Feature Summary

Sage Production Management for Sage 100

It's never been more important for manufactures to keep their finger on the pulse of operations and to make strategic decisions more quickly. With market uncertainty comes complexity. As manufacturers manage capacity, their workforce, and expand into new areas of opportunity they also lose visibility into their production processes.

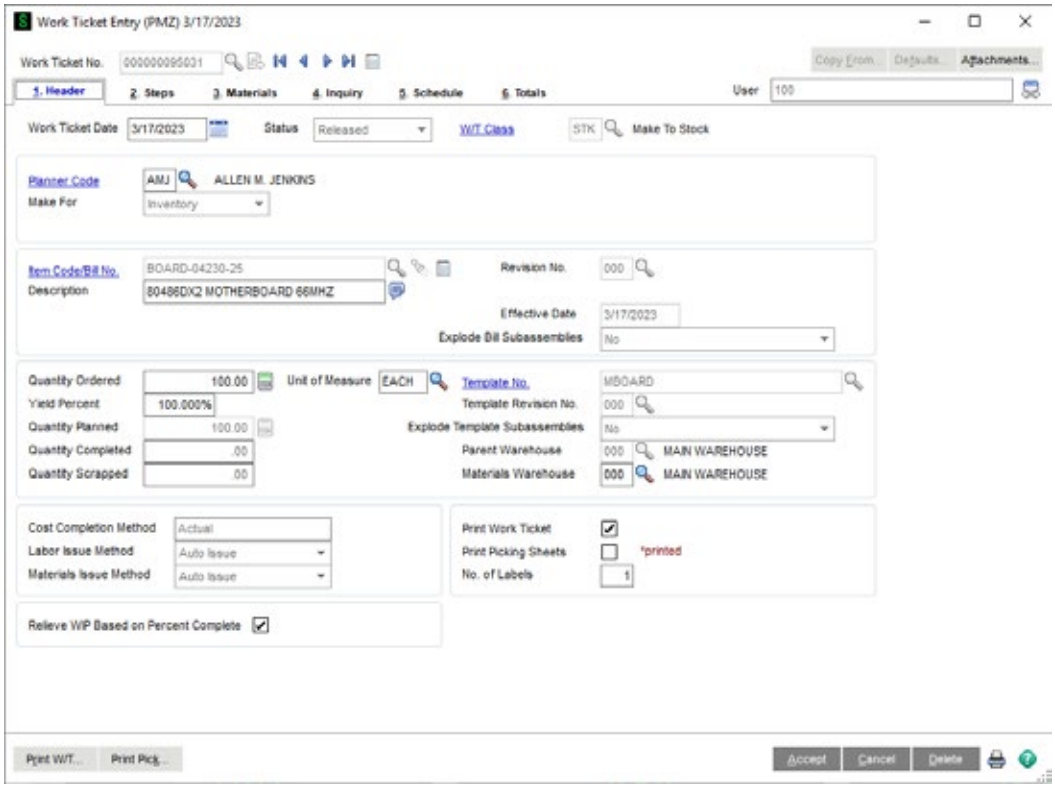
Data silos restrict access to strategic information while eroding trust. The proliferation of unintegrated management tools and spreadsheets creates bottlenecks. An incomplete picture of inventory and demand makes accurate forecasting next to impossible. The result is missed opportunity, decreased efficiency, compromised consumer confidence, and increased costs.

Sage Production Management gives discrete custom manufacturers and fabricators the tools they need to achieve visibility into their entire production process. By centralizing the production process in a way that is tightly integrated with Sage 100, assemblers, manufacturers, and fabricators always know their costs, the status of items, and the material quantities required to meet demand.

Benefits

- Achieve visibility into the entire manufacturing process.
- Increase agility by tracking costs in real time.
- Identify and remove production bottlenecks.
- Promote customer satisfaction through accurate status updates.
- Optimize inventory to reduce excess inventory and eliminate stock outs.
- Customize fields, tables, and scripts to meet the unique needs of your growing business.

Sage



Accuracy
With Sage Production Management, businesses can track costs beyond a simple bill of materials. Support for tracking labor and other job-related attributes (like overhead, direct AP costs, and status) means that manufacturers can get a complete picture of what it costs to produce an item. Because they always have current and accurate cost reporting, manufacturers can track costs relative to budget in real time and make adjustments to inventory, materials, and production processes with increased agility.

Visibility
It is important for manufacturers to know where their items are in the manufacturing process. But it is as important for manufacturing customers to know how their orders are progressing. Thanks to real time access to the status of every item, manufacturers can improve customer satisfaction by setting accurate delivery expectations.

Optimization
Without Sage Production Management, complex inventory management may involve exporting sales order data, manipulating that data in spreadsheets, and manually creating purchase orders to ensure that materials are at levels necessary to meet production demand. The real time integrated inventory control system with built-in controls also increases data integrity by minimizing errors. Add Sage 100 Inventory Requirements Planning to combine sales order data with manufacturing process data to alert users when ordering is needed.

