



Work in Progress

Objective

To track the activity of the manufacturing process and manage the performance of the shop floor in order to minimize job costs, efficiently utilize production resources and provide comparative reporting.

The Value of Work in Progress

- Support mixed-mode manufacturing environments
- Track and manage material and operational costs per job
- Monitor job variances comparing actual to standard
- Analyze efficiency and utilization of shop floor elements
- Track production overheads, resources, and scrap
- Schedule jobs according to the production calendar
- Identify overloaded work centers
- Automatically create jobs from Sales Orders, Quotations and MRP
- Link purchase orders to jobs to expedite receiving
- Automatically manage the production of co- and by-products

Matching Work in Progress to your business

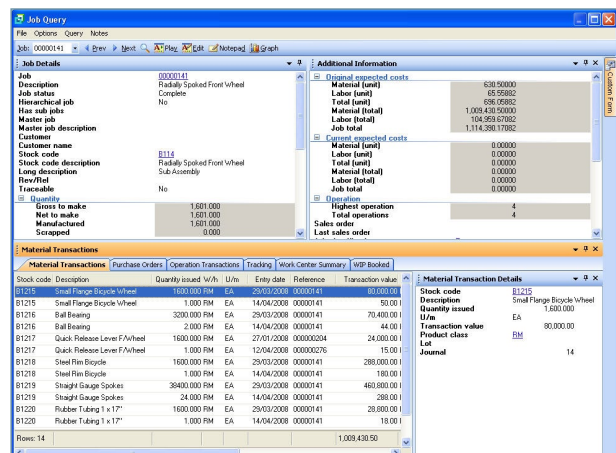
- Define productive unit and work center capacity
- Determine standards for machines and employees
- Optionally include non-productive time in job costs
- Create jobs for standard or custom product
- Create jobs for standard or custom products
- Issue materials and labor to jobs in kits or by item
- Post labor at standard or actual employee rate
- Integrate with bar code data collection systems
- Record costs incurred on subcontracted operations
- Receive completed items into inspection or directly into inventory
- Easily create rework jobs
- Optionally receive into alternate warehouse or even as alternate item
- Create sub-jobs with automatic transfer of values to the master
- Multi-level job query facility
- Calculate due dates on a forward, backward, finite or manual basis
- Supports milestone operations
- Place jobs on hold to suspend processing
- Reserve and track lot and serialized item
- Recalculate expected costs
- Archive completed jobs as XML documents

Integration

- Integrates with the following modules:
 - Accounts Payable
 - Activity Based Costing
 - Assets Register
 - Bill of Materials
 - Cash Book
 - Factory Documentation
 - General Ledger
 - Inventory
 - Lot Traceability
 - Projects & Contracts
 - Purchase Orders
 - Quotations
 - Return Merchandise
 - Requirements Planning
 - Sales Orders
 - SYSPRO Factory Scheduling

Audit trails and reporting

- Complete audit trails of all transactions
- Comprehensive reporting, including percentage completed, detail tracking, job status and job variances
- Provides extensive labor analysis
- Detailed screen query shows current job status, activity to date and expected activity
- Work center dispatch lists
- Non-productive time and scrap analysis
- Work center, employee and machine efficiency analysis



The screenshot displays the SYSPRO Job Query window for Job 00000141. The 'Job Details' tab is active, showing job information such as Description (Prestable Spoked Front Wheel), Status (Complete), and various cost breakdowns. The 'Material Transactions' tab is also visible, showing a list of transactions with columns for Stock code, Description, Quantity issued, W/H, U/Ws, Entry date, Reference, and Transaction value.

| Stock code | Description | Quantity issued | W/H | U/Ws | Entry date | Reference | Transaction value |
|------------|-----------------------------|-----------------|-----|------|------------|-----------|-------------------|
| 01200 | Steel Flange Bicycle Wheel | 1,000.000 | FM | EA | 14/04/2008 | 00000141 | 50.000 |
| 01216 | Ball Bearing | 3200.000 | FM | EA | 29/03/2008 | 00000141 | 70.400.001 |
| 01216 | Ball Bearing | 2.000 | FM | EA | 14/04/2008 | 00000141 | 44.000 |
| 01217 | Quick Release Lever F/wheel | 1600.000 | FM | EA | 22/01/2008 | 00000024 | 24.000.001 |
| 01217 | Quick Release Lever F/wheel | 1.000 | FM | EA | 12/04/2008 | 00000076 | 15.000 |
| 01218 | Steel Rim Bicycle | 1600.000 | FM | EA | 29/03/2008 | 00000141 | 288.000.001 |
| 01218 | Steel Rim Bicycle | 1.000 | FM | EA | 14/04/2008 | 00000141 | 180.000 |
| 01219 | Straight Gauge Spokes | 38400.000 | FM | EA | 29/03/2008 | 00000141 | 460.800.001 |
| 01219 | Straight Gauge Spokes | 24.000 | FM | EA | 14/04/2008 | 00000141 | 288.000 |
| 01220 | Rubber Tubing 1 x 17" | 1600.000 | FM | EA | 29/03/2008 | 00000141 | 28.800.001 |
| 01220 | Rubber Tubing 1 x 17" | 1.000 | FM | EA | 14/04/2008 | 00000141 | 18.000 |