

**We are Transforming...**  
more agile, focused and futuristic.



***44 years of Innovation, Trust & Commitment***



## **GANESH QUALITY MACHINES PVT. LTD.**

Offering quality solutions to foundry world since 1978

Yadav - Sugar Factory Road, Tardal - Ichalkaranji - 416 121, Dist. Kolhapur, Maharashtra INDIA.

T : +91 230 2430228, 2425271 E: sales@ganeshfoundryequipment.com





## About Us

### Our Mission

**Ganesh Quality Machine Pvt Ltd** is a leading manufacturer of foundry equipment like Core shooter machines, Sand preparation, sand handling machines, metal handling, die casting and other process control projects and automation solutions.

We at **Ganesh Quality Machines Pvt Ltd** are focused on listening, understanding and analysis of different requirement of every customer. Combine it with many years of foundry industry experience and know how to provide the customer with most suitable, innovative and economical solution.

**Ganesh Quality Machines Pvt Ltd** creative solution not only helps our customer to solve particular problem but also improves the customers competitiveness among the whole industry.



# Company Activities



**Ganesh Quality Machines Pvt. Ltd.** now manufactures customized foundry machine in both shell sand and green sand.

In last few years we have strengthened our product portfolio with following products.

- **Foundry Core shop-One stop solution-Tooling and Core shooter**

Shell molding, Cold box core making and Co2 Core making machines.  
Weight range from 100 grams to 150 kg.

- **Resin sand coating plant**

Solid resin as well as Liquid resin. Complete Automatic plants.

- **Foundry Metal Handling area**

Ladles with weight range from 30 kg to 25 tons. Metal handling monorails.

- **Aluminum casting machines**

Gravity die casting machines Stationary as well as tilting type.

- **Foundry Sand Plant and Mould Handling System**



# Sales & Service Network

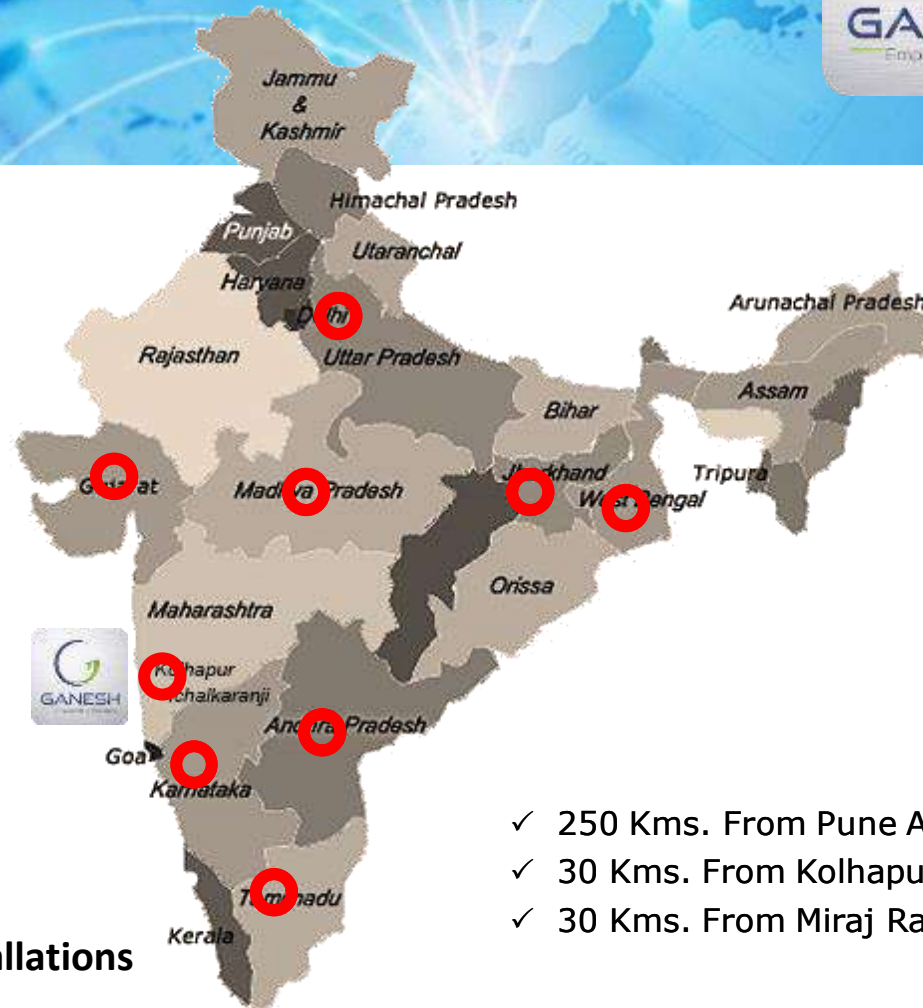


Our Agent Network is spread across major Industry cluster location –

Chennai, Coimbatore, Hyderabad, Kolkata, Jamshedpur, Ahmadabad, Belgaum, Indore And Delhi.

