

Sage MAS 500 ERP



Advanced Kitting

Improve management of kit assemblies without complex manufacturing processes

Do you distribute products and have a need for advanced kitting functions? Do you assemble products before shipping them? If so, then Advanced Kitting is the perfect product to help you manage production and kit assembly without material issues.

The streamlined Advanced Kitting system allows distributors, assemble-to-order industries, and other light manufacturers to concentrate on other critical business issues without getting tied up in complex manufacturing processes.

Advanced Kitting provides an easy-to-use production entry screen where finished goods are reported after the fact. This single point of entry eliminates numerous labor and production transactions by automatically issuing material quantities, outside process transactions, and labor time to finished kits.

Distributors can identify labor as part of the kitting process. This dramatically improves product costing, subsequent pricing, and the kitting procedure.

Other Sage MAS 500 modules, such as Estimating, Product Configurator, and Inventory Replenishment, can be used with Advanced Kitting to streamline operations and improve productivity.

BENEFITS

- Manage production and kit assemblies without material issues.
- Automatic backflush eliminates work orders and simplifies the assembly process.
- Include labor as part of the kitting process to improve accuracy of product costing and related pricing requirements.
- Improve productivity by creating new kits on-the-fly.
- Multi-level kits save time and eliminate duplication by including kits as components of other kits.
- Organize, analyze, and graph production assembly information such as component usage, assembly costs, scrap quantities, and more.

SAGE MAS 500 SOLUTIONS

- Financials and Project Accounting
- Distribution and Manufacturing
- CRM and E-business
- Human Resources and Payroll
- Customization and Integration
- Business Intelligence

Step	Operation	Operation Description	Type	Material Item	Work Center	Machine	QTY Req
000010	MAT	Material Requisition	M	MPE65D			68
000020	MAT	Material Requisition	M	M-UBC12			15
000050	POUR	Pour	L		M850	POUR1	41
000060	MOLD	Inject compound into mold	L		M850	MOLD1	41
000070	CURE	Curing of parts	L		M850	CURE1	40
000080	TRIM	Remove products from mol	L		M900	TRIM1	40

"Sage MAS 500 was considerably more cost-effective than alternative solutions we reviewed. System maintenance requirements have been significantly decreased."

Guy DeMeester
Director of Global IS
Roxio, Inc.

Assembly Processes

Establish standard assembly processes for assembled items.

- Integrate assembly routings, component lists, time-phase labor, material, and outside (subcontract) operations in chronological order.
- Routing versions enhance quality control for both labor and material revisions. Revision dates and codes identify unique routings and component lists.
- Multimedia files and CAD drawings may be viewed at the routing header and detail levels.
- Import component lists from popular CAD programs.
- Flexible work station parameters include user-defined defaults, work in process rates, and variable capacity by day for shift schedules.
- Incorporate subcontracted steps, performed outside of your company, into the assembly process.

Automatic Backflush

The elimination of work orders simplifies the assembly process.

- Use the backflush feature to automatically issue labor time, material quantities, overhead, and outside transactions as production takes place.
- The system updates inventory when the quantity of finished goods is reported.
- Adjust standard quantities and scrap amounts to reflect actual usage. You can also define which raw material and component lots or serial numbers are part of the assembled kit.

Kit Creation

Quickly create new kits on-the-fly.

- New kits can be created from scratch.
- Copy similar kits to new kits and change components and other operations specific to the new kit.
- Maintain multiple versions of kits for different customers and/or revision level tracking.
- Utilize FIFO, LIFO, average, standard, or actual costs.

Multi-Level Kits

Create multiple kits to be used in other kits.

- Kits may be included in other kits as component items.
- Multi-level kits may be up to 30 levels deep.

Phantom Components

- Phantom components are items that are rarely stocked but are assembled and used in other bills of material.
- With blow-through phantoms, the Sage MAS 500 Inventory Replenishment module replaces the single phantom bill of material with its components on the assembly. The phantom component cannot be used for on-hand inventory.
- Plan B Phantoms are similar to blow-through phantoms, but on-hand assemblies can be stocked and sold.

Increased Performance

Enhance your customer service levels and streamline your business by using Advanced Kitting with other Sage MAS 500 modules.

- Provide availability times of kit assembly items to customers when they place an order by integrating to the Inventory Replenishment module.
- Integrate with the Product Configurator module to establish product-level rules in your sales process.
- Accurately bid assembly jobs by integrating with the Sage MAS 500 Estimating module.
- Track kit components with the Sage MAS 500 Engineering Change Management module.

Preventative Maintenance

Use the optional Data Alerts module to notify your maintenance and production departments when assets are due for maintenance.

- Set up alerts to notify employees when machines, work centers, or tools are coming due or overdue for inspections.
- Supervisors can set up maintenance schedules for each machine, work center, or tool; view notes; e-mail tasks to employees; and take assets out of service so that orders cannot be scheduled against the resource while it is being maintained.

Business Insights

Analyze and monitor Advanced Kitting data and transactions.

- Organize, analyze, and graph production assembly information such as component usage, assembly costs, scrap quantities, and more.
- Use the Data Alerts module to monitor Sage MAS 500 when machines, tools, or work centers are due or overdue for preventative maintenance.