ZETA
Solutions for Excellence

PRODUCTION MANAGEMENT

BRAINEIT
SOFTWARE SOLUTIONS

Production Management

Assemblies

- Specify multiple levels of assembly, each consisting of multiple components (i.e. sub-assemblies, raw materials, non-stock items).
- Record phantom sub-assemblies (i.e. assemblies which are not actually held in stock).
- Identify each component in an assembly by a sequence number.
- Include components that are not stored as inventory items (for example, items purchased specially for production).
- Include notes and instructions (comments) in the bill of material.
- Record labour and overheads.
- Record stage lead time, production stages, scrap and reject details and percentage weight-by-weight formulations.
- Hold separate units of measure for stocking and issuing components.
- Note the stage in days at which each component is needed in the manufacture of the assembly.
- Record the drawing number for reference by engineering control.
- Include text, notes and instructions for each component.
- Record revision numbers and dates when changes are made to an assembly.

Family bill of materials (also known as Planning bills or Synthetics)

- Use a generic product (or reference model) to build a family of products for planning and forecasting.
- Define the proportion of alternative products that make up the generic product.

Alternatives and supersessions

- Specify alternative components to be used if a specific component is unavailable.
- Supersede one component with another.

Maintain bill of materials

- Automatically calculate the weight of each assembly.
- Perform full parts explosion and make where-used enquiries.
- Carry out parts substitution, automatically updating components in multiple assemblies and updating details of alternatives and supersessions.

Trial kitting

- Perform an instant trial kitting enquiry to establish stock availability for a specified number of assemblies and show maximum feasible production quantity.
- Use trial kitting to explode an assembly to any level and to show alternatives and additional product information.
- Enquire into predicted future stock levels from trial kitting.

Costs and revaluation

- Revalue stock items.
- Compare rolled-up estimated production costs with costs stored in the Inventory Control module.
- Optionally, include the cost of rejects in the total production costs for each complete assembly.

Standard reports

- Indented Explosions Report. List all items in a bill, expanding sub-assemblies.
- Costed Bill of Materials Report. Calculate rolled-up production costs.
- Where Used Report. List all places where a specified component or range of components are used.
- Standard Cost Variances. List variances between the calculated and standard costs.
- Costed Losses Report. Produce a rolled-up costed losses analysis showing the cost of manufacturing, scrap and rejects.
- Remove all components that have been superseded prior to a specified cut-off date.

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Business Software Defined

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