



**Jeeves Manufacturing supports companies within all discrete manufacturing segments and simplifies all planning, controlling, and follow-up administration regarding production.**

Jeeves Manufacturing is an MRP system with support for all general production processes a company has. In contrast to many other systems on the market, the production system is completely integrated with Jeeves' other modules. This means that production is also represented in the accounting system.

The system handles all forms of order-specific manufacturing, contract manufacturing, shop-floor reporting and net requirements planning. The system also provides PDM functionality.

|  |  |
|--|--|
| <p><b>Customer order-specific manufacturing:</b></p> <ul style="list-style-type: none"> <li>• Make-to-order</li> <li>• Assemble-to-order</li> <li>• Build to-order</li> <li>• Design-to-order</li> </ul> | <p>Makes it possible to customize a product according to a customer's wishes, without needing to add a wide variety of items. Preparation times become shorter and consequently the lead-times.</p>  |
| <p><b>Customer order-specific manufacturing with order-specific bill of material:</b></p>  | <p>Components can be adjusted according to customer needs thanks to easy administration of deviations from the standard drawing. The end customer's wishes are better satisfied as well as providing a better basis for price calculation.</p> |
| <p><b>Customer order-specific manufacturing with order-specific routings:</b></p>  | <p>Deviations from the standard can be highlighted for production. Leads to faster production preparation which also means more exact delivery times. This also provides a better basis for price calculation.</p>                             |
| <p><b>Net requirements planning:</b></p>   | <p>Time spent on administration is reduced since the purchasing and manufacturing proposals are generated automatically.</p>   |
| <p><b>Net requirements planning with re-planning suggestions:</b></p>  | <p>Automatic proposals for pre- or post- setting of existing purchasing or manufacturing orders provides support for just-in-time processes. Also reduces the amount of capital tied-up.</p>   |
| <p><b>Resource planning:</b></p>   | <p>Means both control of resource-usage and resource checking.</p>   |

|   |  |
|---|--|
| <b>Resource planning using many loading types:</b>        | Control how a manufacturing order is set for execution. Possible to have both backward or forward planning as well as continual planning. Gives good control since it shows when the raw material needs to be available and when the delivery can be promised.                     |
| <b>Resource planning with detailed work load:</b>         | Test against available capacity. Gives a good view of the booking situation and the ability to promise correct delivery times.   |
| <b>Detailed product costing:</b>                          | All cost details are saved right down to the lowest level, which makes it easy to analyze costs and troubleshoot. Also increases control.  |
| <b>Detailed product costing with future pricing data:</b> | Pre-calculations take into account known prices from next year onwards. Possible to prepare new standard prices ahead of time.   |
| <b>B-O-M with fixed and adjustable quantity:</b>          | Since the system also handles the requirement for a fixed quantity regardless of the ordered amount, one gets better control over all types of necessary material and tools.   |
| <b>Replacement items:</b>                                 | Automatic replacement of expired items provides control that an expired item is replaced with the right item. This means that new manufacturing orders are correct.  |
| <b>Fictitious items:</b>                                  | Makes it possible to handle a group of items using one name, which means you can handle modules and simplify preparation and drawing maintenance.  |
| <b>Revision handled B-O-M:</b>                            | Possible to have many parallel B-O-M or monitor B-O-M by date, which means you have control over planned changes to the B-O-M.   |
| <b>Support for sub contracting:</b>                       | The system supports buying in production work as well as handling these tasks efficiently.   |
| <b>Alternative routings:</b>                              | Support for manufacturing the same item in different ways as well as the possibility of choosing the production method based on actual workload.   |
| <b>Overlapping operations:</b>                            | Faster production times since it is possible to state how long after the previous operation the next one can start.  |
| <b>Man and machine hours:</b>                             | Possible to state what limits a production resource, whether it is man or machine time. Provides a more efficient planning of resources, as well as accuracy in the estimated delivery time. Also provides better control over production costs.                                   |
| <b>Lead-time calculations:</b>                            | Lead time is calculated automatically from standard operations, which provides realistic time estimates for production.  |
| <b>Drawing alterations:</b>                               | Means that the system can change not-yet-started manufacturing orders with blue print alterations. Possibility to update current manufacturing orders with new B-O-M and operational information saves preparation time and reduces the risk of an incorrect basis for production. |

|   |   |
|---|---|
| <b>Shortage checking of components:</b>                                     | Possible to see which jobs have the available material to begin production. Means fewer stops in production.  |
| <b>Booking of material:</b>   | Possibility to tie specific material to a certain manufacturing order ensures that vital material is available. This also means fewer stops in production.  |
| <b>Dynamic safety stock:</b>  | Possible to build up a safety warehouse for planned deliveries during holidays, a dynamic safety stock. Ensures ability to deliver during stops in production.  |
| <b>Shop-floor control:</b>  | An easy way to capture real work times, which means better control over actual costs and a basis for future cost reporting.   |
| <b>Back-flushing of material/work:</b>                                      | Built-in rules for automatic registering of material means that there is no need to register certain material and/or work. Saves time since registration is triggered according to planned data.  |
| <b>Integration with financial accounting:</b>                               | Possible to represent production in the General Ledger to the required level of detail. Continual follow-up of the company's results.   |
| <b>Actual cost-calculations:</b>  | All actual costs are followed up and compared with the planned costs. Provides better cost control for production and means that information is available for analysis of system errors.  |
| <b>Graphic planning:</b>  | Gives the possibility for detailed fine-tuning and graphical overview with fast workload status over the entire or parts of the shop-floor. The work can also be easily fine-tuned using drag-and-drop. Provides good visual control over the workload situation. |
| <b>Master Scheduling:</b>   | Provides an efficient and secure requirements planning for production which follows the current manufacturing plan. Good control over expected volumes of work hours and material.  |
| <b>Role-based planning and feedback through choice of suitable program:</b> | Supports efficient and secure planning as well as feedback by supporting the user's needs and the company's various processes without customization. Provides control over the desired workflow.  |