



ATWSPL
Simplifying Systems
[Since 1997-98]

'TOPSPIN ERP'
[Exclusively For Textile Spinning Industry]

List of TOPSPIN ERP Integrated Modules:

CUSTOMER RELATIONSHIP MANAGEMENT [CRM]

- Marketing & CRM

SUPPLY CHAIN MANAGEMENT [SCM]

- Fiber Purchase
- Store Purchase
- Production & Production Monitoring
- Production Support Service Modules
 - SQC
 - Maintenance Management
 - Engineering Management [Power Consumption]
- Sales
- Financial Accounting
- Managerial Accounting
 - Budgeting
 - Costing & Cost Sheet
- Inventories

HUMAN RESOURCE MANAGEMENT [HRM]

- Human Resource Management

MANAGEMENT CONTROLS

- Variance Analysis [Monthly budgeted Vs Actual Figures Auto-prepared Comparison]
- Management Information System [Auto-Prepared Monthly MIS]
- Business Intelligence Reports
- Decision Support System

B. Individual Module Functionalities In Brief

CUSTOMER RELATIONSHIP MANAGEMENT [CRM]

1. Marketing & CRM:

Marketing: Price basis & INCOTERMS, payment terms interest/ discount

Sales Contracts: Export & domestic, sample sale, second quality & alarm materials

PO & DI: Create production orders, issue dispatch instructions

CRM: Customer wise shipment tracking [Selecting country/state/district/station and then customer wise contracts down to production status, dispatches and pending quantities, debtors and statement of a/c. Top selling yarn products [Counts with endues]. Delivery commitments considering current running production and number of R/F those can be engaged as per market requirements, Tracking lot wise complaints from market right from packing down to corresponding quality at different stages of production [Autoconer to Mixing] including labor deployed over group of m/c. View customer info like address and contact details.

SUPPLY CHAIN MANAGEMENT [SCM]

2. Fiber Purchase:

Analyze fiber requirement, create & amend bargain [fiber purchase contract], gate entry rawmaterial, create bill register r/m, fiber deduction memo, fiber approval / rejection & issue fiber gate pass, prepare materials receipt report [MRR/GRN], create credit/debit notes, use 'Mixing DashBoard' for count and end use wise fiber selection considering selected fiber inventory, landed cost and fiber characteristics [FQI] to arrive at optimum mixing cost, prepare material requisition, issue fiber and view fiber inventory [in number of bales, Kg and value in Rs.]

3. Store Purchase:

General: Item set-up, create item category, create item groups, create oem specification, create store items.

User Department: View indent, view requisition.

Store Purchase: Float Enquiry, Receive Quotation, Prepare Comparison Chart.

Place Order: Create & amend order, make follow-ups, store, issue store material, gate entry store materials.

Import: Bill Of Entry [Imports], Agent Invoice, Create Import Physical Receipt, Approve Material, Approve Import Material, import purchase MRR, Issue Credit / Debit Note [Store]

Domestic: Bill register, create physical receipt including shortage, breakages, approve material, issue credit / debit note [store], domestic purchase MRR, utility service bill, issue gate pass, receive material against returnable gate pass [RGP], issue material on loan, receive material against loan.

Capital Purchase: List of capital purchase

Work Order Management: Create memo, issue gate pass, float enquiry against memo, receive quotation against memo, create work orders, payment request, payment detail against work order, receive material against returnable gate pass [RGP], work order bill register / PI /service / AMC / installation bill

4. Production & Production Monitoring:

Production:

create and group machineries, create process flow, production configuration, locate meter status,

Budget: Production budget, count wise standard production norms, labor deployment over group of machines.

Production recording: Update mixing number, create lot, record production from carding to autoconer.

Detentions: Create detention groups, create detention types, bench mark detention, record detentions preparatory S/F & R/F & OE Winding & TFOT.

Winding fault analysis: Create winding faults, bench mark drum problem, record count & lot wise fault rechecking, daily winding faults, record winding cuts & ARLT details.

