

# MEGA METALS

**Moulding Tomorrow's  
Innovation**

# ABOUT COMPANY

Mega Metals, a rapidly growing organization which has over the years gained expertise with its robust manufacturing facility, by providing high precision engineered products for high growth markets. We continue to deliver end to end solutions which are not only technically high volume but also complex cast, machined and assembled products to its customer in intra-national and international markets.

Mega Metals pushes its boundaries by innovating its process through continuous automation to provide its diverse clientele spread across various industries with high quality products. We promote a culture of fostering innovation which manifests into its state of the art manufacturing facilities. Mega Metals also understand and adapt the need of technological advancement but also recognises the need to invest, nurture and empowering its human capital by ensuring environment friendly operations.

**2007**

**Inception**

**Mr. Raman Arora**

**Founder**



## Melting

Gas Fuelled Central Melting Systems  
Alloying multiple Grades like ADC12,  
A380, AlSi12Fe, AlSi10Mg, LM6  
Capacity – 1000T per Month  
Testing through Spectrometer and K mold



## High Pressure Die Casting

Cold Chamber HPDC Machines  
ranging – 120 T ~ 900 T

30 HPDC Machines

Fully automatic with  
advanced cooling systems,  
Integrated die management  
and high energy efficient.

Casting Wt. Range - 50 Gm's. ~ 8 Kg's.



## Machining

26 CNC Turning Centre  
5 CNC Vertical Machining Centre  
5 CNC Drill tap Centre  
4th Axis  
4 Special Purpose Machines  
Accuracy – 2 ~ 5 microns



## Sub Assembly

2 Assembly lines for Electric Motor End Cover.  
Automatic Permawick Greasing

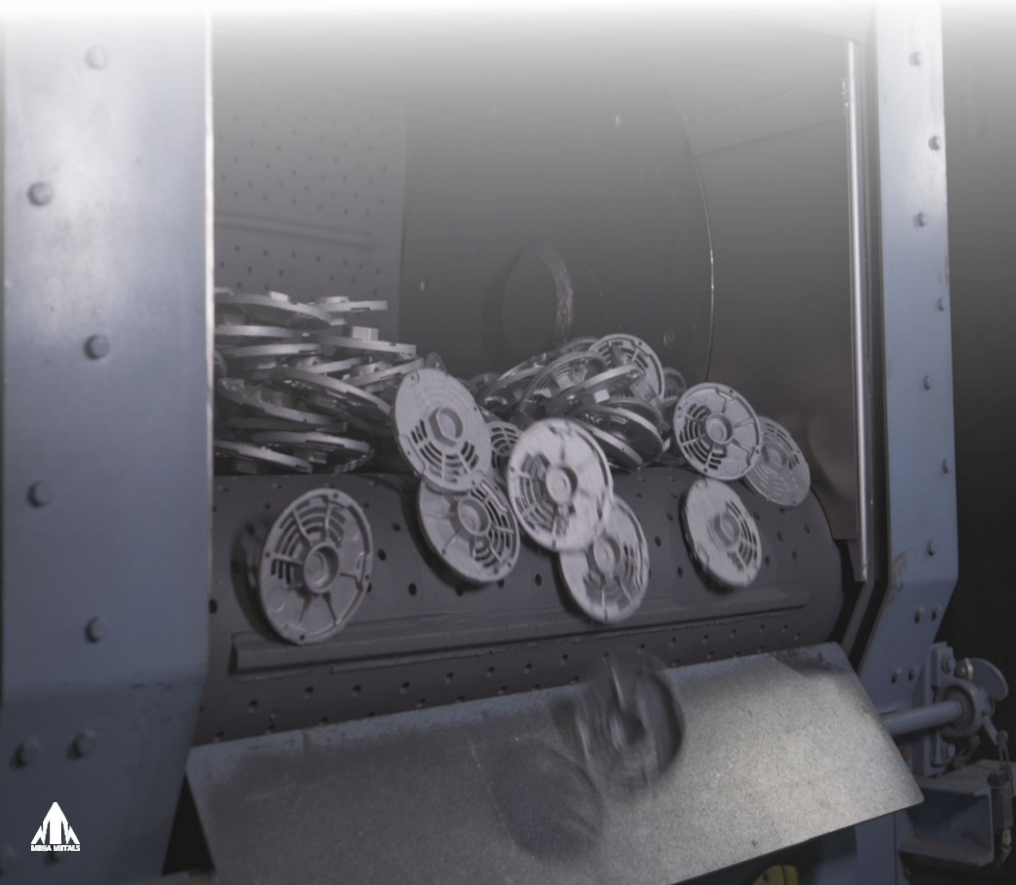


## Surface Treatment

Trimming M/c  
Fully Auto Shot Blasting  
(Tumbler and Hanger Type )  
Capacity - 1 Ton SS shots

Buffing/Sanding  
Vibro-finishing  
4 Stage Ultrasonic Cleaning

Impregnation\*  
Powder coating\*  
Soft Anodizing\*



# PROCESS CAPABILITIES

## Design and Tool Development

At Mega Metals, our Engineering Department stand at the forefront of innovation in the Aluminium die casting industry. These integral teams are dedicated to transforming concepts into high-quality, precision-engineered components that meet the exacting demands of our diverse clientele.