**So far we have served more than 2500 Customers.**

**Along with the Indian customer, Ganesh quality machines have installations in more than 15 countries.**



- ✓ 250 Kms. From Pune Airport.
- ✓ 30 Kms. From Kolhapur.
- ✓ 30 Kms. From Miraj Railway station.







## Some of Our Key Customers

- Tata Motors Ltd.
- Mahindra & Mahindra.
- Kirloskar Brothers Ltd. & Group.
- Force Motors,Pune
- Sundram Fasteners Ltd.
- Caparo engineering India
- Ennore Foundries Ltd.
- Kores India
- KSB pumps
- Brakes India Ltd.
- Sundram Clayton Ltd.
- Neosym India Ltd.
- Alicon Cast alloys Group
- Minda corporation Ltd.
- Ashok Iron works Ltd.
- Jai hind Industries
- Shriram foundry
- And Many Vendors of Above Companies.



## Achievements & Awards



**We have successfully installed following machines first time in India:**

- Automatic four station shell molding machines
- Flake resin sand coating plant
- Complete automatic resin sand coating plant

**For our Innovative products in foundry application we were awarded with**

- G. S. Parakhe industrial merit award
- National award (NRDC)



# Product Portfolio



**Core Making &  
Shell Molding**

**Resin  
Sand Coating**

**Die  
Casting & Centrifugal  
Lining**

**Melting &  
Handling**

**Sand Plant  
Equipments**

**Fettling  
Equipments**

**International  
collaboration**

**About Company**

**Contact Us**

# Shell Core Shooter - Table type model



**Core size** : Suitable for small cores  
**Core volumes** : Suitable for medium to large batches

**Corebox size** : 300\*300.

## Key Features:

Lowest footprint (Occupied area),  
Lowest cycle time  
Suitable for water jacket core.

[Click this to watch the machine working video](#)





## Shell Core Shooter - Roll Over Type



**Core size** : Suitable for small and medium size cores  
**Core volumes** : Suitable for small to medium batch sizes  
**Corebox size** : 300\*400, 400\*600

[Click to watch rollover type shell core shooter machine video on YouTube.](#)



# Shell Core Shooter - Top Shooting Type



Robust design, Fast cycle,  
Just Plug and Start

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**Plate size:**

200\*400 to 400\*600

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**Core size :**

Small to medium

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**Core weight :**

Upto 7 kg.

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**Optional:**

Core Tilting arrangement  
and core belter unit.



[Click to watch machine video on YouTube](#)



# Shell Core Shooter - Swing Door Type



Most popular machine,  
More than 150 installations.

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**Plate size:**

500\*700 to 1000\*1200

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**Core sizes :**

Medium to big cores

---

**Core Volumes :**

Medium to high

---

**Operation :**

Pneumatic, Hydrualic



[Click here to watch Swing door video on Youtube](#)



# Shell Core Shooter – Top Shooting with Roll Over



Most versatile machine,  
one operator operating 2 corebox .

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## Plate size:

400\*800,600\*900

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## Core size :

Medium to big cores

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## Core volumes:

Medium to large

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Most suitable for aluminium Die  
Casting Industry



The Core can be hollowed out  
easily hence decoring is easy

[Click here to watch Video of Top shooting  
with rollover machine on YouTube](#)





## Shell Core Shooter - Two Station Type



Extremely high productive machine,  
2 corebox one operator.

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### Plate size:

200\*600 to 400\*600

---

### Core size :

Small to Medium

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**Core Volumes :** Medium to high

---

### Optional:

core tilting arrangement  
and core take away unit.



[Click here to watch two station core shooter machine video on YouTube.](#)



# Core and mould Shooter Horizontal Parting Machine



## Advantages:

high mold strength.  
Less sand consumption.

## Plate size:

300\*400,400\*600,600\*1000

**Core/Mould Volumes :** Medium to high

**Core /Mould size :** Medium

- **Option:** Single station, Double station.
- **Optional:** Core unloader, Hydraulic operation



[Click here to watch horizontal parting core shooter machine video on YouTube.](#)



# Ganesh Shell moulding machines



- **Shell Moulding Machines** are available in Semi automatic and Fully automatic models
- For very high production almost 1 minute per mould **Four station shell moulding machines** are Preferred
- Shell fuser are also manufactured .



[Click here to watch shell moulding machine video on YouTube.](#)



## Cold Box Core Shooter – VCB 5



- Semi Automatic machine,
- Mounting plate size: 300\*200\*100
- Core weight: Max. 5 kg
- Parting type: Vertical
- Pneumatic Control
- Proven amine gas generation system
- PLC Control
- Cycle Time Around 1 min.



[Click here to watch GVCB5 coldbox core shooter machine video on YouTube](#)





# Cold Box Core Shooter – GUCB15



- Automatic machine,
- Mounting plate size:500\*400
- Core weight:Max.15 kg
- Parting type: Universal
- Pneumatic / Hydropneumatic
- Along with amine gas generation system
- PLC Control



[Click here to watch GUCB 15 coldbox core shooter machine video on YouTube](#)



## Cold Box Core Shooter – GCB25



**Parting type :** Universal parting

**Plate sizes :** 400\*700

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**Maximum Core weight :** 25kg

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**Advantage:**

Fast operation, Robust construction,  
Low amine consumption.

