



Dynamics Kitting

for Microsoft Dynamics 365 Supply Chain Management

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Your business can benefit from
Product Assembly that is required to get a
product to market rapidly



01

Introducing Dynamics Kitting

How to manage packing many items that are often packed together? By incorporating kits and kit resources into your sales, inventory, accounting, and pick-and-pack operations, you can improve kit management and streamline the accounting procedures linked to it.

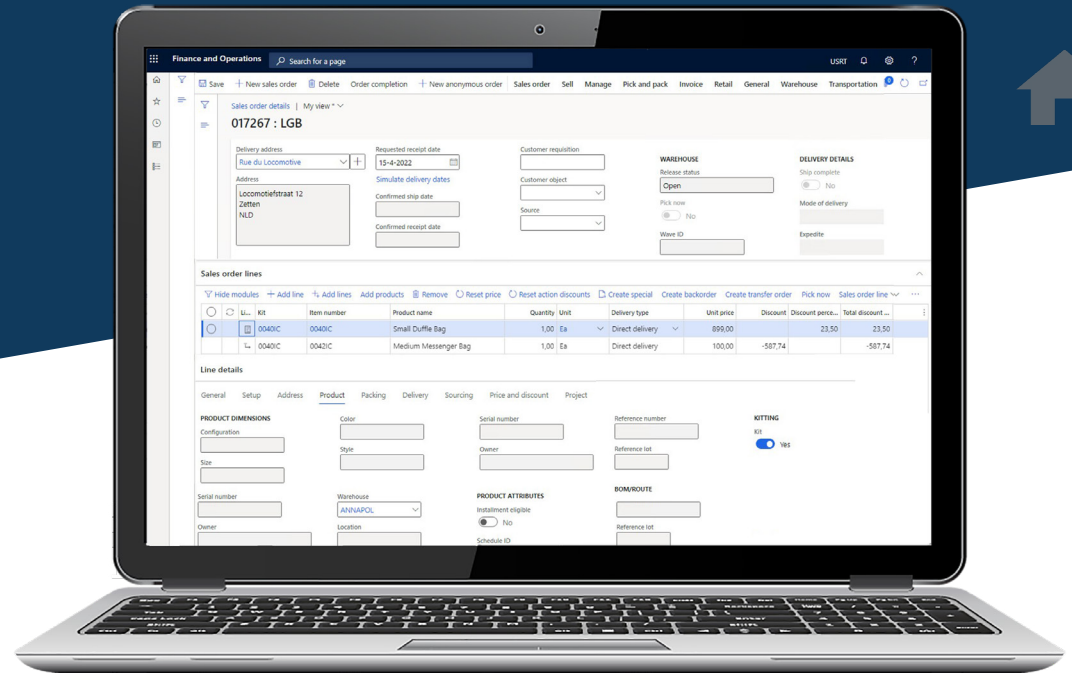
Kitting is the process of assembling a group of things into a kit. The full kitting process in manufacturing assembles all of the components a worker requires to execute a task. Kitting is the method of grouping multiple SKUs under a new SKU in order fulfillment. Kitted objects are frequently sold as a set. In manufacturing, full kitting gathers all of the components needed for an assembly task.

The entire kitting process can collect products that will be sold as subscription boxes, ensuring a quick and error-free final fulfillment procedure. Kitting, on the other hand, can pre-pack items that generally ship together in order to save time and simplify package consolidation.

Dynamics Kitting reduces warehousing requirements, enhanced manufacturing process and better inventory control.

Benefits

- ✓ Product assembly enhances production and streamlines business processes.
- ✓ Increase effectiveness with simple warehouse organization and faster checkout
- ✓ Improved inventory management to fix issues with quality and shortages.
- ✓ Multicompany enabled
- ✓ Integrated forecasting
- ✓ Return orders



Sales Order kitting Bundles

On the sales order lines a new field Kit is added. When a kit is added to the sales line, the field is default set to 'yes'. In that case, the kit is exploded and the kit components are added to the sales order. The sales line status of the kit line is set to "Cancelled". When this kit parameter is unchecked, the components lines are deleted and the sales line status of the kit line is set to "Open order".

Kit Price Calculation

ATP calculation is done for every kit

component. So, for every kit component the requested delivery date is calculated, using standard ATP logic. The latest delivery date of the components is set as the delivery dates for the kit and all kit components. This way, the kit and belonging components will have the same delivery dates.

Release to warehouse - Completeness check kits

During the release-to-warehouse process, additionally for the kit components an inventory availability check is done, to make

sure that the kit can be delivered for the full line quantity.

Return Orders

- The kit modules will be returned and can be received by creating a sales return order.
- The customer returns an assembled kit item, so the individual modules cannot be returned anymore. In this instance, the kit item itself is returned. After inspection or repair, this kit item can be sold again to the customer, by switching off the parameter 'kit item' to 'no' on the regular sales order line.



How it works

BOMs along with the 'Explode BOM' functionality on Sales Order and/or Purchase Order can be used to purchase and/or sell kits.

When the parameter Kitting is disabled, field and menu items are hidden on sales order. To prevent partial delivery of kits, the release-to-warehouse process an inventory availability check is done, to make sure that the kit can be delivered for the full line quantity. In this form a released product can be made a kit. Set the field Kit on the fast tab Engineer to Yes and the released product will behave as a kit.

It is possible to show or hide the kit component lines. When the component lines are hidden the logic concerning prices, quantities, dates, etc. still applies.

Insertion & Explosion

A sales order is created and a kit item is added to the sales line. When saving the record the kit item is 'exploded' and the kit components are added to the sales lines. The explosion is done for the active BoM of the sales line item (standard functionality). The kit price calculation is performed, which results in discount amounts on the kit component lines. When

adjusting the kit line, the component lines will be updated. Component lines cannot be deleted from the kit. When the kit line is deleted, the related component lines are removed too.

Procedure Logistics

To align the delivery dates for the sales order lines and especially for the related kit components, the function "Calculate confirmed delivery dates" will be used.

Prerequisite

Microsoft Dynamics 365 Finance & Operations



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