



# works orders



**Introduction** ◆ The Sovman Works Orders module was developed by Economic Data Services and is completely compatible with, and fully integrated to, other Sage Line 100 modules.

The module integrates with the Sage Line 100 stock control, sales order processing and nominal ledger modules and the Sovman Bill of Material (BOM), Materials Planning and Capacity Planning modules.

Works orders may be raised for customer orders by releasing Line 100 sales orders. Works orders may also be raised manually for stock. Works orders can also be raised against a production plan through the Sovman materials planning module.

Sales orders may be partially released and partially completed.

When a works order is released, the requirement is exploded through the Bill of Materials (BOM) and the stock of components/sub-assemblies is allocated. The assembly quantity is recorded as planned.

Shortages may be displayed or reported. Orders may subsequently be de-allocated. When stock is received, this may be allocated manually or automatically to clear shortages.

Once released, the works order may be issued. The component/sub-assembly stock is reduced and the assembly quantity transferred from planned to work-in-progress.

Orders may be tracked through a number of user-defined stages before completion. Once completed, the assembly quantity is transferred from work-in-progress to stock. Where the works order originates from a sales order, the stock is automatically allocated to the sales order once the works order is completed.

The Works Order module includes a full sub-contractor facility. Sub contract orders may be raised on suppliers, accounting for work in progress at sub-contractors, and invoices may be approved.

The module is fully integrated with the Line 100 nominal ledger for posting work in progress, labour recovery etc, if required.

**Features** ◆ Serial or batch traceability of items through the BOM structure is available.

- ◆ The works order module uses the Sage Line 100 multi-depot and location facility. Stock may be allocated for a depot or across depots.
- ◆ Full shortage control. Shortages may be viewed on screen and reported. When stock is received, shortages may be cleared manually or automatically.
- ◆ Full order tracking is available. Up to ten user-defined production stages may be specified. Each stage is linked to a product group and may be specified as optional or mandatory. Orders may be issued and completed at the same time to speed up processing.



## 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

- ◆ A 'back flush' function will allow only completed product quantities to be input. This will then 'back flush' to issue and complete all stages through to raw material.
- ◆ A full sub contractor function handles work in progress at suppliers. Material is received at the original material cost plus the sub-contract labour. Purchase invoices may then be approved and posted to Sage Line 100 ledgers automatically.
- ◆ Works order paperwork is generated including comments/narrative and drawing numbers/versions.
- ◆ Effectivity dates for both assemblies and components are checked when exploding through the BOM.
- ◆ Partial quantities may be processed. Sales orders may be released into the works order system as partials. Works orders may be partially issued and partially completed, the balance remaining outstanding or scrapped. Over completions are also allowed
- ◆ A works order may be exploded multi-level through the BOM if required, producing works orders at all required levels of production. These are subsequently linked when shortages at lower levels are released.
- ◆ The works order handles variable quantity items within the BOM. When a variable item is encountered, the required quantity is requested. Variables may be used where quantities are unknown until time of order, eg. length of cable or where a product has features that can be selected, eg. with or without CD-Rom drive.
- ◆ After completion, works orders may be written to history for reporting purposes.
- ◆ The works order is costed at material, labour and overhead. This information is output to history for analysis.

## ***Features***

- |   |  |
|---|--|
| ◆ Fully integrated with Sage Line 100 modules | ◆ Partial release, partial issues & over/under completions including scrap |
| ◆ Full order tracking                         | ◆ Variable quantities on items   |
| ◆ Shortage control                            | ◆ Multi level production of orders   |
| ◆ Serial & batch traceability                 | ◆ Orders generated for batch quantities where specified                    |
| ◆ Multi-depots/locations                      | ◆ Full costing of orders   |
| ◆ Works order paperwork                       | ◆ Full works order history   |
| ◆ Back flush function                         | ◆ Postings to Line 100 nominal ledger                                      |
| ◆ Sub-contractor orders                       |  |