---

**Option:**

Core unloaders, auto blow plate & corebox  
clamping, suction blowers & enclosures

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[Click here to watch GCB 25 coldbox core shooter machine video on YouTube](#)



## Cold Box Core Shooter – GHCB40



**Parting types** : Horizontal  
**Plate sizes** : 500\*600  
**Maximum Core weight** : 40 kg

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### **Optional accessories :**

Core unloaders, core extractors,  
auto blow plate & corebox clamping,  
suction blowers & enclosures

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[Click here to watch GHCB 40 coldbox core shooter machine video on YouTube](#)



## Cold Box Core Shooter – GUCB 50.



- **Parting Type** : Universal

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- **Core Box Size:**

Vertical Parting : 400\*500

Horizontal Parting : 650\*500

- 
- Core Size : 20kg and above.

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### Optional accessories :

- Core unloaders, core extractors,
- auto blow plate & corebox clamping,
- suction blowers & enclosures



[Click here to watch GUCB 50 coldbox core shooter machine video on YouTube](#)





# Cold Box Core Shooter – GUCB 150.



- **Parting Type** : Horizontal
- **Core Box Size:**
  - Horizontal Parting :1050\*1050
  - Core Size : Maximum 150kg.

## Optional accessories :

- Core unloaders, core extractors,
- auto blow plate & corebox clamping,
- suction blowers & enclosures



[Click here to watch Video of GUCB150 Machine on YouTube.](#)



# CO2 CORE SHOOTER- GNB40



**Parting types** : Verticall  
**Plate sizes** : 550\*600  
**Maximum Core weight** : 40 kg

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## Optional accessories :

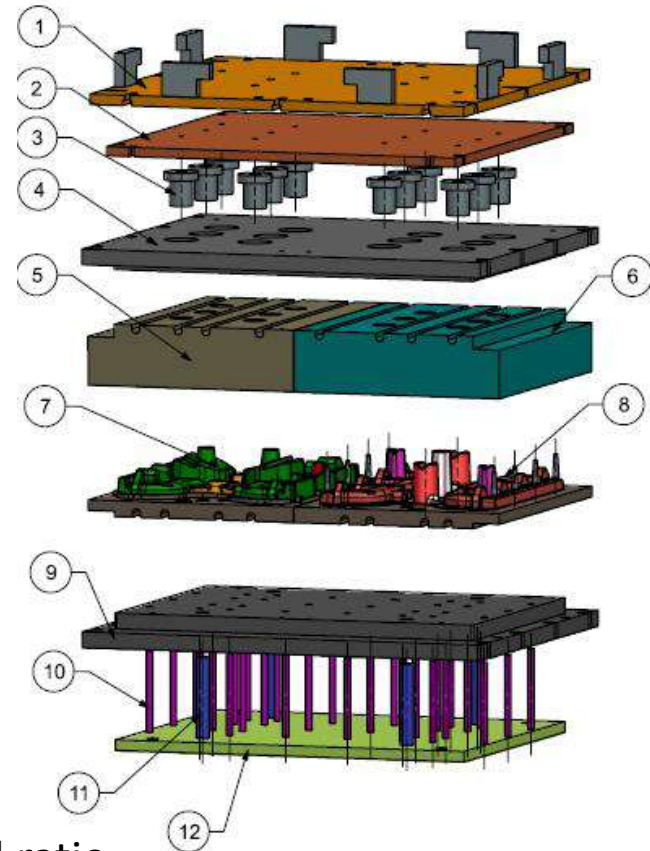
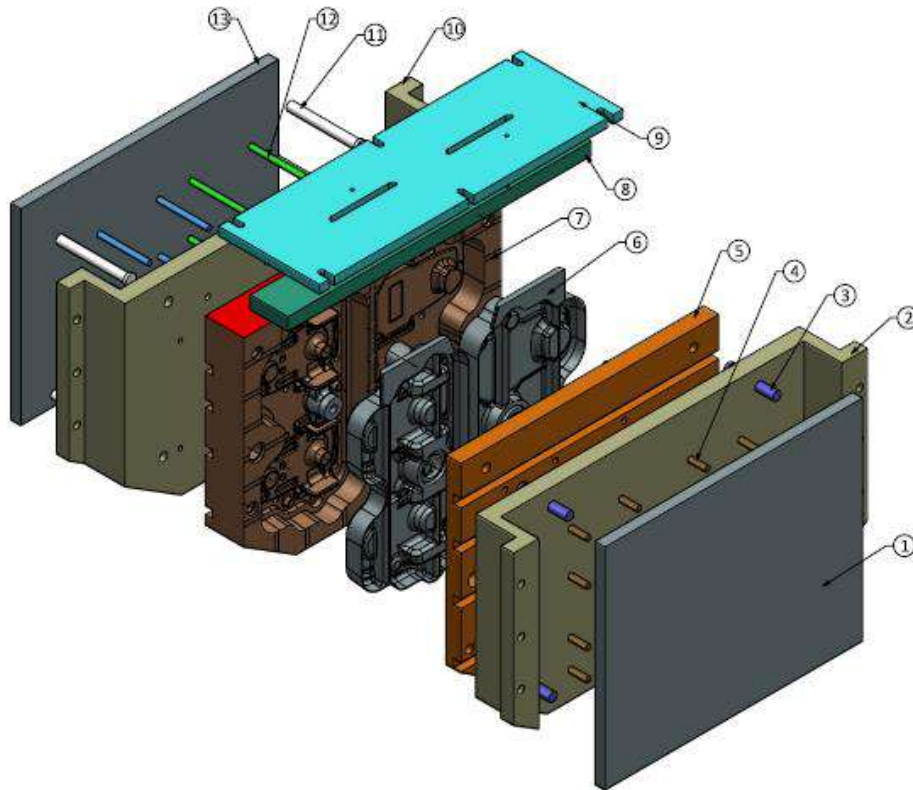
Core unloders,core extractors,  
auto blow plate & corebox clamping,  
suction blowers & enclosures

