



materials planning



Introduction ♦ The Materials Planning module was developed by Economic Data Services Limited (EDS) and is completely compatible with other Sage Line 100 modules.

The module integrates with the Sovman Bill of Materials, Works Orders and Sales Forecasts modules and the Sage Line 100 Stock Control, Sales Order Processing and Purchase Order Processing modules.

Materials Planning explodes inputs multi-level through the Sovman BOM producing a time-phased requirements plan. Inputs to the MRP run are taken from two sources:

- ♦ Any forward order quantities for manufactured items from sales order processing;
- ♦ Any planned production entered through the planning maintenance function within materials planning.
- ♦ Sales forecasts created within the Sovman Sales Forecasts module.

Inputs are exploded and netted against stock and on order to produce the materials plan.

The plan can be viewed on the screen with drill down windows displaying the actual transaction details for any column, e.g. purchase order details or sales order details.

The plan may also be printed as a report with selections on product group, item and department.

Sage Line 100 purchase orders and Sovman works orders may be generated automatically from the plan.

- Features** ♦
- ♦ Materials Planning uses a calendar identifying the manufacturing week and actual week. The calendar may be specified for any number of years ahead. The calendar may be specified in days and/or weeks.
 - ♦ The plan may be projected over a planning horizon in weeks.
 - ♦ Sales forecasts may be entered into the plan for any item using the Sovman Sales Forecasts module.
 - ♦ The plan displays the available stock, requirements, forward order, purchase orders, production plan, work-in-progress and requisitions for each week in the calendar over the planning horizon. Pop-ups display the transaction details for each category.



Economic Data Services Ltd

Alpine House ♦ 28 Church Road ♦ Rainford ♦ St Helens ♦ Merseyside ♦ WA11 8HE

Telephone: +44 (0)1744 885723 ♦ Fax: +44 (0)1744 886022

E-Mail: eds@sovman.com ♦ Website: www.sovman.com

Directors J Shergold S J Graham ♦ Registered in England No 928051 ♦ VAT Registration No 151 9171 73

- ◆ Materials Planning uses re-order levels, re-order quantities and top-up quantities to recommend requisitions within the plan. Production plan may be created for works order items using the planning screen. Works orders may be raised from the planning screen.
- ◆ The planning screen is linked to the explosion and implosion chains within the BOM so that the user can “navigate” up and down the BOM to view the effect of planning changes in real time.
- ◆ Requisitions for bought out items may be converted automatically to standard Sage Line 100 purchase orders. Items may be excluded from this process.
- ◆ Sovman production plan and/or works orders may be generated automatically from requisitions.

Features

- | | |
|--|--|
| ◆ Fully integrated with Sage Line 100 modules | ◆ Automatic generation of purchase orders |
| ◆ Time-phased materials planning uses daily or weekly calendar | ◆ Dynamic viewing of plan on screen with drill down function for transaction details |
| ◆ Horizons for planning, requisitions, forecast and suggested orders | ◆ Navigate up and down the BOM structure |
| ◆ Automatic generation of production plan or works orders | ◆ Sales forecasts |