We offer

In House Design Facility

Simulation

3D CAM

Prototyping Capability

3D CAD

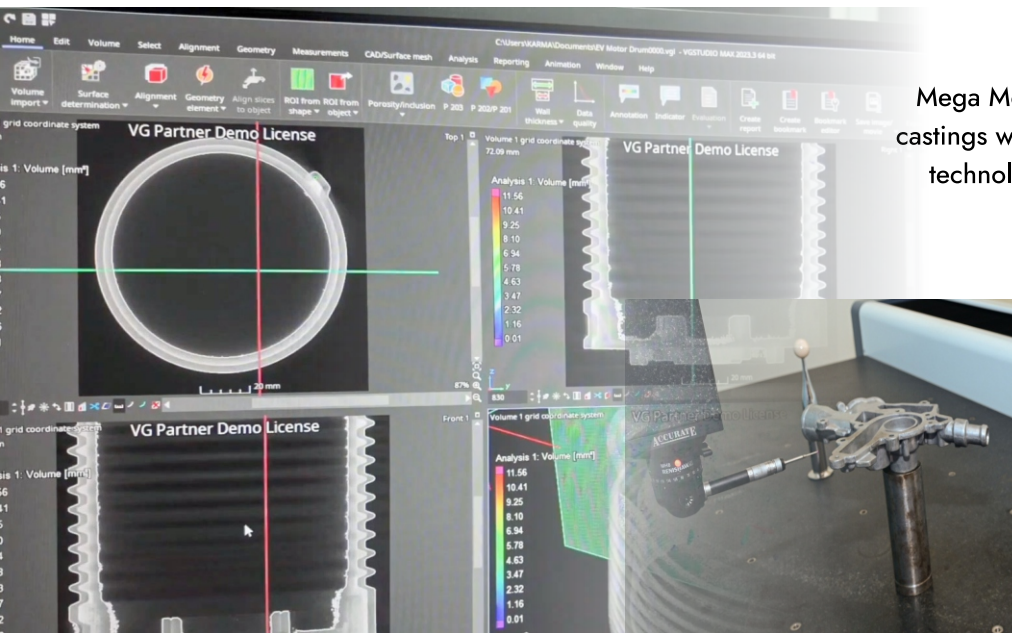
In House Tool  
Development Facility



# QUALITY ASSURANCE

## CERTIFICATIONS

We shall produce and supply superior quality Products & services and maintain credibility in the Market for the quality of our products & services all the times.



## EQUIPMENT'S

Mega Metals delivers precision aluminium die castings with strict quality control and advanced technology, ensuring reliable and defect-free components

- 3D CNC-CMM
- X-Ray Machine
- Spectro-Meter
- Profile Projector
- Contour Tracer
- Roughness Tester
- Leak Testing Machine
- Hardness Tester
- Universal Tensile Testing Machine

## TRAINING CENTRE

Welcome to the **Dojo Room** within our Aluminium Die Casting Facility. This specialized room is designed to serve as a hub for technical training, quality control, and continuous improvement in the die casting process.



Mega Metals has a well aligned Support System that ensures non-stop functioning of the plant to assure our customers with prompt supplies.

Mega Metals offers adequate utilities with spare capacity and contingency proof.

## For Power



Power Generator



Air Compressor

## For Logistics



2 Owned Vehicles



Tie Ups with Logistic partners across Globe.

## SUSTAINABILITY

At Mega Metals, sustainability is at the core of everything we do. Our efforts in sustainability not only help preserve the planet but also enhance the value we provide to our customers.

Effluent Treatment Plant

Exhaust Gas Regulations



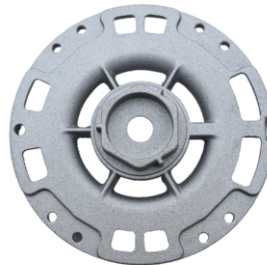
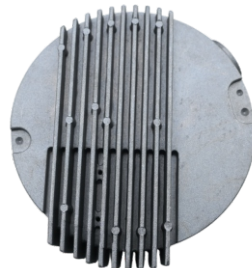
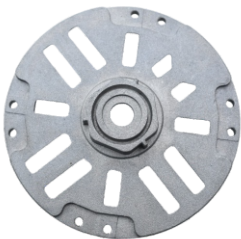
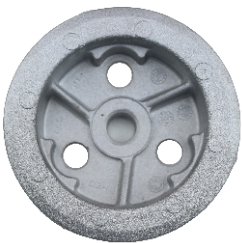
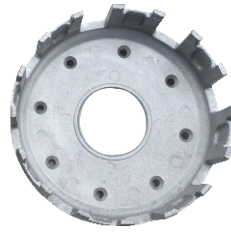
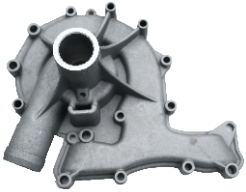
Air Pollution Control Machine

Sewage Treatment Plant

Dust Collector

# PRODUCTS

We manufacture precision components at our state-of-the-art production unit, maintaining the highest standards of quality to avoid any quality issues. We supply to numerous industry segments.





# PRODUCTS

[www.megametalsindia.com](http://www.megametalsindia.com)



# INDUSTRIES CATERED



Leading Solution Providers for Aluminium Die Casting Industry



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