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[Click here to watch Co2 core shooter machine  
GNB 40 video on YouTube](#)



# Core box - Vertical and Horizontal Parting



Complete Consultation to optimise Sand to metal ratio and Component prove out.



# Automatic Sand mixing system for coldbox system.



- **Complete Turn key project**
- **Automatic Mixer: 100,200,300,500kg**
- **Special features :**
  - Automatic addition of additives,
  - Sand Weighing and batching system,
  - SCADA system
- Automatic Track line System.
- Direct transfer From truck to machine hopper
- No manpower required.
- Completely customised as per your layout.

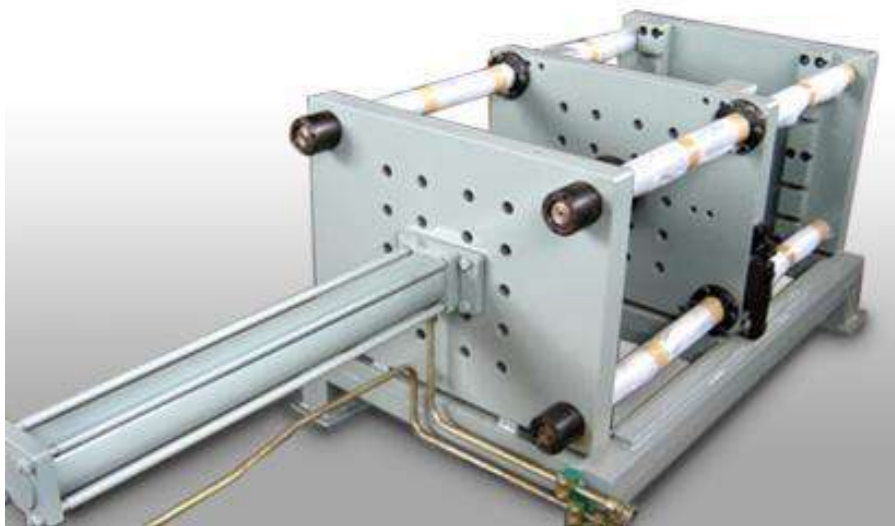




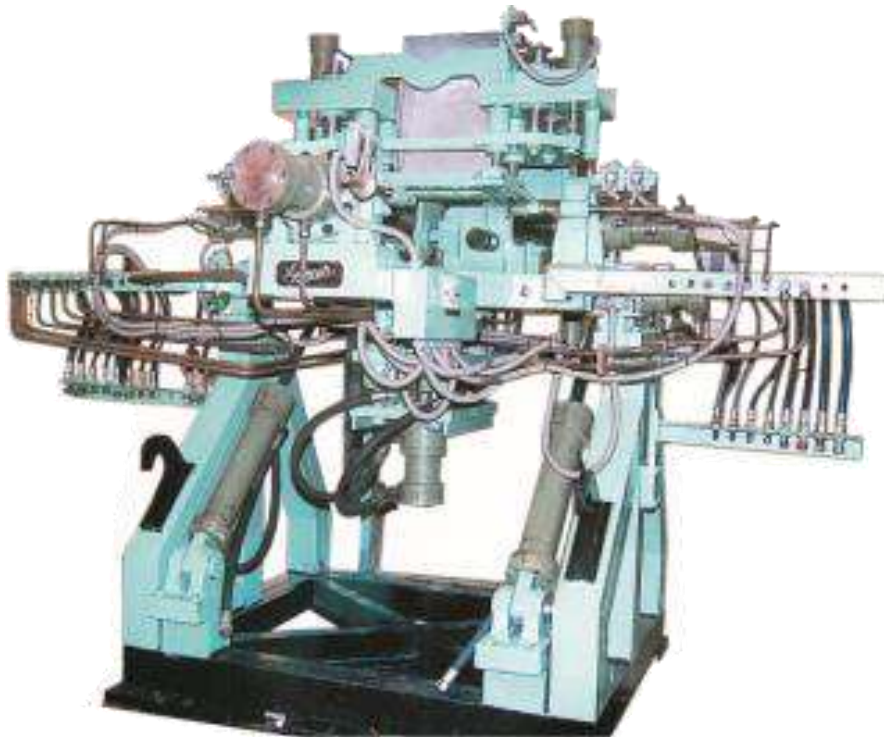
# Gravity Die Casting – Stationery Type



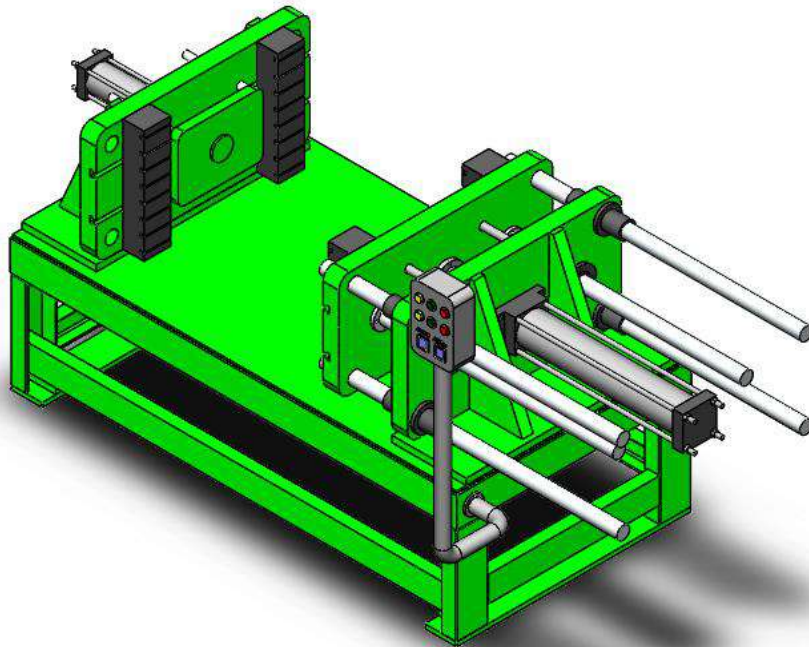
- Various plate sizes are available
- Single as well as Twin station machine can be Produced.
- Vertical and horizontal option.



