

PRODUCTION

Keep your finger on the pulse of production

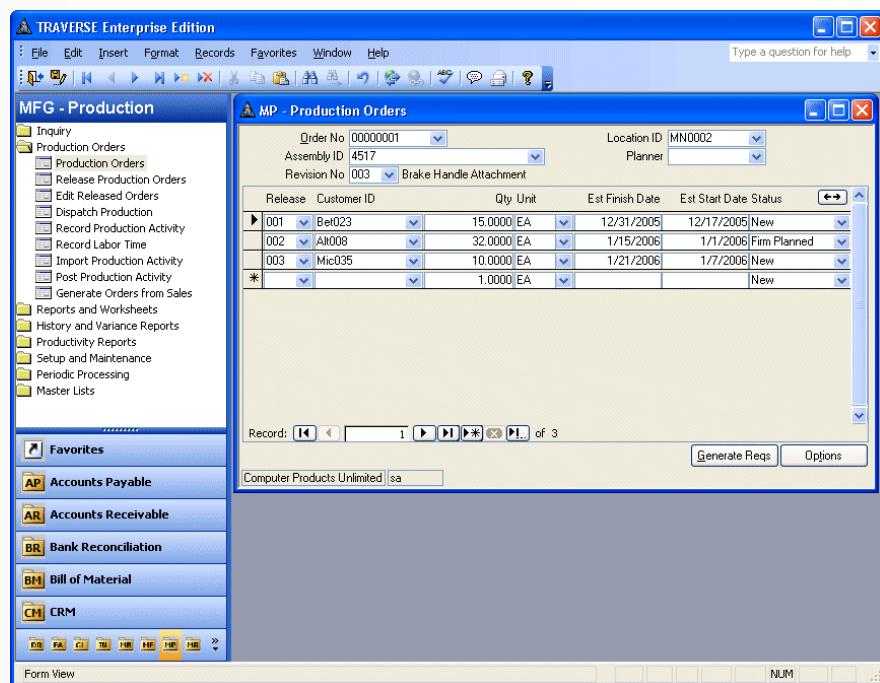
Production is where it all comes together. Your software must be able to tell you today's production status, what is going to happen next, and what happened yesterday. The TRAVERSE Manufacturing Production application is up to the test. Online inquiry into existing production orders shows percentage complete based on time and materials and gives you detailed information of the status of each production process.

Once created, production orders can be edited via the visual editor in a drilldown manner for the flexibility many manufacturing environments require. Activity recording can be imported from an external source such as an automated time card or bar code data collection system, or it can be entered manually.

A variety of worksheets can assist you in this process. Each one has a specific focus in terms of what to pull, which operation to run, and where to go next. Special worksheets help expedite subcontracted processes.

Visual tools such as videos and pictures are readily available to assist in the process. A sophisticated dispatch process allows you to set the production sequence to keep things moving smoothly.

Extensive variance reporting enables you to see when, where—and, most importantly—why variances took place in terms of time, usage quantities, and final production.



The Production module provides you with several approaches to recording production activity to make data entry as efficient as possible.

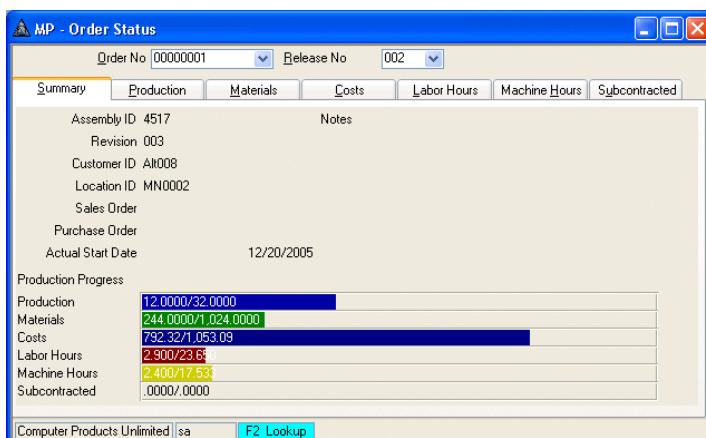
Production Features:

