

Shell Molded Cast Iron & Ductile Iron Castings Manufacturer in India



About Raysons Group



Greetings from Raysons Group

A well diversified business conglomerate based in Kolhapur, India involved into Manufacturing of Resin Coated Sand , Foundry (Shell Moulded Castings) . Real Estate Development , Constructions (Builders and Developers) , Hospitality , Wind Energy Generation , Retail business (Shopping mall).



Raysons Group Companies





Raysons Shell Cast

Raysons Shell Cast is a leading manufacturer of Cast Iron & Ductile Iron Shell Moulded Castings for various industries like Automotive , Railway , Pumps , Valves , Agriculture , Pneumatic , Hydraulic , Earthmoving and Electrical Mobility. The State of the art foundry is established in 2021 with integrated technology to provide customers solutions to meet todays challenging supply cycles with optimum quality.

The shell moulding process is a precision sand casting process capable of producing castings with a superior surface finish and better dimensional accuracy than conventional sand castings. These qualities of precision can be obtained in a wider range of alloys and with greater flexibility in design than die-casting and at a lower cost than investment casting. The fundamental feature of the process is the use of fine-grained, high purity sand that contributes the attributes of a smooth surface and dimensional accuracy to moulds cores and castings alike.





Manufacturing Facilities

Casting The Future With Quality



The Company continuously undertakes modernization activities to improve on its quality and productivity. With a solid infrastructure in place, and an environment fully embracing new technologies, we are supplying indigenous products to quality-conscious customers.

- ☞ **Electrotherm Make 500 Kgs Induction Furnace (550 kW)**
- ☞ **5 Ton per hour Resin Coated Sand Plant**
- ☞ **Well Equipped Sand testing Laboratory (AFS, HTS, CTS , LOI, Stick Point ,Peel Off etc),**
- ☞ **Fully automated Shell Core Shooters Ranging from Size 400 mm up to 600 mm (25 Kgs) ,**
- ☞ **Automated Shell Moulding Machine Size 400mm X 600 MM (40 Kgs)Capacity,**
- ☞ **Material Handling Cranes 5MT , 2MT capacity,**
- ☞ **Fully Automatic Shot blasting machine (tumble blast) 0.5 MT capacity,**
- ☞ **Inhouse Casting Fettling & Finishing Facility .**
- ☞ **In House Pattern Rectification Facility and Allied Pattern Manufacturing Facility very near to Factory,**
- ☞ **Well Qualified and Experienced ,Quality Focused & System Oriented Team.**
- ☞ **Ready to deliver Quality Castings within Specified Time limits.**



TESTINGS

- Spectrometer (Bruker Q2 Ion)
- Image Analyser (Microscope Metalsoft)
- Sand Lab
- Hardness Tester
- CE Meter
- Measuring Instruments
- Crane Scale
- Core Testing







Infrastructure



Shot Blasting



Core Shooter



Knockout Machine



Universal Testing Machine



Products





THANKS!



RAYSONS SHELL CAST

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