

Our Products

Machine Moulding – Green Sand Process (1 kg to 70 kg)



Hand Moulding – Furan Process (250 kg to 2000 kg)



Our Valuable Customers and End-Users



PSG Trust - Group Institutions

A Carbon Neutral Organization

PSG Institutions is a 'Carbon Neutral Organization' that runs on 95% green energy.

Through Solar PV, Solar Water heating system and Wind energy, the emission of green house gases is greatly reduced.



- PSG Sarvajana Higher Secondary School
- PSG Industrial Institute
- PSG Polytechnic College
- PSG Primary School, Vedapatti / Peelamedu
- PSG College of Arts & Science
- PSG College of Technology
- PSG Rural Health Care Center, Vedapatti / Neelambur / Vellalore
- PSG & Sons' Charities Metallurgy & Foundry Division
- PSG Institute of Medical Sciences and Research
- PSG Hospitals
- PSG Center for Sponsored Research and Consultancy
- PSG Center for Non-Formal and Continuing Education
- PSG Institute of Management
- PSG College of Nursing
- PSG College of Physiotherapy
- PSG College of Pharmacy
- PSG Public Schools
- PSG High School, Vedapatti
- PSG Institute of Advanced Studies
- PSG Children's School
- PSG Vishnugrathi
- PSG Institute of Technology and Applied Research
- PSG Center for Academic Research and Excellence
- PSG Software Technologies
- PSG Institute of Architecture and Planning
- PSG Convention Center



PSG & SONS' CHARITIES METALLURGY & FOUNDRY DIVISION

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ACEDATA, Coimbatore



PSG & Sons' Charities Metallurgy and Foundry Division

COIMBATORE, TAMIL NADU
PIN - 641 062. INDIA



Manufacturers of

- Ductile Iron,
- Grey Iron and
- Alloy Casting

About Us

PSG and Sons' Charities at Coimbatore established the foundry division in the year 1974, to cater to the engineering industries in India and abroad. With its wide range of sophisticated grey iron, SG Iron (nodular /ductile) and Hi-Chrome Iron castings of high quality, the PSG foundry has carved a niche for itself in the Indian and global market.

Our Foundry includes state of the art high-pressure automated moulding line - SINTO FBO-III along with Auto Pouring System and DISA Flex 70, EIRICH Sand Plant, Furan sand System with OMEGA Continuous Mixer, Cold Box Core Shooters, Spectrometers, Image Analyser, RHINO Reclamation Plant, 3D Scanning (GOM Scan-1 - Zeiss), Ultrasonic Testing Machine & Auto Cast Simulation's.

With unstinted commitment towards high standards in quality and reliability, the ISO 9001:2015, ISO 14001:2015 & IATF 16949:2016 certified foundry has been well recognized in the domestic and international arena.

Products

- Grey Cast Iron Castings - FG 200, 220,250,260 & 300
- SG Iron Castings-SG 400/12, 400/15, 400/18, 450/10, 450/12, 500/7, 550/6, 600/3 &700/2
- High Chrome Iron Castings

Achievements



Best Supplier
FY22 by
Makino



Best Supplier
NPD FY20-22 by
ZF Rane



Best Supplier Delivery
FY20-22 by
Rane Madras



Best Supplier NPD
FY20 by
Rane Madras



Best Supplier NPD
& Ramp up FY21 by
Automotive Axles

Vision

We strive to be the most preferred suppliers of Ferrous Castings in Automotive, Textile and Other Engineering Sectors depending upon the emerging need of the market with continual improvement.

Mission

- To Interact, Understand & Excel in meeting customer needs.
- To develop long-term business relations with its customers.
- Focus on continuous improvement to our customers, Employees and the Society.
- Strong, Mutually beneficial partnerships with Suppliers / Subcontractors.
- Technological upgradation of processes.

PRODUCTION FACILITY

Sand Plant & Reclamation Unit



Make: **Eirich Mixer** Model: RV-19
Sand Mix Tons/hr: 26. Qty: 2 nos.



Make: **Rhino**
Capacity: 3 TPH. Qty: 1 no.



Make: **SINTO HPML**
Cake Size: 508 x 660 x 200 / 200 mm
Prodn Capacity: 100 Moulds/hr. Qty: 2 No.



Make: **DISA Flex 70 HPML**
Cake Size: 900 x 700 x 250 / 250 mm
Prodn Capacity: 20 Moulds/hr. Qty: 1 No.



Make: **Omega Continuous Mixer**
Furan (Single pc - 1.5 t)
Prodn Capacity: 20 Tonnes / hr
Qty: 1 No.



Melting

Make: **INDUCTOTHERM**
Capacity: 1750 kW - 1 Ton x 3 crucibles
3750 kW - 1 Ton x 3 crucibles
850 kW - 1 Ton x 2 crucibles



Core Shop

- **Multiple Parting** (GS Make) 10 kg 1 No.
- **Vertical Parting** (COMPAX Make) 10 kg 1 No.
- **Horizontal Parting** (SELVALAKSHMI Make) 5 kg 1 No.
- **Vertical Parting** (COMPAX Make) 5 kg 2 Nos
- **Vertical Parting** (COMPAX Make) 3 kg 1 No.
- **Vertical Parting** (Single station - Selvalakshmi Make) 5 kg 1 No.
- **Vertical Parting** (Three station - Selvalakshmi Make) 15 kg 2 Nos



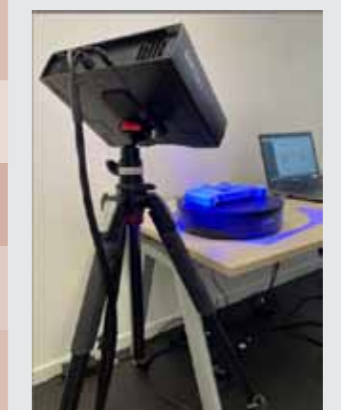
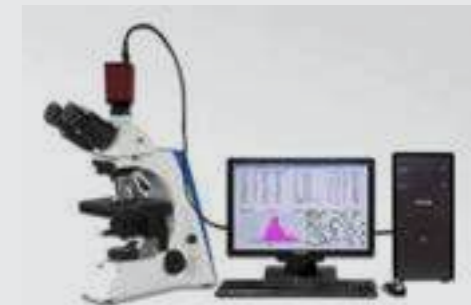
Fettling



- 1 Ton Hanger Type Shot Blasting Machine - VP 18 (DISA Make)
- 1 Ton Hanger Type Shot Blasting Machine - Gostol TST
- 500 Kg Thumb shot Blasting Machine - SAE
- 500 Kg Hanger Type Shot Blasting Machine - VP 14 (DISA Make)
- 500 Kg Hanger Type Shot Blasting Machine (SSEC Make)
- Hydraulic Wedge Breakers for Gate cutting (Vivega Make) 2 Nos

Quality

- Optical Emission Spectro meter (Spectro LAB)
- Brinell hardness Testers
- Tenso Meter
- Universal Testing machine
- Rockwell Hardness Tester
- Portable Hardness Tester
- Microscope with Image Analyser
- 3D Scanner - ZEISS GOM Scan 1
- Ultra Sonic Testing Machine
- Fully equipped sand testing lab



Casting Weight Range: 1 kg to 2000 kg

Annual Production Capacity: 12,000 Metric Tons

