Feature Summary

Inventory Requirements Planning for Sage 100

One of the most critical and time-consuming aspects of inventory management is ensuring that there are sufficient quantities of material on hand at all times. How often is production or shipping delayed because a necessary item was not in stock or you could not get it in time?

The Inventory Requirements Planning module for Sage 100 is designed to simplify and speed up the work processes of purchasing, inventory, and production managers, enabling them to focus less on math, and more on decision-making.

Inventory Requirements Planning helps manufacturers and distributers to quickly take into account and evaluate demand based on open sales orders and production material requirements. It also looks at supply, based on inventory stock levels (reorder points) and open purchase orders. Build times, lead times, and supply and demand functions are all combined to calculate the need for each inventory item.

With the Inventory Requirements Planning module for Sage 100, you can produce reports filtered by specific criteria. And with interactive dashboard screens to manually override what needs to be purchased or produced, everything can be managed with a few clicks.

Eliminate costly production delays and simplify your purchase order and work ticket creation. Inventory Requirements Planning offers value to distributors as well. In fact, any company using the Sage 100 Inventory Management and Purchase Order modules can leverage Inventory Requirements Planning to manage the purchasing side of their business.

Complete your manufacturing or distribution solution and take control of your material purchasing and production planning with the Inventory Requirements Planning module for Sage 100.
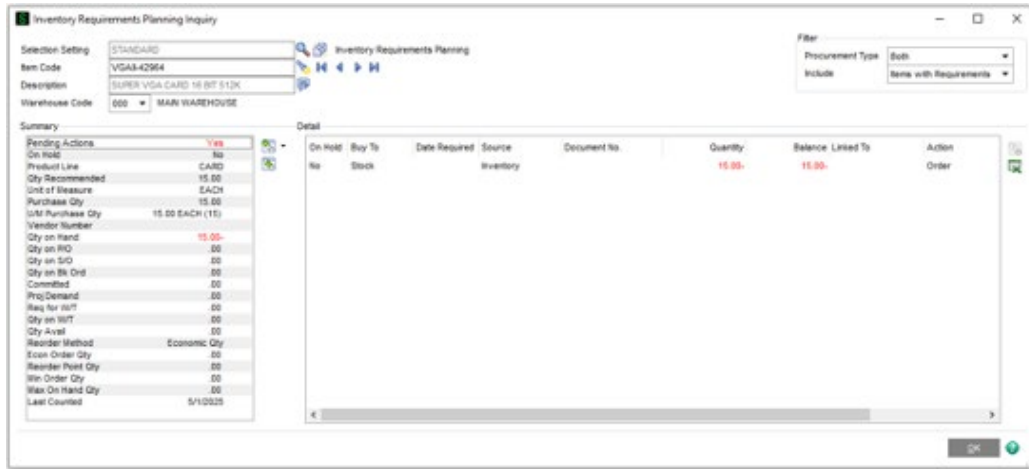
Benefits
- Eliminate costly production delays.
- Increase precision and simplification in determining projected demand.
- Report requirements by job (sales order or work ticket) and vendor.
- Auto-generate purchase orders and work tickets.

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Features

IRP Generation Added in version 2023.0	The IRP Generation process has been enhanced to include recommended actions (i.e. Make, Order) by evaluating demand based on open sales orders, work ticket component requirements, supply based on inventory stock levels, open purchase orders, and existing work tickets. Product build times, lead times, and supply and demand functions are combined to estimate the need for an inventory item.
Order Material to a specific Work Ticket	Through the detail view of items that need to be purchased, make individual choices as to whether material needed for a work ticket is ordered into inventory and then issued to the work ticket or purchase the material directly to the work ticket and avoid it being consumed by another work ticket.
Automatic Generation of Purchase Orders	After reviewing and/or modifying the recommended purchase quantity, the Generate PO program will allow you to create a New PO, add to a PO with a status of "New", or add to a PO with a status of "Hold." No more manually keying in a purchase order.
Automatic Generation of Work Tickets	If you have Sage Production Management installed, the Generate Work Tickets program uses information from IRP Generation to create work tickets for items that have a procurement type of "make to stock."
Purchase Items Report	This report provides detail as to what is calculated to be purchased from all or specific vendors. This enables you to have all the information you need on a single page, if filtered by vendor.
Production Items Report	This report provides detail as to what is calculated to be produced for items that are marked as "make to stock".
Inventory Management Integration	IRP integration with the Inventory Management module is required to access the items needed to distribute or produce finished goods. On-hand quantities in inventory are recognized as a part of the supply of an item during IRP Generation. The inventory integration supplies all reorder information, vendor lead times, and product build times to IRP Generation.
Purchase Order Integration	When Purchase Order is integrated with Inventory Requirements Planning, the material on a purchase order is recognized as a part of the supply of an item during IRP Generation. Additional Purchase Orders can be created from within the Purchase Dashboard, and items may be purchased directly to a work ticket.
Sales Order Integration	When Sales Order is integrated with Inventory Requirements Planning, the material on a sales order is recognized as part of the demand for an item during IRP Generation.
Production Management Integration	Integration with Sage Production Management is optional but is required to automatically create work tickets through the IRP process. The essence of the Sage Production Management and IRP interaction is to ensure the needed work tickets have been created to satisfy the demand of sales orders and/or reorder points.
Inventory Requirements Planning Inquiry Added in version 2023.0	Simplify procurement inquiries with the ability to view purchase and/or production information for an item based on the last completed IRP Generation process.
Maintain Projected Demands—IRP data generated Added in version 2023.0	Ensure the integrity of projected demand entries when Inventory Requirements Planning data has been generated. The following warning message will display on the screen, "Inventory Requirements Planning data generated. Regenerate IRP Data to include additional changes made".
Maintain Projected Demands—Quantity sold Added in version 2023.0	The Quantity Sold column will display and print on the Projected Demands Report for any Planning Cycle. Thereby, adding historical reference data to inform Projected Demand.
Projected Demands Report Added in version 2023.0	A fiscal/calendar year option has been added to the Projected Demands Report, enabling you to print based on your annual preference. If the Consolidate Customer box is selected, the quantity displayed will include both actual sales and future demand. If the box is not checked, then only the actual sales are shown.

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Inventory Requirements Planning Report Added in version 2023.0	Obtain a hard copy record of the current IRP Generation and calculation details. The report includes current on-hand inventory information, and detail of all demand and supply information for each item.
Action by Vendor Report Added in version 2023.0	Retrieve a summarized report of all actions by vendor that are recommended by the IRP Generation process.
Work Ticket and Sales Order Demand Report Added in version 2023.0	Print upcoming requirements for components on a bill by sales order or work ticket. Each component prints the quantities needed, the projected on-hand quantities, and required dates.
Ability to Schedule IRP Generation through Task Scheduler Added in version 2023.0	Allows for off-hour/overnight task generation to minimize server usage.

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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