Built on the Sage 100 Business Object Framework, Sage Production Management benefits from many additional capabilities, including dual grids and batch processes to increase data entry efficiency, the ability to easily customize fields, tables, and scripts in ways that persist with product upgrades, and the use of Visual Integrator to automate imports from almost any third-party system.

Eliminate barriers to growth with an integrated manufacturing solution. Improve accuracy, maintain visibility, and optimize your inventory with Sage Production Management and Sage 100.

Features

Role Maintenance	Provides control and flexibility over which users can access Production Management tasks, inquiries and reports.
Work Tickets	Work Tickets contain the information needed to build a finished good or sub-assembly item, which may include: • Quantity ordered, yield percentage, quantity planned, quantity completed, and quantity scrapped. • Steps that identify the process that may include work instructions. • Material and components needed to make the finished good. • Budget and current/actual for labor costs, materials, direct cost, total cost, and hours. Work tickets may be created using a number of methods, such as: • Copy from an open work ticket. • Copy from work ticket history. • Create from a bill of materials. • Create from a work ticket template. • Create from both Bill of Materials and Work Ticket Template.
Work Ticket Templates	A work ticket template is a standard form used to create work ticket requirements. A template can be created when reusable content and routings exist for work tickets, work ticket steps, and work ticket materials requirements. These templates include details on the Activity Code (task to complete), Work Center (location on shop floor), and Tool Code (special tooling if required). Budget values as well as scaling and scheduling parameters may be established. Materials may also be included as well as attachments such as drawings (including CAD drawings), images or other specifications.
Work Ticket Entry	Use this task to create and edit work tickets. A work ticket contains the information needed to build a finished-good item or sub-assembly item. A work ticket can be modified after it is released. You can modify the planned quantity, add and modify steps, delete steps with no transactions posted against them, add and modify materials, and delete materials if there are no material issues posted against them.
Work Ticket Transaction Entry	Use Work Ticket Transaction Entry to enter all transactions against work tickets. You can record the material issues and labor entries, completion transactions, and closing transactions against work tickets.
Work in Process	Track costs and progress associated with production of finished goods using work in process tracking. You can determine how those costs are tracked and assigned by determining the method applied to cost completion, labor issue and material issue. Available cost completion methods include: • Actual. • Lower of planned or actual. • Planned. Labor Issue methods include: • Manual. • Auto issue. • Backflush. Material issue methods include: • Manual. • Auto issue. • Backflush.

Work Ticket History Inquiry	Use Work Ticket History Inquiry to view detailed information about work tickets.
Purge Work Ticket History	Purge work ticket history by work ticket number, release date, or close date.
Visual Process Flows	• **Work Ticket Management—**Enter a work ticket, enter and post material issues and labor entries, and then complete and close the work ticket. Other tasks include printing forms and reports and viewing inquiries. • **Complete Work Ticket—**Finalize a work ticket, print reports, and work ticket labels, and view Work Ticket History Inquiry. • **Close Work Ticket—**After a close transaction is updated for a work ticket, you can easily print reports, ledgers, and work order labels.
Labor Entry	Conveniently track employee hours with full visibility into all work tickets and assign labor to the appropriate department and associated General Ledger (GL) posting during production Labor Entry.
Dynamic Material and/or Dynamic Labor Available for subscription customers only	Permits real-time updates to labor and materials tracking with the ability to control how materials or labor are recorded in a work ticket.
Work Center Capacity Inquiry	Review capacity information (commitments against work centers) in three formats: daily, weekly, and detail.
Scheduling	Production Management uses an “infinite” loading technique to schedule each work ticket as if it were the only work ticket on the shop floor. The advantage of this method is visibility into the true load based on demand; however, care is required to prevent overload on individual work centers. • Establish a working calendar for each work center as well as capacity. • Schedule each work ticket using either forward or backward scheduling based on what is known about the requirements of that individual work ticket.
Integrations	Allow seamless entries across modules and enable additional synergies. • When integrated with Sage 100 Payroll, employees, departments, and earnings codes used in Production Management and Labor Entries can be imported into Payroll Data Entry, if desired. • When integrated with Accounts Payable, cost distributions can be assigned to open and closed work tickets in AP Invoice Data Entry as well and Manual Check and Payment entry. • When integrated with Purchase Order, purchase orders can be created directly from Work Ticket Entry, and items assigned to open purchase orders can be linked to open work tickets in Purchase Order Entry. • When integrated with Inventory Requirements Planning, you can simplify and speed up the work processes of purchasing, inventory and production activities. • When integrated with Bill of Materials, you can assign templates and steps to bill numbers and bill option in Bill of Materials Maintenance; create work tickets from bills; and import materials from bills.

Discover the power of a trusted and reliable solution, designed to help you automate processes, decrease risk, and scale with ease. Schedule a **Sage 100 demo** or contact us at 866.756.7243.

For information on how to upgrade your Sage 100 software, please contact your Sage business partner.

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