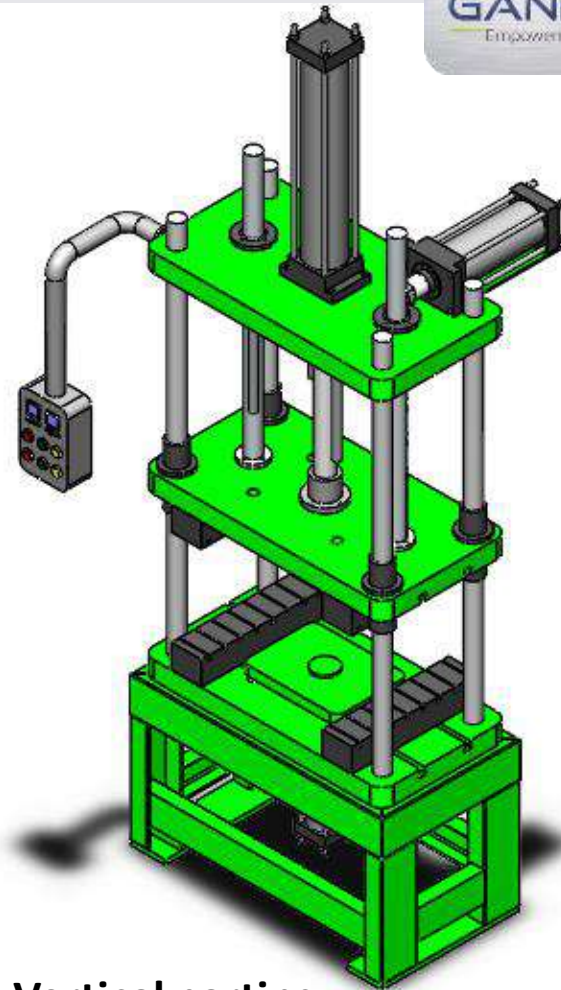
# Gravity Die Casting – Tilting Type



# Gravity Die Casting – Stationary