



# METACAST

**Mfrs : Gravity Die Casting, High Pressure Die Casting & Sand Casting**

FACTORY/OFF. PREMISES AT: GR. FLR., BLDG. DOOR NO. 20, 5 CRS ROAD, SLV IND. AREA  
8TH MN. ROAD, THIGALARAPALYA MAIN ROAD, PEENYA 2ND STG., BANGALORE CITY, CODE NUMBER - 560058, NEAR TO BUS STOP

**We offer a wide range of casted components of Aluminium by Gravity Die Casting, High Pressure Die Casting, Sand Casting processes.**

**We also undertake Dynamic Balancing job works.**

## GRAVITY DIE CASTING FEATURES:

- ★ WE ARE CAPABLE OF PRODUCING CASTINGS UP TO 25 KG.
- ★ QUALIFIED RADIOGRAPHY TEST.
- ★ TOLERANCES LESS THAN 0.5mm CAN BE ACHIEVED.
- ★ CAN WITHSTAND MORE THAN 200 BAR PRESSURE.
- ★ SURFACE ROUGHNESS THAN 20 MICRONS IS ACHIEVABLE.



## SAND CASTING FEATURES:

- ★ WE MANUFACTURE NO-BAKE AND Co2 TYPE.
- ★ WE ARE CAPABLE OF PRODUCING CASTINGS UP TO 100KG.
- ★ BEST SUITED FOR PROTOTYPES LOW BATCH QUANTITIES.
- ★ MINIMUM WALL THICKNESS OF 4-5MM CAN BE CASTED.



## HIGH PRESSURE DIE CASTING FEATURES :

- ★ WE ARE CAPABLE OF PRODUCING CASTINGS UP TO 750g.
- ★ TOYO MAKE, 180 TONNE CAPACITY MACHINE.
- ★ SURFACE FINISH LESS THAN 5 MICRONS.
- ★ EXCELLENT FOR HIGH VOLUME PRODUCTION.





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## FOUNDRIY FACILITY :

### MELTING :

CRUCIBLE TYPE ELECTRIC FURNACE USING SILICON CARBIDE HEATERS  
WITH STATE OF THE ART TEMPERATURE CONTROL FOR MAINTAINING  
OPTIMAL MOLTEN METAL TEMPERATURES.



### CNC MACHINING :

#### VERTICAL MACHINING CENTER



X/Y/Z TRAVELS : 800/450/500 mm  
24 TOOLS ATC, BT 40 TOOL SHANK  
SPINDLE SPEED : 10000 RPM, DIRECT DRIVE

#### CNC LATHE



SWING OVER BED : 640 mm  
MAXIMUM TURNING DIA : 580 mm  
MAXIMUM LENGTH : 800 mm

Contact us :  
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