is our next major goal for achieving consistency in the field. Increasing our tonnage capacity and further downstream processing will be our future." ||