Co-Parts in Epicor ERP

Co-Parts or Co-Products

- In addition to the main material being made during the production process of semi-finished or finished goods, additional products that can either be used internally in other production processes or sold.
- They hold commercial value and add positively to the cost of goods manufactured.
- Production of one part creates another part at the same time:
  - Nesting
  - Stamping
  - Cutting
- In the petrochemical industry when producing crude oil, the process can also produce gasoline, diesel and kerosene.
- A Co-Part entails joint production and the cost of production can apportioned between the main product and Co-Parts.

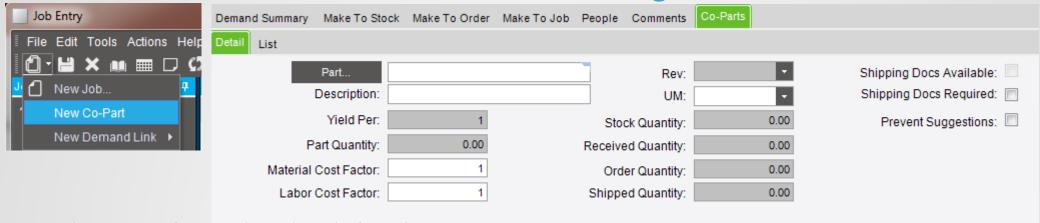CRAWFORD SOFTWARE

Co-Parts or Co-Products

Requirements:

- The functionality is only available with the Advanced Production module.

Limitations:

- Co-Part functionality is only available at the main assembly level and is not available at the subassembly level. To take advantage of co-part functionality, subassemblies must go through stock and be pulled as a material to the job.

- Serial-tracked parts cannot be co-parts.

- Configured parts cannot be co-parts.

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Job Entry

Enter the part to be produced and placed in inventory.

Material and labor cost factor are used to prorate material and labor costs between the primary part being produced and the co-part being produced.
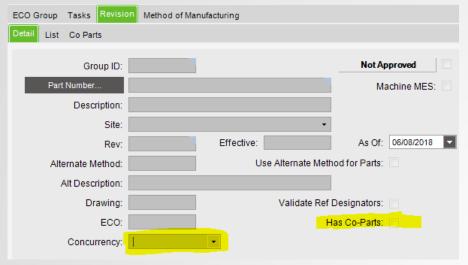
Prevent Suggestions

MRP either considers the Co-Part when creating Job Suggestions or ignores them.

Changing from sequential production mode to concurrent production mode will allow you to enter a yield per for the co-part.
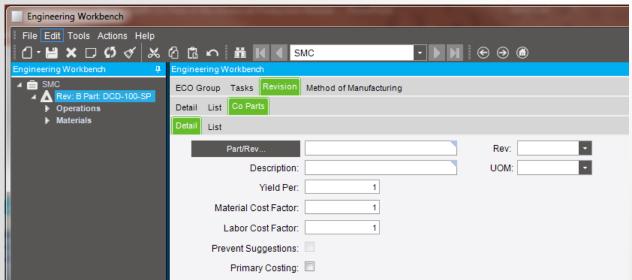
Engineering Workbench

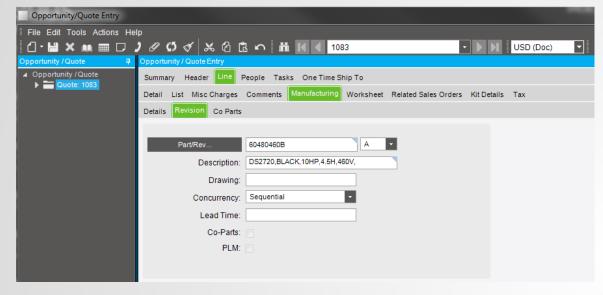Set to identify if the parts are produced concurrently or sequentially.

Prevent Suggestions
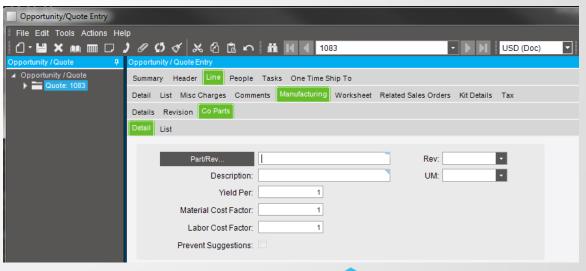MRP either considers the Co-Part when creating Job Suggestions or ignores them.
Primary Costing
When primary costing is selected a cost roll-up uses the co-part method. When left unchecked the parts costing method and standard logic is used.

Quote Entry

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Thank You

This presentation was meant to be an introduction to Co-Part functionality in Epicor ERP. For more details on the functionality including examples, costing process and more please contact Steve Burns – Steven.Burns@Crawford-Software.com

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