

Sage Line 500 - Routing

Records Kept

Factory patterns

- Specify shift, holiday and maintenance patterns for use in the Capacity Planning module.

Operations and tools

- Create a library of standard operations.
- Create a library of tools.
- For each operation, specify the set-up time, run time, run quantity, delay time and the minimum time in which the operation can be performed.
- Specify either a works centre or a particular machine that you want to perform a particular operation.
- Specify either skill groups or named operators who you want to set up and operate the machinery.
- Specify the tools and any additional materials required to carry out each operation.
- Set up preferred operations. For each preferred operation, specify alternatives that use, for example, a different machine or tool.
- Record details of operations that you subcontract to other companies.

Machines and work centres

- Specify the capacity of each work centre or machine.
- Record the running costs and efficiency of each machine.
- Identify the operatives who have most experience working with each machine.
- Set up work centres consisting of machines that perform the same task, to allow greater flexibility in your schedules.

Operators and skill groups

- Identify the machines that each operative can work with.
- Set up skill groups for operatives who perform similar work and who are costed at the same rate, to allow greater flexibility in your schedules.
- Choose the most appropriate operative for each operation, by specifying:
 - How efficient each operative is.
 - The order of preference in which you select operatives to carry out a specific operation.

Routes

- Define the sequence and specification of the operations that make up each route.
- Define sub-contract operations to:
 - Control movement of materials to subcontractor.
 - Specify transport costs.
 - Print control documents.
 - Control return of parts to the factory or to another sub-contractor.
- Mark significant operations in a route as milestones.

- Allow operations to overlap each other, so that your staff do not lose time waiting for one operation to be completely finished before starting the next.
- Use operation details to cost labour and overhead for route.
- Define delay time cost recovery percentage.

Tasks Supported

Bar coding

- Produce bar-coded badges for your operatives.
- Print bar codes in any report providing you have a suitable printer.

Create job costing estimates

- Add labour and overhead items to the job.

Reporting

Standard reports

- Factory Patterns.
- Skill Group Details.
- Work Centre Details.
- Machine Details.
- Operator Details.
- Tool Details.
- Machine-Operators.
- Standard Operations.
- Routes.

Housekeeping

Work in Progress

- Use milestones to report key stages in the Work in Progress module.

Rough Cut Capacity Planning

- Use information from your routes to check capacity requirements in the Rough Cut Capacity Planning module.

Job Costing

- Create an estimate in the Job Costing module for manufacturing a quantity of a particular assembly, using estimates from the route and the bill of materials.

Works Order Processing

- Route information is used as the basis for generating Works Orders.

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