

Work in Progress

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

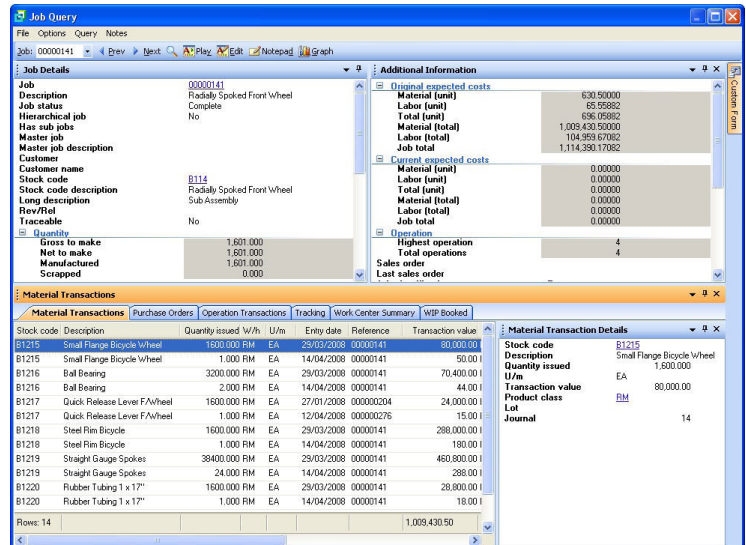
- ▶ Support mixed-mode manufacturing environments
- ▶ Track and manage material and operational costs per job
- ▶ Monitor job variances comparing actual to standard
- ▶ Analyze efficiency and utilization of shop floor elements
- ▶ Track production overheads, resources, and scrap
- ▶ Schedule jobs according 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



The screenshot shows the SYSPRO Job Query interface. The main window displays job details for Job 0000141, 'Roadily Spoked Front Wheel', which is 'Complete'. It shows various cost breakdowns including Original expected costs, Current expected costs, and Operation costs. Below this, there is a 'Material Transactions' table with columns for Stock code, Description, Quantity issued, W/h, U/m, Entry date, Reference, and Transaction value. The table lists transactions for various components like Small Flange Bicycle Wheel, Ball Bearing, Quick Release Lever F/Wheel, Steel Rim Bicycle, Straight Gauge Spokes, Rubber Tubing, and Rubber Tubing 1 x 17".

Stock code	Description	Quantity issued	W/h	U/m	Entry date	Reference	Transaction value
B1215	Small Flange Bicycle Wheel	1600.000	RM	EA	29/03/2008	00000141	80,000.00
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	27/01/2008	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

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