



SAGE MAS 500

ADVANCED KITTING

BUSINESS INSIGHTS

Sage MAS 500 takes inquiry, drill-down, monitoring, and data analysis to a whole new level with out-of-the-box business intelligence tools, including Business Insights Analyzer, Business Insights Explorer, Alerts, Crystal Reports®, Web Reports, and integration with desktop productivity tools.

REPORTING FEATURES

- Maintain custom form layouts for printed forms used.
- Tailor forms to your organization's design requirements.
- Export any report data to an external file. Data types supported include ASCII text, delimited, Excel, XML, PDF, HTML, RTF, or Microsoft Word.
- Output any report to the screen, a printer, or a variety of file formats.
- Create customized, presentation-quality reports through Crystal Reports software.

REPORTS

- Bill of Material
- Bill of Material Cost Rollup
- Bill of Material Where Used
- Job Costing
- Routing
- Work Center Where Used
- Operation Where Used
- Production

SAGE MAS 500 SOLUTIONS

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

Step	Operation	Operation Description	QTY Req	Scrap Pcs	Run Hrs	Setup Hrs
000010	MAT	Material Requisition	68.0000	0.0000	0.00	
000020	MAT	Material Requisition	15.0000	0.0000	0.00	
000050	POUR	Pour	41.0000	0.0000	0.04	
000060	MOLD	Inject compound into mold	41.0000	1.0000	1.37	
000070	CURE	Curing of parts	40.0000	0.0000	0.20	
000080	TRIM	Remove products from mol	40.0000	0.0000	2.00	

Advanced Kitting Streamlines Distribution Assembly

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.



Sage MAS 500

Advanced Kitting

"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.

- Setup alerts to notify employees when machines, work centers, or tools are coming due or overdue for inspections.
- Supervisors can setup maintenance schedules for each machine, work center, or tool; view notes; e-mail tasks to employees; and can 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