TRAVERSE®

ROUTING AND RESOURCES

A complete set of tools to define how and what you do

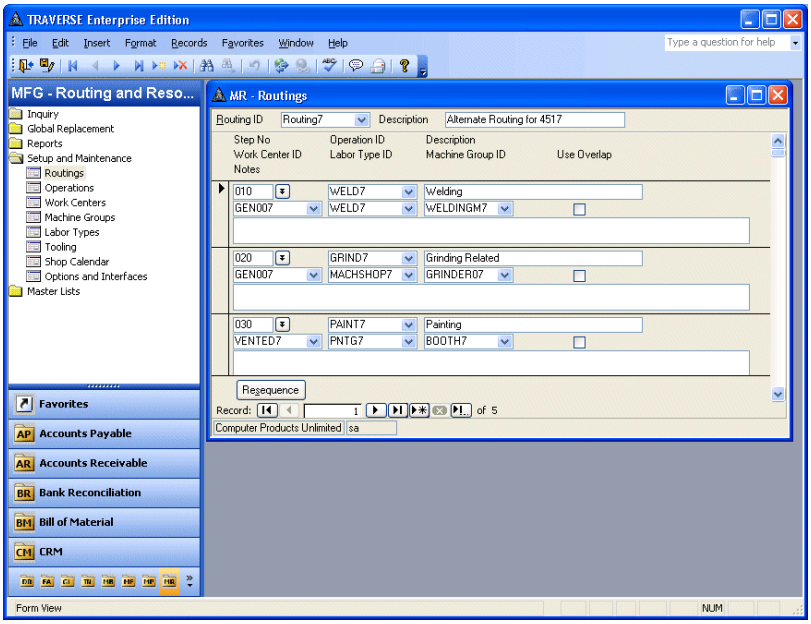
The labor, machinery, and tooling elements of manufacturing can be as crucial as the component materials you use. These are the elements that can cause production to come to a crawl and cause costs to far exceed projections. The TRAVERSE Routing and Resources application provides the functionality to define these important pieces of your manufacturing software solution.

Working with the Bill of Materials module, the Routing and Resources application defines the elements such as work centers, labor, machinery, and tooling. In terms of costs and times, these elements make up the process side of the manufacturing bill of materials.

By breaking down the process in the labor types, machine groups, and tooling, Routing and Resources enables you to define operations as a combination of these elements. Routings are then created as a set of step-by-step operations and can be used in the Bill of Materials application without needing to be recreated every time.

The system allows for the definition of queue time, setup time, run time, wait time and move times. All times are defined in terms of seconds, minutes, or hours. Overlap logic is used to determine the rate of pass-through. Flexible costing algorithms can be set up for labor and machinery. Overhead methods can be unique for each work center.

Routing and Resources also provides a sophisticated base for future customization with a comprehensive tooling database, labor and machinery pricing algorithms, and a complete shop calendar feature.



From Tooling to Labor, the Routing and Resources module is flexible enough to grow with your company.

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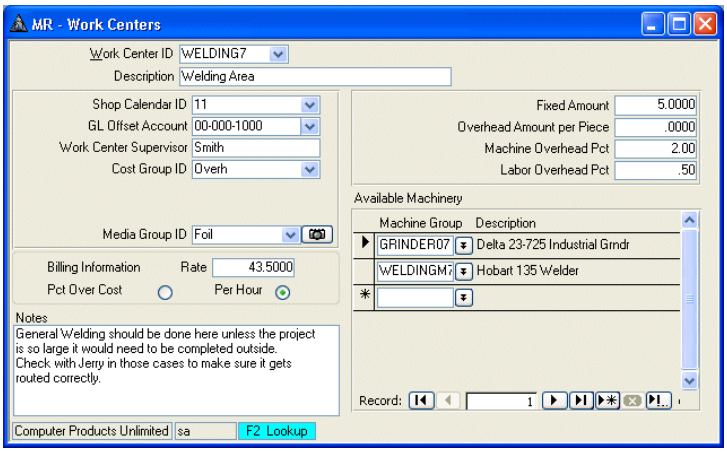
Routing and Resources Features:

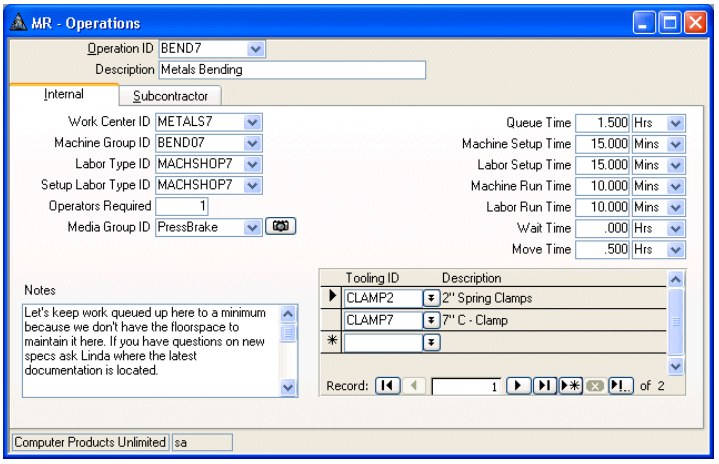
- global replacement of labor types, machine groups, tooling, etc.
- flexible overhead calculation by labor, machinery, piece, and/or flat rate
- optional required labor by machine group
- optional defined tooling by operation
- optional employee by labor type
- optional billing rate estimation
- G/L interface and account definition for costing purposes
- comprehensive user definable shop calendars
- extensive notes fields
- provision for media attachments for videos and pictures
- detailed tooling database
- flexible costing algorithms
- extra user definable fields
- complete routing setup by operation
- provision for subcontracted operations
- multiple subcontractor vendor information

Routing and Resources Reports:

- Work Center Where Used
- Labor Types Where Used
- Tooling Where Used
- Machine Groups Where Used
- Operations Where Used
- Work Centers List
- Labor Types List
- Tooling List
- Machine Groups List
- Operations List
- Routings List
- Shop Calendars List



Work Centers enable you to determine overhead costs in a variety of methods.



Operations define what you do and provide a comprehensive method of determining how long each operation takes.

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