



Enterprise Solution for Spinning & Weaving Mills



An ERP Product for Textile Industry

Intro

Cherrytec with a very good understanding of the business practices in Textile industries, has designed and developed the revolutionary Enterprise Resource Planning software – Nebula that can automate the transactions, plan your production, execute the plan, track material movements and do a lot more.

Nebula is developed by a team of ERP professionals who have rich functional experience in different industries/functional areas. Nebula has been designed to handle a wide range of spinning industrial problems in a flexible way. Nebula provides support in answering the everyday questions faced by the Production Heads namely

- ✓ What do I need to make or buy?
- ✓ How much do I need to make or buy (based on my lead times)?
- ✓ When do I actually need to make or buy this material?
- ✓ Where do I need to have this material located to satisfy the requirements?

As the processes are automated, you can have better control every activity in your organization, which in turn results in better productivity and lower cost of production

The system can check your existing stock and create the necessary purchase orders, if required. Implementation of the Nebula solution at your spinning mill or weaving mill does not involve heavy hardware investment. In majority of the cases, it can run on your existing set up with minor up gradation.



Business Benefits

Some of the key benefits include

- ✓ The optimization of cotton flow
- ✓ The coordination of plant, department, and work center operations
- ✓ The dramatic improvement of supply chain communication and collaboration
- ✓ Reduce Order Cycle Times
- ✓ Improve Utilization of manpower and equipment
- ✓ Reduce warehouse-operating costs
- ✓ Improve inventory accuracy
- ✓ Reduce Shipping costs
- ✓ Enhance Order Tracking Capability
- ✓ Optimize use of consumables/spares
- ✓ Flexibly Manage the Order Fulfillment Process
- ✓ Improve Operational Decision Making
- ✓ Maximize Resource Utilization

Features

SD (Sales & Distribution)

Domestic Sales

Getting orders, invoice and other legal documents preparation, etc. can be organized with this module.

Export Sales

Getting orders, invoice and other legal documents preparation, etc. can be organized with this module.

Waste

Production Waste Packing and Theses waste sales or Reissue for Production that are covered in this module.

Domestic Packing

Storing, accounting and packing of the finished goods in various formats as per customer requirements etc. are covered in this module.

Supply Chain Management(SCM)

Stores

Enquiry, quotations, comparative evaluation, approvals, order, receiving, Maintaining and issuing the various spares and Consumables etc. are Cover in this module.

Raw Material

Receiving and accounting of raw materials, issuing them for production etc. are covered in this module.

Purchase

Purchase Requisition Creation. Purchase Order Creation. Creates orders based on the Materials Requirement Planning. While creating the purchase orders, the system indicates the on hand stock available



Production Planning

Count Master Setting

Production is based on the count. Count is the product type. This module is used to Store the Count details for the spinning unit.

Spin Plan

Planning for optimal usage of various machines to have maximized production and to fulfill all the orders in time, etc. can be managed in this module.

Production

There are three types of processes involved in production :

Preparatory

Preparatory is the sequence of processes used to prepare the yarn for fabric Formation like cleaning, combing, etc... In this module to give the Manpower allotment for every shift, production calculation and machine stoppage details.

Spinning

Spinning is the manufacturing process whereby loose fibres are formed Into a rope configuration of a specific size and twisted into a yarn bundle. This module should give manpower allotment for each shift and hank reading, calculation of production, wastes and machine stoppages shift-wise, etc. are taken care of in this module.

Post Spinning

Post Spinning is the final step in the production of yarn. The twisting of the sliver or roving. In this modules calculation total weight produced for each shift wise and count code, Waste details.

Quality Management(QM)

Sample Rawmaterial Testing

Sample Raw material received from suppliers and test is made for these samples like strength, maturity and etc...

Rawmaterial Testing

Testing and analysis of raw materials what received from suppliers and it will check with sample testing

Quality

Analysis of work in progress and finished goods, etc. can be done using this module

Yarn Realization

In this module to calculate the actual stock weight remove from tare weight. The stock details in pre spinning process contain mix code, reserve stock, running stock, tare. The stock detail of spinning and post spinning process contains count code, stock point code, stock.

Maintenance & Utility

Maintenance

Machine master, preventive maintenance master, carrying out maintenance activity based on preventive maintenance schedules, maintaining equipment history etc. are the hallmarks of this module.

Power Utility

Monitoring the usage of steam, power during production, etc. are monitored in this module.

HR

Maintaining Employee and contract Labor's information, their attendance and leaves, loans, production incentive, payroll, Preparing statutory documents, renewing licenses etc. can be well maintained and easily accessed using this module.

Finance

Journal Posting, Cash Book / Bank Book / Asset register Maintenance, Bank Reconciliation, Cash / Fund Flow Statement, trial Balance, P & L Account, Balance Sheet, etc are covered in this module.

MIS Reports

These are the MIS Reports like Utility Power Consumption Report, Rawmaterial Stock Statement Report, Stores Consumption Report Sales Report, Spinning Production Utilization, Stoppage Analysis Report, Aging Analysis Report, Costing Report etc... available



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