Type



Horizontal parting

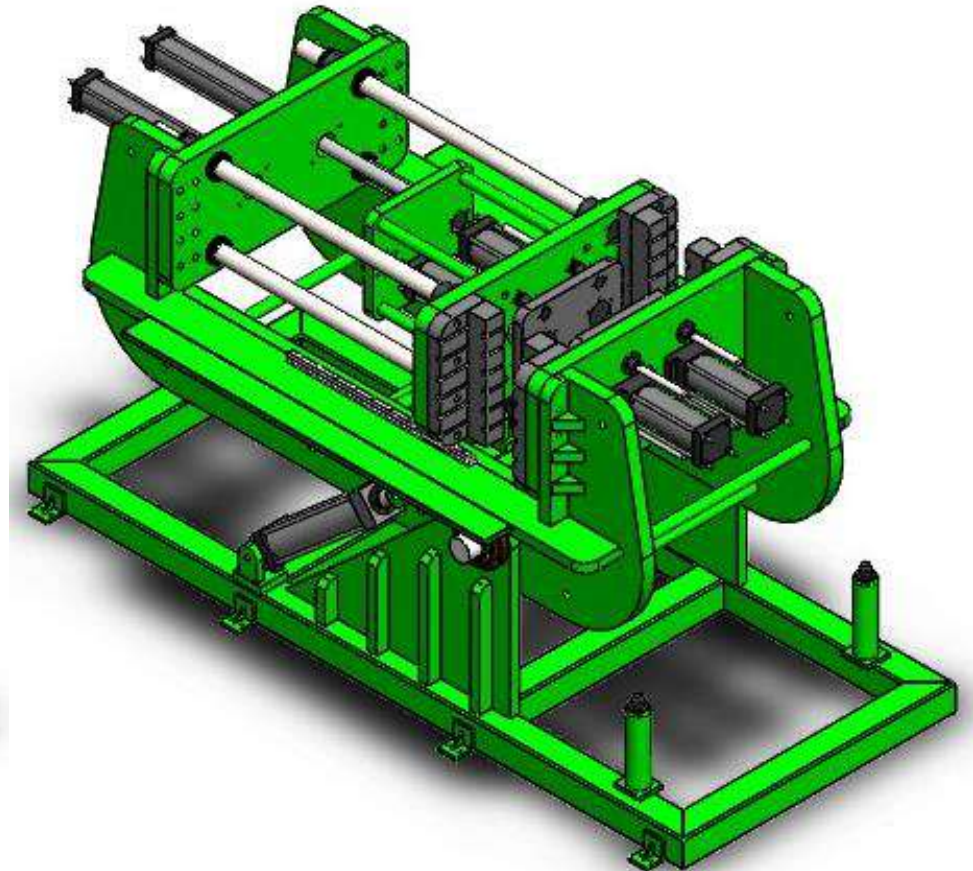
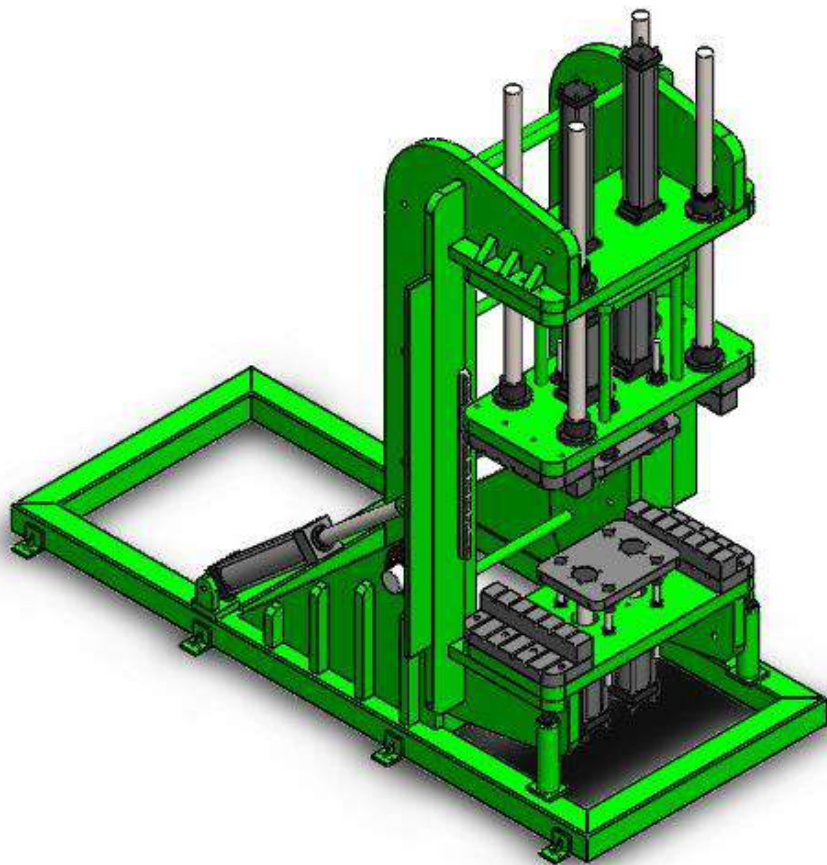


