

Steel Casting

Integrated Suite of Modules

Horizontal Modules

- Enterprise Manager
- Consolidation
- Financials
- Fixed Asset Management
- Materials
 - Procurement
 - Inventory Management
- Sales and Distribution
 - Order Processing
 - Billing and Dispatch Logistics
 - Carrier / Transporter Management
- Production and Costing
- Production Planning and Control
- HR & Payrol
- Data Export and Import

Industry Specific Vertical Solutions

- Warehousing
 - Procurement Planning
 - Dispatch
 - Pattern Management
- Production
 - Production Planning and Scheduling
 - Sand Plant
 - Induction Furnace
 - Cupola
 - Casting
 - Inspection
 - Testing

Optional Modules

- Corporate Dashboards with Key Performance Indicators
- Document Imaging / Storage and Retrieval
- Web based Reporting Services
- Excise / VAT
- Export Management

Highlights

- Define your own Production Process
- Multiple Formulations, Flavor and Color Testing
- Process Loss
- Consumer Scheme and Trade Scheme
- Maintenance of MRP and Manufacturing Month wise Stock
- Material Requirement Planning
- PDA / Handheld based Sales Force Automation for capturing of Secondary Sales Data
- Geographical or Regional Analysis
- Multi Unit Production Planning
- Handling of Banner, Brand, Product, Variant
- Low Cost Data Transfer

Details of Modules

Procurement Planning :

The Casting industry is often characterized by a number of manufacturing or sub contractor units doing the manufacturing for one company which is doing all the selling and dispatching. Hence it is absolutely essential to know the stock of all the units who are doing the manufacturing and to be able to decide where to do the ordering from.

Production Planning

The production planning system ensures that the system maintains a track of the work being done on the shop floor, which products are scheduled for production so that the customer can be accurately told about the expected time of delivery of the various orders that have been placed. It will maintain a day wise planning of what items are to be cast when.

Thorough Quality Control and Traceability of Raw Materials and Finished Goods.

Finished Goods Testing

The ability to do testing of various categories and maintain records and traceability of the same. This is specially required because customers often want the test records heat number wise and to do that it is essential to maintain records for each Heat Number. The various kinds of tests which are being covered by the software are : Load Test, Class 35 Test, Weight Test, Test Bar, Visual Inspection, Patrol Inspection etc.

Raw Material Testing

The raw material testing is essential to maintain track of the various parameters of the raw materials used in manufacturing. These are done for Pig Iron, Sand, Coal Dust, Graphite, Hard Coke.

Dispatch :

The detailed process of Generation of Plan of Loading, Despatch Advice generation, Patrol Inspection, Consignment Inspection, Preparation of Statutory Formats like ARE 1,

Core Preparation, Mould Preparation

Core box preparation, the cost of core preparation, additives used.

Melting Shop

Melting Analysis

Machine Shop Analysis

Rejection Analysis

Pattern Tracking and Maintenance

Dispatch Planning

- Pipeline Stock
- Preparation of Plan of Loading
- Patrol Inspection
- Consignment Inspection
- ARE 1
- Customer wise Stock

Sample Management

- Sending Samples
- Sample Feedback