

**Master Scheduling and MRP** Will ensure you have the material you need when you need it. To accomplish this, it provides planning functions for sales, production, and material requirements. The MRP "Explosion" process reviews all inventory supply and demand information, and provides you with reports that contain order action messages to help you meet your current scheduled requirements. This includes re-order, expedite, reschedule, and cancel messages as appropriate. It interfaces with Inventory Management, Product Definition, Customer Order Processing, and Product Purchasing. Highlights include:

- Sales forecasting may be done on and item by item basis or items may be forecasted in groups.
- Master Schedules may be generated and reviewed prior to the full MRP "Explosion".
- Flexible methods are available for generating Master Schedule and MRP requirements.
- Firm Planned Orders for planning potential future demand.
- User defined planning periods (bucketless MRP).
- User defined forecasting periods which may differ from the planning periods.
- Order pegging option allows you to peg a requirement to its source.
- Detailed order action reporting for all items.
- Items can be assigned to specific planners making reviewing information quicker and easier.
- Purchase Order Action report may be printed by vendor making ordering materials a simple task.
- Many reports and on-line displays are available that will allow you to simplify your material requirements function.

The screenshot shows the 'Item masters' window for 'Company 00 XYZ Company'. It features a menu bar (File, View, Options, Tools, Help) and a toolbar with buttons for New, Edit, Save, Save / New, Delete, Cancel, and Exit. Below the toolbar is a table with columns: Item #, Description, Whse, Type, Purch/Mfd, Inv-UM, Pch-UM, and Vendor. The table contains four rows of data for items 1000 through 1004. Below the table are several tabs: 'Material control data', 'Costs and engineering data', and 'Sales data'. The 'Material control data' tab is active, showing fields for Item #, Desc, Location, and Low level code. Below this are sections for 'Material control data' (including Item type code, Purchased or Mfd, Inventory UOM, Purchase UOM, Stock/purch ratio, Primary vendor #, Planner/buyer code) and 'Material planning rules' (including Firm sched days, Safety stock qty, Min order qty, Reorder level, Order multiply, Order up to). There are also 'Usage' fields (PTD, YTD, Last yr, Avg daily, Last used) and a 'Date item added' field. At the bottom, there are keyboard shortcuts: <F1> = Next, <F2> = Previous, <F3> = Delete, <F6> = Comments.

Item #	Description	Whse	Type	Purch/Mfd	Inv-UM	Pch-UM	Vendor
*PROGRESS BILL	PROGRESSING BILLING	Main	MISC	Purchased	EACH	EACH	
1000	WAGON BODY RED	Main	MISC	Manufactrd	EACH	EACH	
1001	WAGON BODY BLUE	Main	ASSY	Manufactrd	EACH	EACH	
1002	Test Item	Main	MISC	Purchased	EACH	EACH	
1003	Wagon Body R&D 2010	Main	ASSY	Manufactrd	EACH	EACH	
1004	Wagon Body, Pink	Main	ASSY	Manufactrd	EACH	EACH	

**PBS Manufacturing** is a powerful, easy to use business management system designed to meet the needs of today's small to mid-size manufacturing company. It provides the tools needed to reduce inventory, streamline production, improve on-time deliveries, manage product costs, improve customer service levels and much more. When coupled with the Passport Business Solutions accounting modules it is a complete business management solution.

PBS Manufacturing is flexible enough to meet the needs of most small to mid-size manufacturing environments. The modular design and many configurable options will allow you to

tailor a system to meet your individual needs. Invest only in the technology you need today and add to your system as your needs change. Whether you make to order, make to stock, or run a job shop, you will find tools that can help you streamline your operations.

There are more than 130 reports and on-line displays placing information at your fingertips. If you can't find the exact report you need, add AcuXDBC® and your favorite ODBC-compliant reporting tools for developing custom reports, and the sky is the limit. PBS Manufacturing will provide you with more information and more control over your manufacturing operation.

