



COMPLETE SOLUTION TO
GRAVITY DIE CASTING



Our Business Activities

We, Rishi Engineering Company Pvt. Ltd. introduce ourselves as an ISO 9001- 2015, Nonferrous Foundry specialized in Gravity Die - Casting Process (GDC)/ Permanent mold casting.

We Specialize in manufacturing Aluminium Castings, we also have in-house Capacity for Designing and Manufacturing of Gravity Dies.

Rishi Engineering Company Pvt.Ltd is a complete Solutions to industries Requirement of Aluminum castings.

In the nutshell, all development activities are carried out, under one roof.

C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



About us

COMPLETE SOLUTION TO GRAVITY DIE CASTING.

We are ISO 9001 – 2015 Company, specialized in field of Gravity Die-casting Process (GDC), since last 20 years.

Our Gravity Die – Casting foundry is set up in a 10,000 Sq. Ft. plot having about 5000 Sq. Ft. area dedicated for foundry work. To produce castings we have two melting & one holding electrically operated furnaces to melt 1000 kg. Aluminium per day.

We are having facilities of CNC Milling, Wire-cut, Spark – Erosion, Jig boring, Aluminium heat treatment, sand blasting, shot blasting, powder coating, impregnation etc, for development of components. We offer preparation of drawings, manufacturing of required dies, producing sound casting and machining them as per requirement.

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We have reduced weight by 40 – 45% by converting sand casting component to GDC process. This was achieved by reengineering the component design, by reducing wall thickness eliminating or reducing machining allowances.

Casting produced by (GDC) process are 30 – 40% stronger (tensile/hardness) than sand cast component. Thin ribs can be added to improve strength.

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VISION

Becoming Role Model Organization in Aluminum (GDC)
Casting Industry



MISSION

Becoming a role model by providing extraordinary quality dies, & aluminum Casting Components following with world class system for exponential growth, complete customer & employee satisfaction.

VALUES

Trust & transparency
Contribution to the Society
Quality Focus
Think Big

C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



PRODUCT SEGMENTS

GEAR BOXES
ENGINE COVER
ENCLOSURES
ELECTRICAL MOTOR COMPONENTS
FILTERS COMPONENTS
FLOW METERS COMPONENTS
PNEUMATICS CYLINDER COMPONENTS
CRANE COMPONENTS
FIRE FIGHTING EQUIPMENTS
PMDC MOTOR COMPONENTS
WATER TREATMENT EQUIPMENTS
BURNER COMPONENTS
SWITCH COMPONENTS
MACHINE COMPONENTS
HOSE CLAMP
COUPLINGS
ELECTRICAL ACTUATOR COMPONENTS
PLASTICS AUXILIARIES COMPONENTS
HOUSINGS & COVERS
POWER TOOL COMPONENTS