Vertical parting



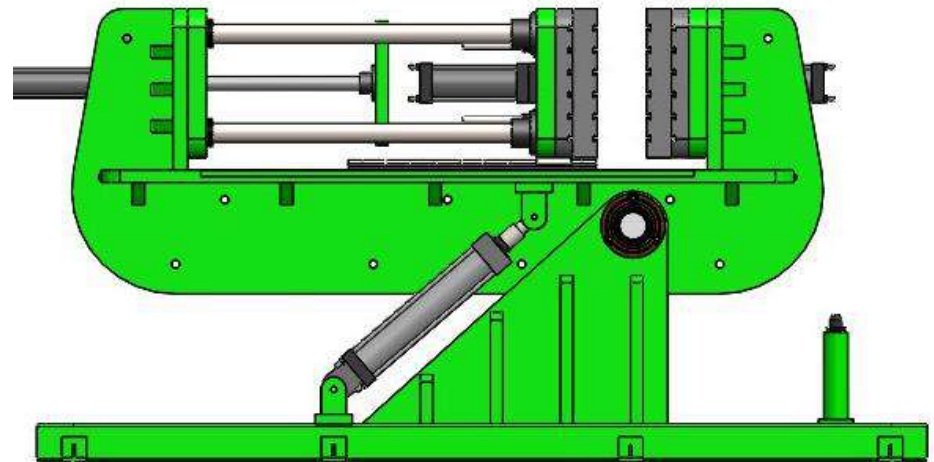
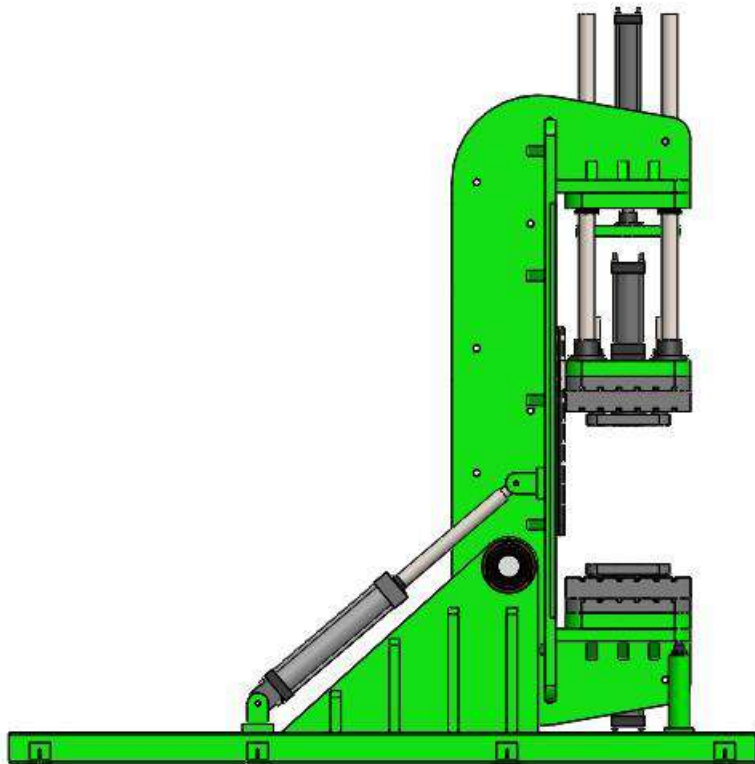


## GDC– Universal Type C frame Structure

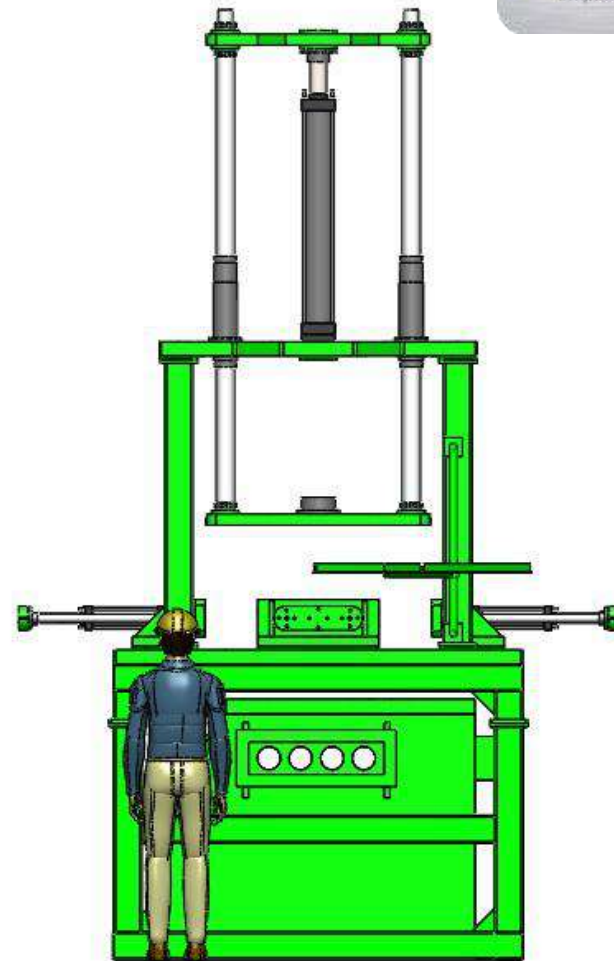
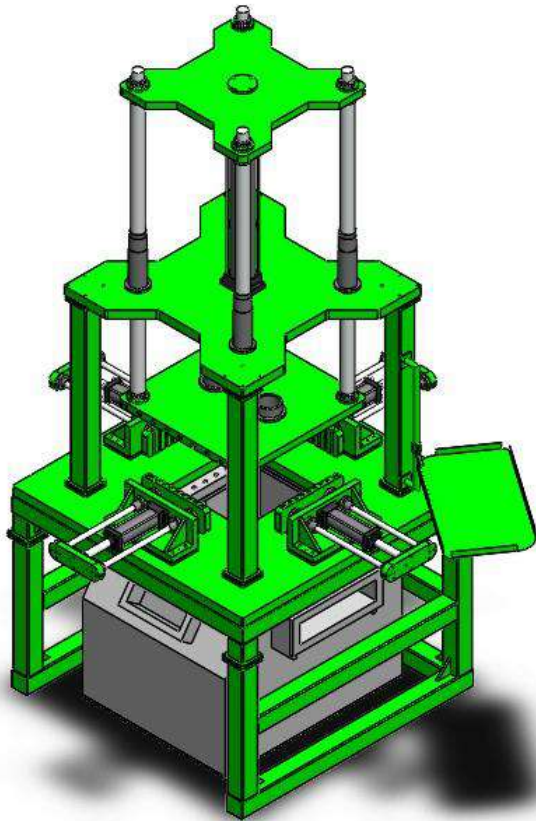




