

Industries

- Discrete Manufacturers
- Mixed-Mode Manufacturers
- Make to Order / Job Shop
- Light Manufacturing & Assembly

Required Modules

- Advanced Manufacturing (Sage)

Suggested Modules

- Routing Step Copy (E2B)
- Enhanced Work Order Suite (E2B)

Benefits Overview

- Minimize the number of work orders created for items with similar routings and bills of material
- Split quantities to multiple work orders from a source work order
- WIP quantities and costs are split to the new work order
- Useful for moving suspect material to work orders for rework

ClientCare Plans

- Free Upgrades and Hot Fixes
- Unlimited Product Support
- Installation Assistance & Training

Split work orders to maximize production resources for items with common routes

There are many scenarios where you might want to split a work order. For example, some manufacturers create similar items with only slight variations such as color. You could easily create a work order to produce a large quantity of items which are then split off at the painting step. This is especially useful if the common operations require complex machine setups or outside processing.

Work Order Splitting is most common in make to order and job shop environments but can be useful for some discrete make-to-stock manufacturers as well. Work Order Splitting offers an alternative to Sage MAS 500 users who do not want to maintain multiple parts produced or part-specific operations on the routing and bill of material.

Simply create a work order for the quantity of components that you wish to produce and follow the routing through the operation where you wish to split off quantities and costs to other work orders.

For example, let's say that we're making 100 blue, green, and black handled shovels. You can create one work order to produce 300 shovels by splitting shovels by

splitting off 100 units to a new work order at the handle assembly step, and then, split off another 100 units to another new work order. You can use the original work order for the blue handle shovel and issue green and black handles to the other two work orders.

When you make the split, the corresponding quantities and costs are removed from work in process for the original work order and moved to the new work order.

The Work Order Splitting screen displays the quantity available at the source work order as well as the total number of units split to new work orders to-date.

Work Order Splitting is not automatic and therefore is more useful for companies who manually create work orders rather than those who create work orders through MRP. However, MRP is still useful for planning for purchased materials or if you choose to use the multiple parts produced functionality in Sage MAS 500 for planning purposes.

Product Features

Maximize Setups

Create larger quantity work orders for items that have similar machine setups. Run all parts for existing orders and then split quantities to separate orders for different upstream operations.

Split WIP Quantities

You determine how many units to split from work in process on an existing work order to a new work order. Remaining quantities are left in WIP for the source work order.

Split WIP Costs

The accumulated work in process costs associated with the number of units that you're moving to a new work order are split off the source work order to the new work order. Costs per unit are calculated based on the average work in process costs to-date for the source work order divided by the number of units on the source work order. For example, if \$1,000 in costs have accumulated in WIP and the source work order made 1,000 units, the cost for each unit would be \$1. If you split off 200 units to a new work order, the original work order would show WIP costs of \$800 and the new work order would have \$200 in WIP.

Multiple Splits

You may create an unlimited number of splits from any open work order. For example, you can split an open work order one time or dozens of times. You can also split work orders that originated from previous split orders.

Split Information

Work Order Splitting displays the quantity on the original, source work order as well as the quantity split to-date.

Rework Orders

You can split off bad quantities of parts to a new rework Work Order.

Integrated Security

Use built-in Sage MAS 500 security to assign security levels and permissions to users to prevent unauthorized use of the Work Order Splitting application

