



Bill of Materials

SYSPRO's Bill of Materials solution facilitates an accurate expected cost against which to track actual production costs. The complete bill forms the basis for material and capacity planning, shop floor control and costing. You can create and maintain a model of your manufactured or assembled products as well as generate what-if costing scenarios.

The Value of Bill of Materials

- Supports up to 15 levels
- Intuitive tree-view display with operational Gantt Charts
- Analyze BOM and 'what-if' costs
- Compare BOM costs to current inventory costs
- Identify material shortages with multi-level trial kitting
- Support planning bills, phantom parts and sub-contract operations
- Optional components supported for sales of kits
- Track effectivity dates of components
- Define scrap factors for more accurate planning
- Plan for co- and by-products, apportioning costs accurately

Matching Bill of Materials to your business

- Multiple recovery rates per cost center, work center and employee
- Track time and capacity in different units of measure
- Define component requirements up to 6 decimal places
- Document routing instructions and component notes
- Link pictures and videos to Bill of Materials
- Define routes per location for accurate costing and planning
- Validate structures and operations and provide notification of potential problems

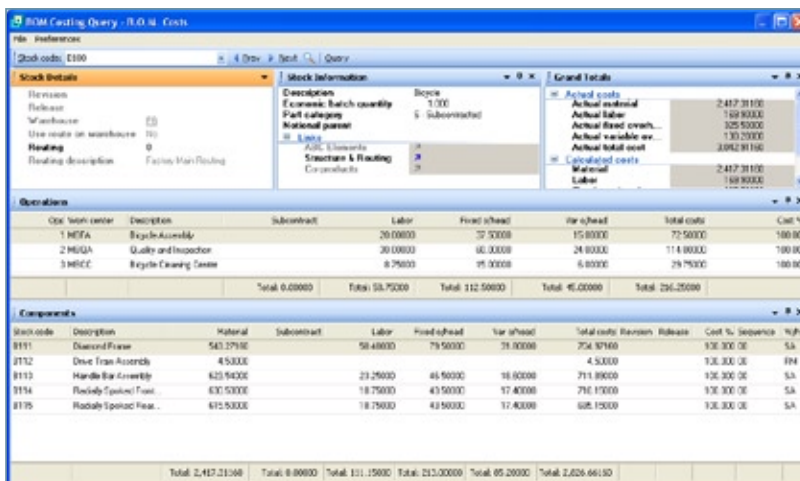
- Calculate BOM costs per warehouse
- Calculate manufacturing lead times
- 'Where-used' query with 'replace where-used' function
- Import structure and routings from third-party systems (e.g. CAD)
- Calculate dynamic-elapsed time and capacity required
- Transfer rolled-up BOM costs to unit cost of item
- Indicate move time between work centers
- Capacity calendar per work center and productive units
- Define components as quantity per, % of parent or specific quantity regardless of batch
- Indicate scrap percentage and/or quantity with optional progressive scrap

Integration

- Integrates with the following modules:
 - General Ledger
 - Inventory (Essential)
 - Product Configurator
 - Quotations
 - Requirements Planning
 - Sales Orders
 - Work in Progress

Audit trails and reporting

- User-defined selection criteria for flexible reporting
- Detailed 'where-used' reporting
- Extensive BOM costing reports
- Reports complete routing information
- Trial kitting list highlights quantity requirements and shortages
- Listings of manufactured parts with and without a structure attached
- Various BOM profiles provided



| Op | Work center | Description | Subcontract | Labor | Fixed overhead | Var overhead | Total costs | Reven | Release | Cost % | Sequence | U/F |
|----|-------------|------------------------|---------------|----------------|----------------|----------------|-----------------|-------|---------|---------|----------|-----|
| 1 | MFA | Recy-Assembly | | 20.0000 | 32.5000 | 15.0000 | 72.5000 | | | 100.000 | | |
| 2 | MGA | Quality and Inspection | | 20.0000 | 0.0000 | 24.0000 | 114.0000 | | | 100.000 | | |
| 3 | MFC | Recy-Clawing Cases | | 8.7500 | 15.0000 | 6.0000 | 29.7500 | | | 100.000 | | |
| | | | Total: 0.0000 | Total: 58.7500 | Total: 53.5000 | Total: 45.0000 | Total: 236.2500 | | | | | |

| Stock code | Description | Material | Subcontract | Labor | Fixed overhead | Var overhead | Total costs | Reven | Release | Cost % | Sequence | U/F |
|------------|-----------------------|--------------------|-------------|----------------|------------------|------------------|-----------------|--------------------|---------|---------|----------|-----|
| B111 | Diagnosed Frame | 543.27930 | | 58.48000 | 79.50000 | 31.00000 | 754.97930 | | | 136.300 | 06 | SA |
| B112 | Drive Train Assembly | 4.50000 | | | | 4.50000 | 4.50000 | | | 136.300 | 06 | FIN |
| B113 | Handle Bar Assembly | 623.94200 | | 23.25000 | 66.50000 | 18.00000 | 711.86200 | | | 136.300 | 06 | SA |
| B114 | Flexibly Spaced Front | 630.50000 | | 18.75000 | 43.50000 | 17.40000 | 710.15000 | | | 136.300 | 06 | SA |
| B115 | Rigidly Spaced Front | 612.50000 | | 18.75000 | 43.50000 | 17.40000 | 688.15000 | | | 136.300 | 06 | SA |
| | | Total: 2,417.23160 | | Total: 9.89000 | Total: 131.15000 | Total: 212.00000 | Total: 65.20000 | Total: 2,626.66160 | | | | |