Waste Management: Create waste group, create waste product, record wastage, convert [usable/sellable] waste, pack sellable waste materials.

Packing: Pack fresh material, pack alarm materials, pack second quality materials and pack samples.

Sale returns: Create sale return lot and reprocessing of lots.

WIP: WIP blow room, process, loose stock and WIP packing material.

Manage Store: Indent creation, item requisition.

5. Production Support Service Modules:

a. Statistical Quality Controls [SQC]

b. Maintenance Management

c. Engineering Management [Power Consumption]

6. Sales:

Yarn Export Sale: create foreign agent commission, direct export sale, create LC, create export packing list (plant), create export invoice (plant), create export packing list (commercial), create export commercial invoice, shipment details check list for cha, check list for export, conduct lead time analysis

Yarn Deemed /Merchant Export: create deemed packing list, create export invoice,

Yarn domestic sales:

Direct sale / fresh yarn sale, create domestic [DTA] packing list, create DTA invoice,

Domestic sales: Direct Sale / Second Quality & Alarm Material Sale: Create packing list, create invoice

Consignment Sale: Consignment packing list, consignment invoice.

Sample Sale: Create sample packing list, create sample invoice

Waste Sale: Organize waste contract, issue waste dispatch instructions, create waste packing list, create waste invoice

Raw materials Sale: Create raw material, packing list, create raw material invoice

Scrap Sale: Create items for scrap sale, create scrap packing list, create scrap invoice

Captive Consumption: Captive consumption invoice

Sale Return Sale: Create sale return packing list, create sale return invoice

Debit / Credit Notes: Issue credit note towards rate difference, issue credit note against sale return, issue, credit note towards weight difference, issue debit note against rate difference, issue debit note towards, weight difference

Issue yarns For Knitting/Weaving

7. Financial Accounting

Maintenance Of A/C Book: Create groups, create ledgers,

Create Vouchers: Cash payment voucher, bank payments voucher, cash receipt voucher (CR), bank receipt, voucher [BR], journal voucher [JV], contra voucher [CV], Debit / Credit note,

Sale Voucher: Export Sale [ES], Merchant sale [MS], Domestic sale [DS], Other sale [OS],

Purchase Voucher: Fiber purchase [RP], Store purchase [SP],

Select Pending Vouchers For A/C Ledger Posting: Sales voucher, purchase voucher, services & utilities voucher

Tax Management:

GST: Sales [GSTR1], Purchase [GSTR 3B]

TDS / TCS: Type of heads service, TDS rate, TDS Issuing authority, Tax deduction, issue of form 16 A

EPCG License: EPCG license creation, EPCG invalidation

Final Accounts: View chart of accounts, view chart of account from date to date [trial], prepare schedule for Balance-Sheet, Profit / Loss configuration, Balance-Sheet Configuration, preparation of final a/c, Bank reconciliations,

Account Finder: Customer/vendor Document, Debtor/ Creditors

8. Managerial Accounting

Budgeting:

Fiber consumption budget, production budget, bench mark yarn test results, sale budget, power budget, HR budget, department wise store budget, store budget all department, financial expense budget

Costing & Cost Sheet [Prerequisite for costing]:

Price basis & INCOTERMS, fiber rates, mix proportion, create sales tax master, create, assumption for fixed cost, create transportation type, create packing type, norms for transportation cost, create export incentives, TFO charges, create insurance master, create payment terms master, create waste realization master, relate elements of cost to financial ledgers, promoter interest, additional cost

Market Scenario [Current]: Make Selections, Market Scenario inputs [Latest fiber rates & yarn sale prices], calculate Contributions

Count wise cost sheet: working out standard cost,

9. Inventories: Closing stock with valuation:

- Fiber Inventories
- Store Material
- Yarn Inventories
- Waste Inventories
- WIP: WIP Blow Room, WIP Process, WIP Loose Stock, WIP Packing Material

HUMAN RESOURCE MANAGEMENT [HRM]

10. Human Resource Management [HRM]

Employee Recognition: Recruitment & employee master, create contractor worker detail

Determine Employee Administration: employee promotion & increments, employee awards

Leave: create leave, create national leave, create leave purpose, create leave opening balance, apply leave, transfer of leave opening balance, leave encashment

Attendance: identify sanctioned strength, mark staff attendance, mark worker attendance, mark contractor worker attendance, apply CPL, Muster roll auto-preparation

Deploy Labor: Deploy worker over group of machineries.

