

Manufacturing

Manufacturing in Microsoft Dynamics-NAV

Benefits:

- **Improve business performance from the shop floor to your bottom line.** Redefine your method of operations with automated manufacturing processes. Broaden the range of your focus from sales orders, to production lines, warehousing and deliveries.
- **Provide customers with information they can count on.** Make promised delivery dates with confidence of delivery. With readily available data, inform your customers with ease regarding schedule status and delivery dates.
- **Respond quickly to changing customer demands with agile manufacturing.** Rush orders, exceptions and up to the minute changes can now be accommodated with agile manufacturing.

Your customers have demands to be met. Help them meet those demands by providing up-to-the-minute status and accommodate changes they need. With more precise delivery dates and met promises, you can become your customers preferred vendor.

The screenshot displays two windows from the Microsoft Dynamics-NAV software. The top window is titled "109001 Bicycle - Planned Production Order" and shows fields for Item No. (109001), Description (Bicycle), Quantity (2), Due Date (01/31/09), and Source No. (1000). The bottom window is titled "109001 Bicycle 1000 - Prod. Order Routing" and shows a table of production operations.

Item No.	Due Date	Description	Starting Date-Time	Ending Date-Time	Quantity
1000	01/31/09	Bicycle	01/30/09 03:45 AM	01/30/09 08:00 AM	

Operation No.	No.	Description	Starting Date-Time	Ending Date-Time	Setup Time	Run Time
10	100	Wheel assembly	01/30/09 03:45 AM	01/30/09 05:59 AM	110	1
20	120	Chain assembly	01/30/09 05:59 AM	01/30/09 06:44 AM	15	1
30	130	Final assembly	01/30/09 06:44 AM	01/30/09 07:34 AM	10	2
40	110	Control	01/30/09 07:34 AM	01/30/09 08:00 AM	10	

With Production Orders you can give accurate information regarding status and delivery dates. You can let your customers know exactly where there order is at any given time.

Boost operations efficiency.

With Manufacturing in Microsoft Dynamics-NAV your company can become your customers preferred vendor. Manage production orders, bills of materials, supply planning and capacities with accuracy only a fully integrated software can deliver.

Simplify manufacturing processes.

Any size manufacturing business can benefit with manufacturing foundation. Functionality can be made as simple as necessary to as complex as needed to meet outside requirements. Manufacturing can grow with your business.

FEATURES:

Production Management	Build schedules based on product groups or categories to improve time utilization, materials, and resource allocation with unsurpassed efficiency. Decisions for make/buy can be made with real-time information at hand.
Bills of Materials (BOM)	Bill of Materials is defined to how you run your manufacturing. Multiple versions of BOM's and routings can easily be created and tracked.
Graphical scheduling	Gantt charts and drag-and-drop capabilities all for rescheduling and overall impact.
Order promising	With ATP (available to promise) and CTP (capable to promise) delivery dates can be made with confidence of fulfillment.
Supply planning	The option to implement traditional master product schedule, material requirements planning methods or plan from the sales order, production order, purchase requisition. Changes and updates can be concurrently performed. Facilitate materials flow through the supply chain with multi-location planning capabilities.
Demand forecasting	
Manual Planning	With the ability to manually plan each order, even smaller businesses can utilize Manufacturing. Manual Planning removes the complexities and barriers to usage of a full MRP system.
Capacity requirements planning	Implement realistic plans according to all incoming resource capacity demands. Set change order acceptance and reorder policy guidelines as needed. With calendars and machine center allocation tools shop floor work flow changes can be easily implemented.
Machine center allocation	Allocate work and machine centers as capacities to streamline planning. Apply finite loading calculations to capacity-constrained resources to optimize machine centers and increase planning accuracy.
Manufacturing costing	Know your costs throughout the production process. With increased information during the process improved purchases and sales can be made.
Automated Data Collection Systems (ADCS)	Collect and use accurate inventory data in real time and increase the visibility of accurate inventory data throughout your business to improve warehouse efficiency.

For more information about Manufacturing in Microsoft Dynamics-NAV, visit www.dynamicsinfo.com