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



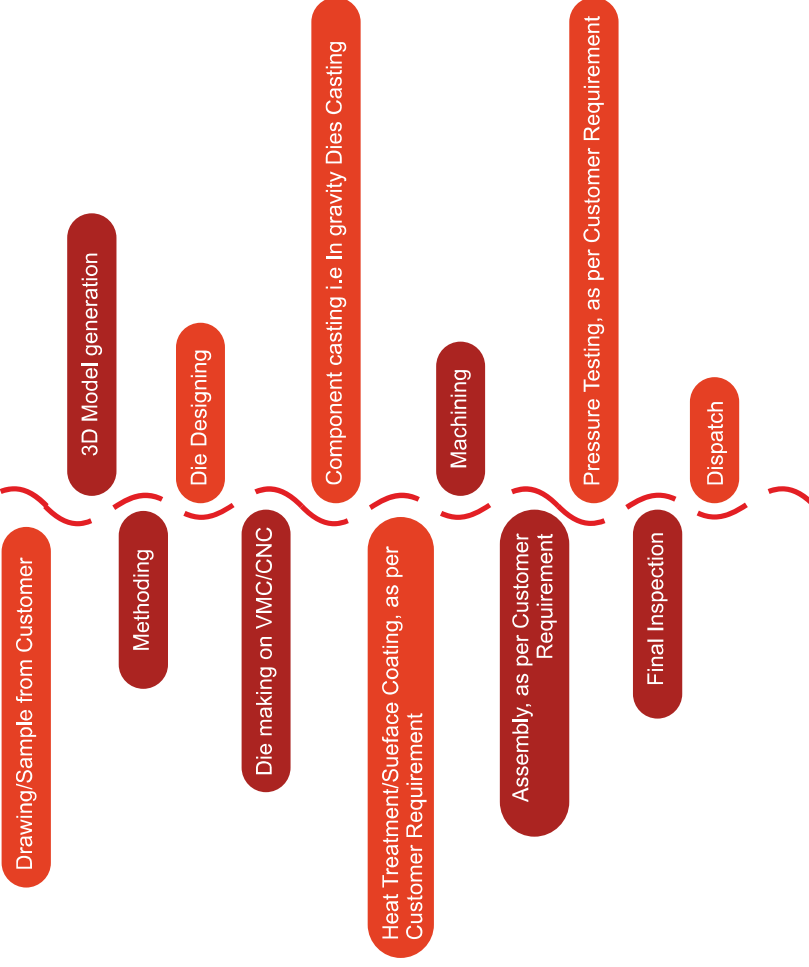
INFRASTRUCTURE

ELECTRICAL MELTING FURNACE
ELECTRICAL MELTING CUM HOLDING FURNACE
DIESEL FIRED FURNACE
TEMPERATURE MONITORING SYSTEMS
HORIZONTAL GDC MACHINES
PRESSURE TESTING SETUP
VERTICAL BAND SAW CUTTING MACHINE
HARDNESS TESTING MACHINE
BELT GRINDERS
AIR COMPRESSOR
DRILLING MACHINE
VMC MACHINE
CNC LATHE
MILLING MACHINE
LATHE MACHINE
WELDING MACHINE
GRANITE SURFACE PLATE
OTHER MEASURING EQUIPMENTS

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Scope of Work



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



ENCLOSURES & TERMINAL BOXES

C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



PNEUMATIC CYLINDER & OTHER COMPONENTS



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



FILTERS & FLOW METER COMPONENTS



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



VARIETY OF GEAR BOX COMPONENTS

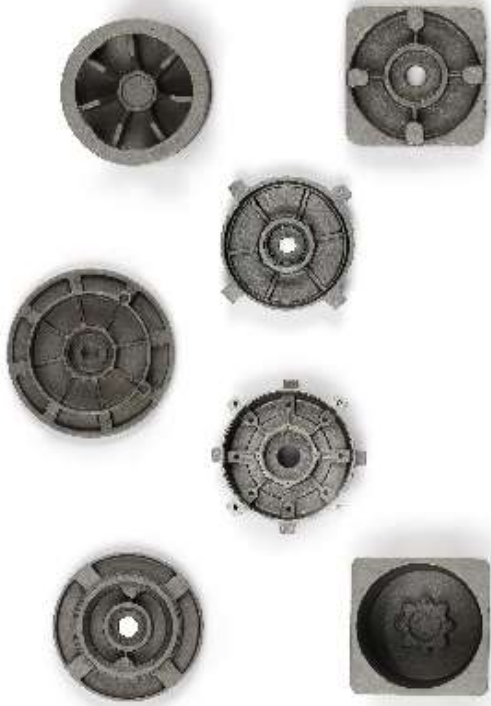


C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



GEARED MOTOR COMPONENTS





ELECTRICAL MOTOR FLANGES



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



ELECTRIC MOTOR FOOT COMPONENTS



C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



Advantages of GDC over sand Casting

- Less wall Thickness (3-3.5 MM)
- Reduced weight.
- Eliminates open Tolerance Machining.
- Reduced Machining Allowances.
- Better Dimensional Consistency.
- Better Mechanical Properties.

C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



QUALITY POLICY

- We, at Rishi Engineering Co. Pvt. Ltd. ARE committed to manufacture and supply Aluminum gravity Die casting components, as per customer's specification and achieve total customers satisfaction.
- We shall achieve this by continuously improving processes, products and services to ensure they consistently meet or exceed customer requirements by reducing process cost by, establishing quality management system.

C O M P L E T E S O L U T I O N T O G R A V I T Y D I E C A S T I N G



LIST OF VALUED CUSTOMERS

H.D. Fire Protect Pvt.Ltd
MMC Electric Co. Pvt. Ltd.
Atlas Copco India Ltd.
Duncan Engineering Ltd.
Electropneumatics & Hydraulics (I) Pvt.Ltd
Qua Water Technologies Pvt. Ltd
P.S. Automation INDIA Pvt.Ltd
Labotek Plastics Auxiliaries INDIA Pvt.Ltd.
Eureka Industrial Equipments Pvt.Ltd.



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