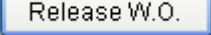
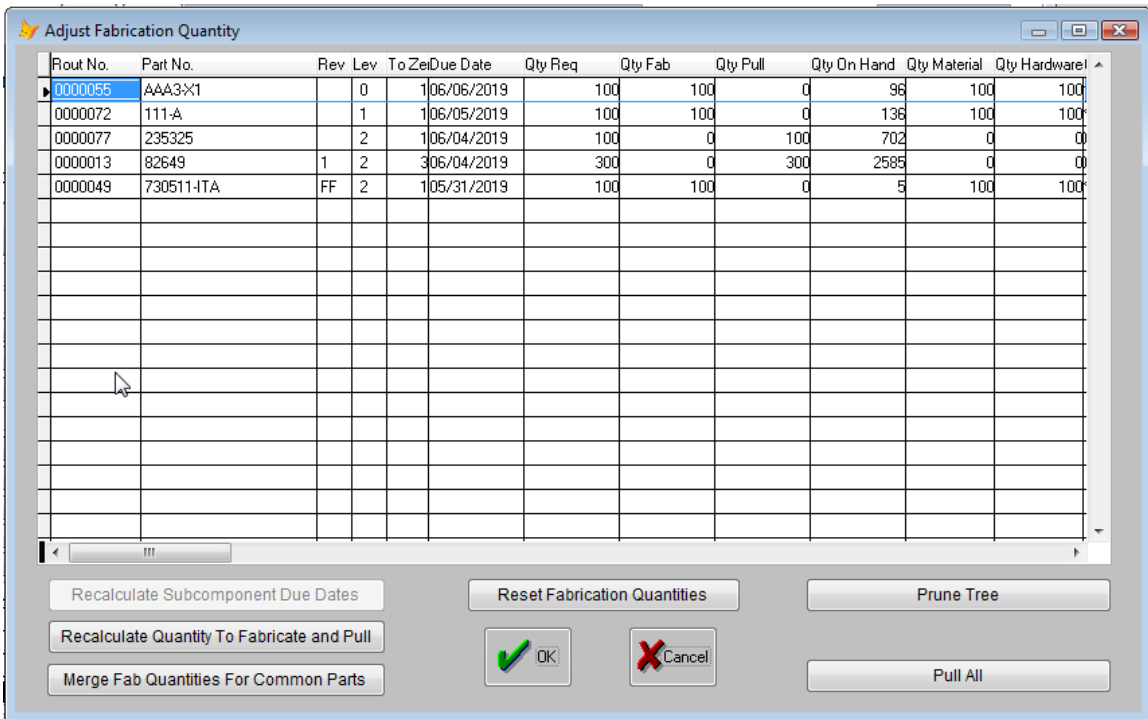


HOW TO: Work Order Release

Releasing a work order is required to put work into production. Until a work order is released there are no requirements required in manufacturing. Releasing a work order is a simple task but you should be aware of how different decisions impact how items are manufactured and inventoried.

When you release a work order you get a list of all the routers which make up the work order. Each router on the list has the option of being fabricated or pulled from inventory.

1. Release the Work order 
2. This will bring up Adjust fabrication Quantity Window



Quantity Fab vs Quantity Pull

There are two types of quantities that need to be considered when releasing work orders.

QUANTITY FABRICATE

Quantity to Fabricate is the amount of parts that are going to be actually created or manufactured directly on this work order.

QUANTITY PULL

Quantity to Pull is the quantity of parts that you are going to be pulling from existing inventory into the work order being released.

Reset Fabrication Quantities

To change the quantity fabrication and pull back to their original state based on the quantity being manufactured on the work order you can click this button.

Pull All

To change all the children of the assembly to pull and zero fabrication quantity you can click this button.

Prune Tree

Pruning removes routers and their associated requirements from the work order when they are not needed and redundant. The situation occurs when you have a parent component that is being pulled which make all the child components pull. When this situation happens you really have not requirements for the children and no need to pull or fabricate. When you prune you will end up with less routers on the assembly if you have pulls on parents of children routers.

Rule: If a parent router has a fabrication quantity of zero and a pull quantity, remove all the children because there are no requirements to make the child parts.

Merge Fab Quantities For Common Parts

If there are common components used in multiple places in an assembly you do not actually want to setup the machine and run each common component on the machine separately, you will want to manufacture them together. When you click this button entire fabrication quantity will be pulled into a single instance of that part and all the other instances will have their quantity fabricated set to 0 and pull set to the quantity required.

Recalculate Quantity To Fabricate and Pull

This option will try to determine the quantity to fabricate and pull on each router of the assembly based on existing work order requirements and inventory.

Recalculate Subcomponent Due Dates

Each router of the assembly has a component due date based on the product days setup on the router. You can change this on the grid but if you wish to recalculate these options back to its original component due dates click this button.

NOTE: This is disabled on the normal release window and is enabled when click the adjust qty button.