

Sage 50 Manufacturing

Running the MRP and Reading Stock Demand in Sage 50 Manufacturing

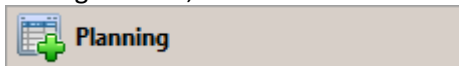


What is the "Read Demand" Function?

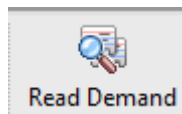
- "Read Demand" allows you to pull across orders from Sage 50 Accounts to show product demand, quantities, and order information.
- This is essential for running the MRP.

How do you "Read Demand"?

- First enter the Planning module;



- Select "MPS" in the links bar;
- Then click "Read Demand";



- Select the date you want to read up to and click "OK";

A screenshot of the "Read Demand" dialog box. It has a title bar "Read Demand" and a close button. The "Enter Horizon" section contains a "Read up to" date field with "17/03/2015" and a calendar icon. The "Information to read" section has two radio buttons: "All Information (Recommended)" (selected) and "Selected Information". Under "Selected Information", there are five checkboxes: "Sales Orders" (checked), "Show Completed/Cancelled Orders" (unchecked), "Make to Stock" (checked), "Sales Forecasts" (checked), and "Estimates" (checked). At the bottom are "OK" and "Cancel" buttons.

- Sage 50 Manufacturing will now display the current orders.

- Learn how to read demand within Sage 50 Manufacturing
- Learn what the MRP is
- Learn how to use the MRP function within Sage 50 manufacturing
- Learn how the MRP can be used to create works orders and purchase orders to fulfil stock demand

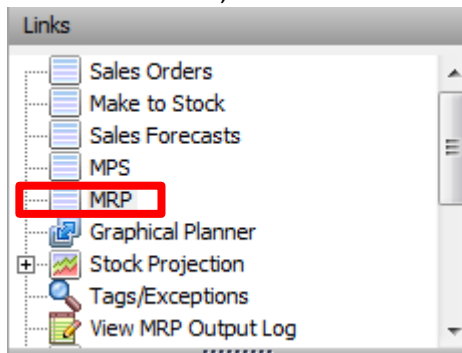


What is the MRP and what does it show me?

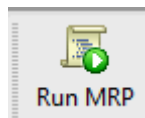
- MRP- Material Requirement Planning;
- The MRP is a tool to help manage stock;
- MRP gathers information from Sage 50 Accounts Sales Order Processing as well as Sales Forecast and Make to Stock items;
- Collates all demand onto one screen- saving essential time with effective and accurate planning;
- It recommends Works Orders and Purchase orders according to current stock demand;
- It allows users to predict stock usage on particular items.

How do I run the MRP?

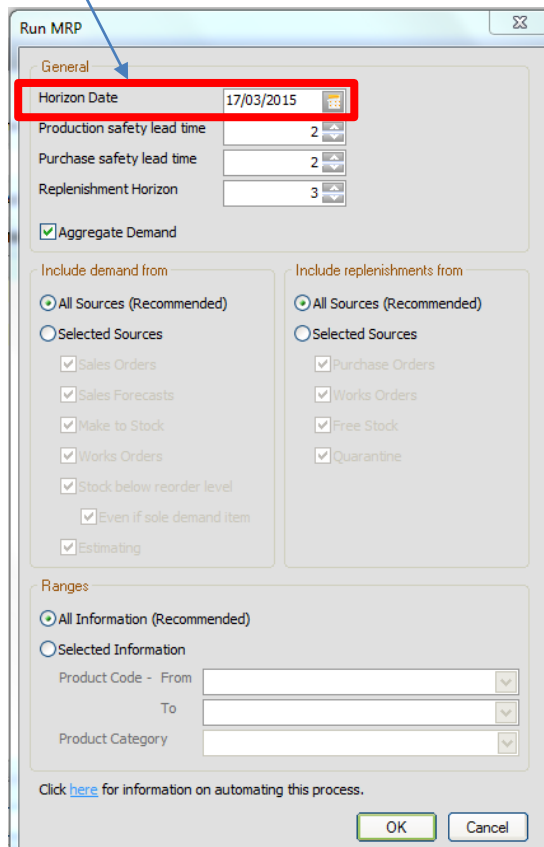
- Go into the MRP in the links menu;



- Click "Run MRP";



- Select the "Horizon date" which is how far ahead you would like it to look;



Run MRP

General

Horizon Date: 17/03/2015

Production safety lead time: 2

Purchase safety lead time: 2

Replenishment Horizon: 3

Aggregate Demand

Include demand from:

- All Sources (Recommended)
- Selected Sources
 - Sales Orders
 - Sales Forecasts
 - Make to Stock
 - Works Orders
 - Stock below reorder level
 - Even if sole demand item
 - Estimating

Include replenishments from:

- All Sources (Recommended)
- Selected Sources
 - Purchase Orders
 - Works Orders
 - Free Stock
 - Quarantine

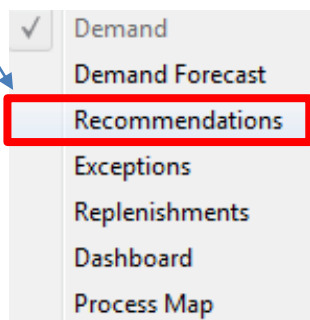
Ranges:

- All Information (Recommended)
- Selected Information
 - Product Code - From: [] To: []
 - Product Category: []

Click [here](#) for information on automating this process.

OK Cancel

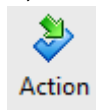
- Press “OK” to run the MRP;
- To see recommendations click view in the top right of the screen and select “Recommendations”;



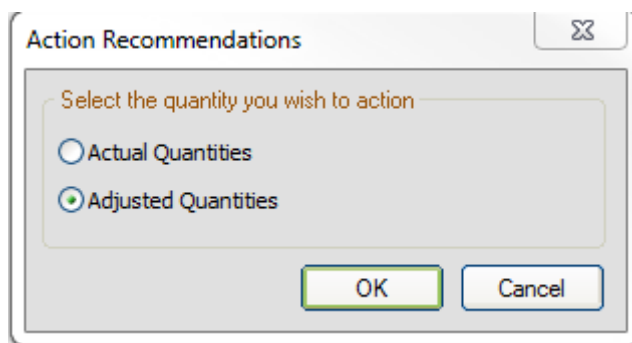
- The MRP has now found any issues with regard to stock and these are highlighted in red;

Rec.Number	Type	Action	Message	Product Code	Description
MRP000001	Make	New	New W/O	MAH	Office Desk - Mahogany
MRP000002	Make	New	New W/O	TEAK	Office Desk - Teak
MRP000003	Make	New	New W/O	DRAW/M	Drawset - Mahogany
MRP000004	Make	New	New W/O	DRAW/T	Drawset - Teak
MRP000005	Buy	New	New P/O	STUDS	Rubber leg studs
MRP000006	Buy	New	New P/O	TIMB/MAH	Timber - Mahogany Veneer ...
MRP000007	Buy	New	New P/O	TIMB/MAH	Timber - Mahogany Veneer ...

- The MRP has already calculated whether the product needs to be made in house as a Works Order (Make) or a Purchase Order (Buy);
- Select an order and click “Action”;



- Next click adjusted quantities ;



- If the product needs to made a works order will be created;

Works Order No.	Reference	Period	O/S Quantity	Status	Printed	Qty Required	BOM Description
WO5012	DRAW/T	WK7/2015	100.000	Entered	No	100.000	Drawset - Teak

- If the product is a “Buy” a purchase order will be created;

For further information or a demonstration please contact Red Business Systems
www.redbusinesssystems.com . Tel 01242 516885.