# GDC– Universal Type C frame Structure



# LPDC Machine



# Centrifugal Liner Machines



[Click here to Watch video of Centrifugal Liner Machine on YouTube](#)



# Mould Handling Equipments



## • Total Range Of Products:

- Pallet cars
- Moulding boxes and accessories
- Moulding track lines
- Transfer trolleys
- Ladle monorail and bi-rails
- One Stop solution for all needs.
- Plant lay out design



[Click here to watch our range of products of mould handling and metal handling on YouTube](#)





# Foundry Ladle



BOTTOM POURING , 300 KG TO 25 TON



LIP POURING, 50 kg to 100 kg.



S.G.IRON TREATMENT UPTO 3 TON



T SPOUT UPTO 3 TONS



LADLE HANDLER, 1 TON CAPACITY



BIG LADLES WITH BAIL UPTO 25 TON



# Foundry Ladle



[Click here to watch video of heavy duty metal handling ladles on YouTube](#)



# Fettling Equipments



SWING FRAME GRINDER  
SIZE:12 INCH TO 24 INCH



KNOCKOUT 500 KG TO 10 TON



SNAGGING GRINDER  
SIZE:12 INCH TO 24 INCH



TUMBLING BARREL



WASTE SAND CONVEYOR WITH MAGNETIC SEPARATOR





# Sand Plant Equipment-Green Sand



Intensive Mixers:Capacity:100 kg to 1 ton



Belt Conveyors With Ploughs



Sand hoppers : 500 kg to 100 ton & Bucket elevators



Sand coolers : 5Tph to 20 Tph





# Sand Plant Equipment-Shell Mold



**One stop solution for Shell moulding Foundry- Part To Plant**

**Tooling-Resin sand coating plant-Core Shooters-Plant Layout- Mould Handling-  
Pouring-Metal Handling- Thermal Sand reclamation**



# Resin Sand Coating Plant



**Resin Type** Solid & Liquid

**Capacity**

100 , 200, 300, 500 (kg/batch)

**Options :**

Semi Automatic , Fully Automatic

**Special features :**

- Automatic addition of additives,
- Sand Weighing and batching system, Complete turnkey project
- SCADA system

**Achievements:**

- More than 100 installations, Export to many countries



# Resin Sand Coating Plant



## Success Stories

- Installation of first resin sand coating plant way back in 1990, the plant still working efficiently with 300 tons per month
- Installation of Fully Automatic sand Coating Plants in Tata Motors,
- Sundaram Clayton, Forace Polymers, Indo shell
- Exports of fully automatic flake resin sand coating plant
- Complete turn key project and consulting

## Supporting Equipments

- Sand Weighing and batching system
- Sand Drier 1ton to 5 ton
- Sand Handling equipments –
- Belt conveyors, Bucket elevators
- Lumps Breaker
- Pneumatic Conveyors
- Portable Sievers
- Gas Heating Unit



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more agile, focused and futuristic.



- Email : [sales@ganeshfoundryequipment.com](mailto:sales@ganeshfoundryequipment.com)
- Cell : +91 9527688282, +91 9850826502 +91 9049298282
- Factory : Ichalkaranji ( Kolhapur)
- Pune office : Kothrud
- Sales Agents : Chennai, Ahmedabad, Rajkot, Kolkata, Delhi
- [Click here to Watch our videos on YouTube](#)







## International Collaboration



F.A.T.-GERMANY

*THERMAL RECLAMATION  
SYSTEM*



TREBI-ITALY

*ROBOTIC FETTLING  
SYSTEM*



SKAKO-DENMARK

*VIBRATION EQUIPMENT*

