

Material Requirements Planning (MRP)

Gain control of purchasing, fabrication, assembly, and manpower requirements for your manufacturing operation with the AddonSoftware Material Requirements Planning (MRP) application. It is your ultimate planning tool, combining inventory status, your bills of material, lead times, work in process, outstanding purchases, and your forecast to produce comprehensive planning reports. You can quickly identify which items need to be purchased, which should be produced, and what resources are required.

With MRP, you'll always have the right raw materials on hand. For each forecast period the Planned Purchase Report lists what items need to be purchased, in what quantities, and by what dates. Purchase requisitions are automatically generated for speed and efficiency.

The Planned Production Report presents a list of sub-assemblies and finished goods that need to be manufactured, using the master production schedule. A "what if" feature allows you to create more than one schedule and forecast scenario, and when the production report is approved, MRP will generate planned work orders automatically for the selected scenario.

The Planned Resource report converts the master production schedule into a capacity requirements plan for manpower, machinery, and other resources. Plan ahead for the future addition of resources by developing long-term capacity plans.

Get MRP results instantly with an on-screen inquiry for each item. It shows you the forecast quantity, calculated gross demand, quantity available, quantity on order, projected need, and date required for each period in the forecast.

- Multiple forecast scenarios for "what-if" analysis
- Push Make to Order items through MRP directly from sales orders
- Regenerative MRP update process
- On-screen inquiries of MRP results by item
- Automatic generation of Planned Work Orders and PO Requisitions
- Pegging Report and Inquiries
- Shop Calendars for MRP accuracy
- Reports follow standard manufacturing industry conventions
- Plan up to 26 variable-length production periods at a time