Good Work: Good work criteria, attendance based incentive

Salary & Wages: Create earning /deduction heads, create designation wise rate master, create earning criteria, create deduction criteria, create deduction heads slots, designation wise DA, process advance, variable expenses, earning arrear, pay roll generation, Bonus / Ex-gratia, Gratuity, full & final settlements. Employee entire service book

Statuary Compliances: PF

Security: Gate entry (raw material) , gate entry (store materials), security entry store, security entry, visitor register, employee movement register, vehicle register, vehicle fuel register, snail mail

MANAGEMENT CONTROLS, BUSINESS ANALYTICS [BA] & DECISION SUPPORT SYSTEM [DSS]

11. Variance Analysis [Monthly budgeted Vs Actual Figures Auto-prepared Comparison]:

- Fiber consumption budget & actual consumptions,
- Production budgeted norms and actual achieved norms comparison,
- Standard & actuals yarn quality norms comparison,
- HR sanctioned strength Vs Actual deployments,
- Power consumption budget Vs actual consumption, Budgeted sale vs actual achieved sales figures,
- Department wise store budget and actual consumption, all departments store consumption and actual consumption,
- Financial expense budget and actual expenses
- Sale & customer wise actual incurred cost comparison [specifically variable costs].

12. Management Information System [Monthly MIS]

Production Department MIS: Production, Machine Utilization, HOK & Utilization, Electricity Consumption, UKG, Usable & sellable, waste generation figures.

Store Purchase: Indent and pending indents, purchase order and pending purchase orders, material received pending for inspection more than three days, material verification done after three days, details of emergency, purchase in a month, quantity purchased in emergency but not issued, details of cash purchase during the month, no of items physically verified during the month, details of slow moving items [not issued since six months], department wise material issued during the month, returnable goods status

Accounts Department MIS:

Bank limits, statutory compliances, ledger scrutiny, statutory compliance payment, statutory compliance filing, creditor & advances, bank reconciliations, payment reconciliation, data back-up & audit finding day book & major event, ageing of debtor & creditor.

HR: Own employees and contractor worker wise, present, absenteeism, good work and secretarial compliances.

13. Strategic Information System [SMIS] Based Over 5 M of management

- Market
- Materials
- Machine
- Man
- Money

14. Business Analytics & Intelligence:

General monthly graphical comparison: fiber purchase, yarn sale, waste sale, scrap sale, store-purchase,

Performance Analysis: 'Daily Techno-Commercial Performance Analysis'

Production Analysis: Shift/Daily Production Analysis, Maintenance Analysis,

SQC: Mixing Plan Dash-Board For Mixing Optimization, Fiber-Yarn correlation, Bobbin Vs Cone Study

Sales: Sales Analysis, Bestselling Products [Counts],

Store Purchase: Item wise price analysis.

15. Decision Support System:

- Raw-material Requirement Analysis & Supply Chain Coordination [Daily Plan]
- Raw-material Purchase Analysis
- Mixing Cost Optimizations, Yarn Quality Assurance
- Booking Confirmation Based On Count Wise Cost Data & Product-mix Optimization
 - Make Selections
 - Review Market Scenario
 - Cost Sheet
- Net profit/loss per K.G. of yarn
- Contribution/spindle or rotor/shift
- Contribution/K.G.
- Contribution/machine R/F or Open End
- Product Mix Decision
- Sales & Cost MIS