



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

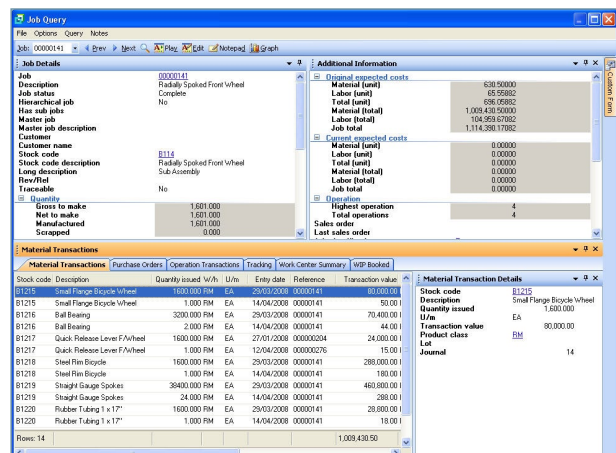
- Define productive unit and work center capacity
- Determine standards for machines and employees
- Optionally include non-productive time in job costs
- Create jobs for standard or custom product
- Create jobs for standard or custom products
- Issue materials and labor to jobs; in kits or by item
- 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
 - Assets Register.
 - Cash Book
 - General Ledger
 - Activity Based Costing
 - Inventory
 - Purchase Orders
 - Sales Orders
 - Return Merchandise
 - Bill of Materials
 - Lot Traceability
 - Projects & Contracts
 - Quotations
 - Requirements Planning
 - Factory Documentation
 - 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 interface. The 'Job Details' tab is active, showing information for Job 0000141, 'Prestable Spoked Front Wheel'. The 'Additional Information' pane on the right shows 'Current expected costs' and 'Highest operation' data. 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
B1215	Small Flange Bicycle Wheel	1.000	RM	EA	14/04/2008	00000141	50.00
B1216	Ball Bearing	3200.000	RM	EA	29/03/2008	00000141	70.400.00
B1216	Ball Bearing	2.000	RM	EA	14/04/2008	00000141	44.00
B1217	Quick Release Lever F/wheel	1600.000	RM	EA	22/01/2008	00000204	24.000.00
B1217	Quick Release Lever F/wheel	1.000	RM	EA	12/04/2008	00000276	15.00
B1218	Steel Rim Bicycle	1600.000	RM	EA	29/03/2008	00000141	288.000.00
B1218	Steel Rim Bicycle	1.000	RM	EA	14/04/2008	00000141	180.00
B1219	Straight Gauge Spokes	38400.000	RM	EA	29/03/2008	00000141	460.800.00
B1219	Straight Gauge Spokes	24.000	RM	EA	14/04/2008	00000141	288.00
B1220	Rubber Tubing 1 x 17"	1600.000	RM	EA	29/03/2008	00000141	28.800.00
B1220	Rubber Tubing 1 x 17"	1.000	RM	EA	14/04/2008	00000141	18.00