



**SHEETAL
METALS**

EXPERTS IN ALUMINIUM PRESSURE DIE CASTING



ISO

(ISO 9001 : 2015)

(ISO 14001:2015)

(ISO 45001:2018)

IATF

(IATF 16949:2016)

Certified Company

HIGH PRECISION ALUMINIUM PRESSURE DIE CASTING FACILITY AT CENTRAL INDIA

Made In India



**NOT JUST A COMPANY BUT
A TEAM OF HIGHLY QUALIFIED
ENGINEERS**



Sheetal Metals is Central India's first aluminium pressure die casting product supplier and a manufacturer of high-precision aluminium components. Our team comprises highly qualified engineers with extensive manufacturing and aluminium casting experience since 2018.

Our team has in-depth expertise in

- » Tool Design & Development
- » Precision Machining
- » Pressure Die Casting
- » Pre-treatment, Painting & Powder Coating
- » Trimming, Fettling & Buffing
- » Quality Assurance & Process Optimization
- » Shot Blasting

We offer end-to-end product development capabilities, managing every stage from initial research and concept design through engineering, prototyping, testing, and full-scale production. Our integrated approach ensures seamless coordination, faster timelines, and consistent quality at every step.

With a strong focus on precision, performance, and innovation, Sheetal Metals delivers reliable, high-quality aluminium solutions engineered to meet the evolving needs of diverse industries.

Certifications And Awards



ISO 9001 : 2015



ISO 14001:2015



ISO 45001:2018

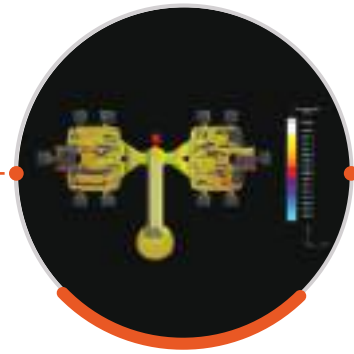


IATF 16949:2016



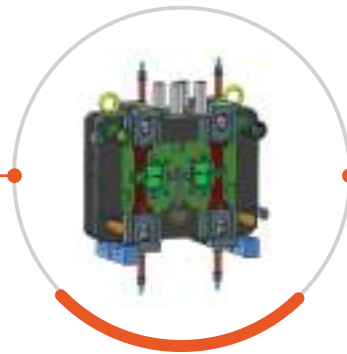
Product Design

3D CAD-based component design developed to customer specifications, material requirements, and design-for-manufacturing (DFM) principles.



Simulation

Advanced casting simulation to analyze metal flow, solidification, and to predict defects like porosity and shrinkage before tooling release.



Die Design

High-pressure die casting die design optimized for gating, runners, venting, cooling, and cores to deliver stable, repeatable output.



Production

Controlled HPDC manufacturing with in-house finishing and process monitoring for consistent quality and accuracy.



Final Product

Fully inspected, dimensionally accurate aluminium die-cast component ready for customer application and series production.



PDC - 650 / 400 / 350 / 180 Tonnage



Machining
VMC- 450,550
CNC- 200



Shot Blasting
Hanger Type,
Double Door, Spinner



Surface Treatment
11 Tank Process



**Conveyorised Paint &
Powder Coating Line**



Quality Lab



**Metal Testing
Spectrometer**



Pretreatment

11-stage chemical pretreatment for superior surface cleaning, corrosion resistance, and coating adhesion.



Automatic Conveyorised Plant

Conveyorised automation enabling controlled process timing, stable part movement, and uniform coating quality throughout the line.



IR Curing

Infrared curing system for rapid gelation of the primer coating, reducing cycle time while ensuring uniform coating thickness.



Primer Paint

Primer application to improve corrosion resistance, surface quality, and adhesion for subsequent powder coating.



Spray Booth

Controlled powder application in a dedicated spray booth to achieve uniform coverage, optimal film thickness, and minimal overspray.



Baking / Curing

Controlled curing oven for complete powder-coat cross-linking, delivering durable, high-performance finishes.

Electronics & Electrical Segment



Industrial Segment

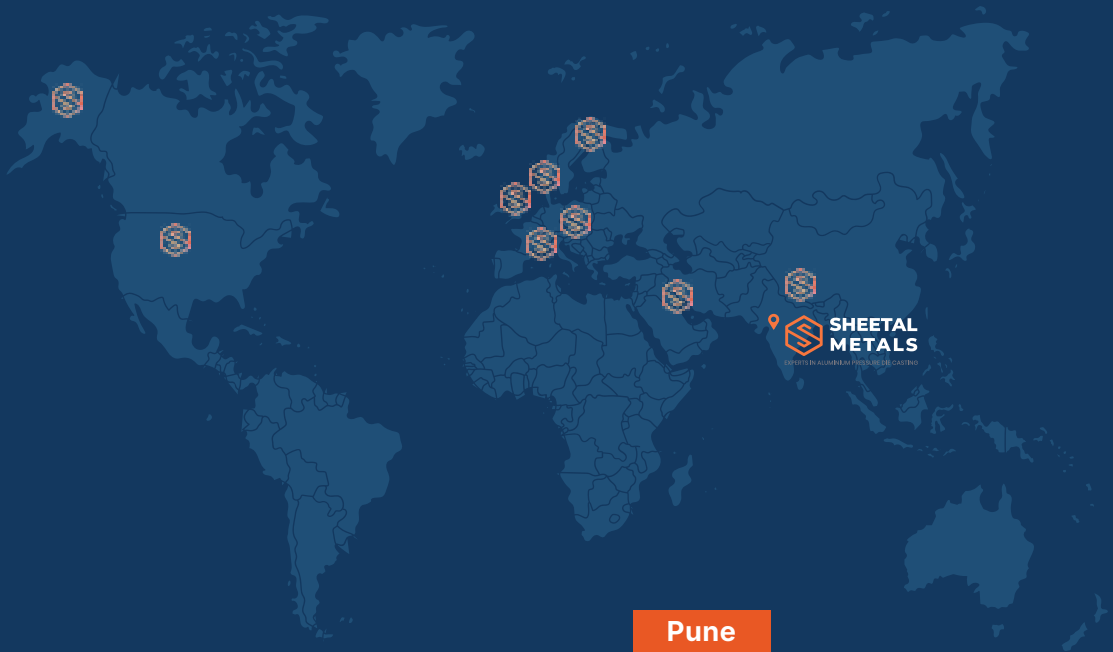


Automotive Segment



 TATA Precision Industries (India) Limited	 Reliance Industries Limited	 CG Power and Industrial Solutions Ltd.	 TVS	 EULER
	 AMETEK	 ISUZU	 VENTA	 MOSDORFER KNILL GRUPPE
GROZ-BECKERT®	 WISEPOWER 威斯普	 AXIS	 LINAMAR	 eran industrial.
 bonton FURNITURE SOLUTIONS	 Gilco Since 1978	 PANTRONICS INDIA PVT. LTD.	 SHAKTI PUMPS LTD.	 CastNX
 SYRMA SGS	 CYANCONNODE	 SILVER PUMPS & MOTORS	 HE Hindustan Equipments Pvt. Ltd.	 Si Mangla
 DHO (SINCE 1991) Steel Technology Solutions	 JIGNET GROUP An ISO 9001:2008 Company	 PANKAJ PANKAJ ELECTRONICS	Aniraj Engineering And Consultants	 Sapfl Sadguru Auto Components

Our Global Presence



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