



capacity planning



Introduction ◆ The Sovman Capacity Planning module was developed by Economic Data Services (EDS) and is completely compatible with, and fully integrated to, other Sage Line 100 modules.

The module integrates with the Sage Line 100 stock control module and the Sovman Bill of Materials (BOM) and Works Order modules.

The module provides all the functions to maintain details of work centres, operations and product routings.

Work centres can be identified as labour or machine types. Sub-contractor work centres may be identified. Work centres include standard rates for costing purposes. Charge out rates and mark up percentages can be stored for estimating purposes.

Operation details are held and linked to a work centre. Operations may be linked to multiple work centres to include labour and machine functions. Setup, run, movement and queue times are held for each operation.

Routings are defined for each product manufactured and specified within the Sovman Bill of Materials (BOM), file. Routings may be serial or parallel, allowing network structures to be specified.

A daily calendar may be created showing capacity available. Calendars can be linked to work centres to allow for holidays, maintenance etc.

The routings information is used to cost a product through the Sovman Bill of Materials (BOM) module. Manufacturing costs are separated into material, setup, labour, machine and overhead costs. Batch quantities are taken into account for setup times.

Sales orders, works orders, production plan or sales forecasts may be loaded onto operations and work centres to show the capacity required. This may be viewed in graphical form.

Features ◆ ◆ Work centre and operations records

- ◆ Daily calendar for capacity, with work centre specific calendars
- ◆ Product routing with serial and parallel operations, allowing network structures
- ◆ Product routing with operations across multiple work centres
- ◆ Full costing with setup, machine, labour and overhead breakdown
- ◆ Facility to copy an existing product routing
- ◆ Printing of route cards



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

- ◆ Mass operation changes or deletions
- ◆ Reverse scheduling with infinite capacity
- ◆ Graphical loading analysis for work centres and operations and drill down feature to display orders loaded

Features

- | | |
|---|--|
| ◆ Fully integrated with Sage Line 100 modules | ◆ Operations on multiple work centres |
| ◆ Mass operations changes/deletions | ◆ Drill down to orders loaded |
| ◆ Work Centre & Operations | ◆ Costing by setup, machine, labour & overhead |
| ◆ Reverse scheduling | ◆ Printing of Route Cards |
| ◆ Network Routing Structures | ◆ Copy from other routings |
| ◆ Graphical loading analysis | ◆ Work centre specific calendars |



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