

NetSuite Work Orders and Assemblies

Streamline basic manufacturing and assembly, optimise inventory and improve productivity



Manufacturers must balance managing work orders for both inventory stock production and special orders, while wholesale distributors often require basic assembly and light manufacturing to fulfil orders. NetSuite’s Work Orders and Assemblies module extends NetSuite processes with specialised capabilities for companies that need to assemble products or perform these basic manufacturing activities.

Key Benefits

- Optimised inventory levels.
- Cost reductions and avoidance.
- Productivity improvements.

Leveraging Work Orders and Assemblies, organisations can manage simple manufacturing capabilities such as the assembly of products, creating inventory products from raw materials, assembling inventory kits, calculating assembly costs and compiling materials lists.

Assembly Management

NetSuite’s assembly management capabilities enable you to more effectively manage component quantities and multi-level assemblies using revision or effectivity dates if necessary. Building on NetSuite’s core strength in inventory and warehouse management, NetSuite allows multi-level assemblies to be built one level at a time or all at once.

Work Orders

NetSuite’s work order capabilities allow manufacturers to readily plan the build process for production work orders to actively replenish inventory levels of finished goods. Alternatively, you can create special order work orders to build to exact specifications for a particular customer and order.

Bill of Materials

NetSuite’s bill of materials functionality enables you to define the components required for a single assembly plus all the components required by a particular work order. Assembly instructions can also be included in the printable BOM in PDF format. Since every build process requires a bill of materials that outlines the components required to successfully build finished goods, NetSuite tightly couples BOMs with both assemblies and work orders.

Key Capabilities

- Manufacture products and create assemblies to distribute or sell.
- Build inventory products from raw materials.
- Assemble inventory kits or assemblies before the sale of the item.
- Determine the costing and margins for an item or bundle of products.
- Compile materials lists needed to manufacture an item or items.

Bill of Materials Inquiry

Subsidiary: Honeycomb Mfg. Assembly: RAW000018 Date: 5/1/2013 Revision: 5

Component Name	Level	Quantity per Assembly	Quantity per Top Level Assembly	On Hand	Available	Back Ordered	On Order	Unit of Measure	Display Name
SHT0001	1	56	56	2,438	0	3,225	9,632	Square Feet	Plywood, 4x8 sheets
ASY0002@	1	2	2	-176	0	74	262	Each	Drawer Tower Assembly
ASY0001@	2	3	6	698	26	0	108	Each	Drawer Assy
SHT0001	3	3.5	21	2,438	0	3,225	9,632	Square Feet	Plywood, 4x8 sheets
HAN0002@	3	2	12	0	0	0	0	Each	Handle (new Design)
HAN0002R	4	1	12	0	0	0	0	Each	Casting for New Handle
SHT0001	2	0	16	2,438	0	3,225	9,632	Square Feet	Plywood, 4x8 sheets
STA0001	2	0.5	1	579	407	0	0	Gallon	Stain
ASY0001@	1	6	6	698	26	0	108	Each	Drawer Assy
SHT0001	2	3.5	21	2,438	0	3,225	9,632	Square Feet	Plywood, 4x8 sheets
HAN0002@	2	2	12	0	0	0	0	Each	Handle (new Design)
HAN0002R	3	1	12	0	0	0	0	Each	Casting for New Handle
HCV00008	1	4	4	1,422	1,246	0	16	Each	Hinge
STA0001	1	2	2	579	407	0	0	Gallon	Stain
HAN0002@	1	2	2	0	0	0	0	Each	Handle (new Design)
HAN0002R	2	1	2	0	0	0	0	Each	Casting for New Handle

Bill of Materials Inquiry provides detailed information across a BOM.

Work Order: WRK0000252 Status: Pending Build

Assembly: CFF00001 Subsidiary: Honeycomb Mfg. Date: 4/1/2013

Customer: Department: Job: Class: Memo: Production Start Date: 4/1/2013

Item	Description	Options	Available	Committed	Back Ordered	Used in Build	Quantity	Inventory Detail	Create PO	Create WO	Related Asset	Logo
FR40001	Black Picture Frame, 2"		0 Available Qty	0	3,1667	0	3,1667		Spec. Ord.			
MAT0004	Pink Hiding		0 Available Qty	0	1,5556	0	1,5556		Spec. Ord.			
GLA0003	Museum Glass		0 Available Qty	0	1,5556	0	1,5556		PLR0001314			
BAC0002	Backing		0 Available Qty	0	1,5556	0	1,5556		Spec. Ord.			
WR00002	Strong Hanging Wire		0 Available Qty	0	0	0	0					
LAB0001							2.5					

Detailed Work Order Record provides information on work orders and their status.

Demand-Based Inventory Replenishment

NetSuite allows manufacturers to dynamically set re-order points and preferred stock levels for components of assemblies as well as finished goods, based on a variety of factors including average lead time, historical or seasonal sales demand, and number of days from supply to stock. Work orders drive the demand for components as they are completed, thereby automating the replenishment of source materials and components. For companies requiring more sophisticated demand planning capabilities, NetSuite provides advanced functionality in its Demand Planning module.

Product History Tracking

NetSuite gives employees critical inventory information by maintaining a complete history for each product assembly and kit throughout the entire lifecycle. When you sell an assembly, you can show it as a single final product, or as a final product with all its components individually listed and serialised. You can use a variety of build materials, including inventory, non-inventory and service items, to assemble a final product, and use your existing inventory more cost-effectively by undoing builds and reusing their components. The warehouse maintains the complete details of an assembly, leading to more efficient tracking of component levels and improved inventory management.

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