- handling of lot tracked and serialized inventory
- multiple releases per production order
- visual drilldown and production order editing
- priority based dispatching
- online or batch release of orders
- online updating of inventory quantities
- problem tracking by variance code
- bar code printing on worksheets
- multiple costing methods
- online status inquiry of ongoing production

- multimedia references for operations and materials
- multiple units of measure
- optional automated generation of production orders from sales orders
- optional interface to Sales Order, General Ledger, and Payroll
- variance analysis for time, material usage, and production
- backflushing at multiple levels
- scrap history

Production Reports:

- Sales Order Analysis
- Production Schedule
- Requirement Availability
- In Process Status Report
- Production Picking List
- Order Traveler
- Dispatch List
- Subcontracted Services Worksheet
- Work in Process Valuation
- Employee Time Log
- Work Center Load Profile
- Cost Variance Analysis
- Time Variance Analysis
- Quantity Variance Analysis
- Production History
- Variance Code History
- Variance Codes Master List

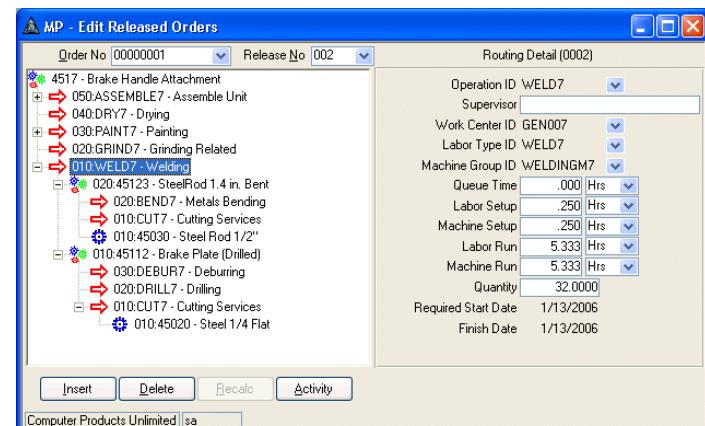


The screenshot shows the 'MP - Order Status' window. At the top, it displays 'Order No' 00000001 and 'Release No' 002. Below this, there are tabs for 'Summary', 'Production', 'Materials', 'Costs', 'Labor Hours', 'Machine Hours', and 'Subcontracted'. The 'Production' tab is selected, showing the following data:

Category	Value
Production	12.0000/32.0000
Materials	244.0000/1.024.0000
Costs	732.321.053.09
Labor Hours	2.900/23.68
Machine Hours	2.400/7.53
Subcontracted	.0000/0000

At the bottom, there are buttons for 'Computer Products Unlimited' and 'F2 Lookup'.

Production Order Entry has extensive traceability back to Sales Order for make-to-order environments.



The screenshot shows the 'MP - Edit Released Orders' window. At the top, it displays 'Order No' 00000001 and 'Release No' 002. The main area shows a hierarchical list of operations for Order 4517:

- 4517 - Brake Handle Attachment
 - 040.ASSEMBLE7 - Assemble Unit
 - 040.DRY7 - Drying
 - 030.PAINT7 - Painting
 - 020.GRIND7 - Grinding Related
 - 010.WELD7 - Welding
 - 020.BEND7 - Metals Bending
 - 010.CUT7 - Cutting Services
 - 010.45123 - Steel Rod 1/4 in. Bent
 - 010.45112 - Brake Plate (Drilled)
 - 030.DEBUR7 - Deburring
 - 020.DRILL7 - Drilling
 - 010.CUT7 - Cutting Services
 - 010.45020 - Steel 1/4 Flat

On the right side, there are various configuration fields for the selected operation (WELD7):

Operation ID	WELD7
Supervisor	
Work Center ID	GEN007
Labor Type ID	WELD7
Machine Group ID	WELDINGM7
Queue Time	.000 Hrs
Labor Setup	.250 Hrs
Machine Setup	.250 Hrs
Labor Run	5.333 Hrs
Machine Run	5.333 Hrs
Quantity	32.0000
Required Start Date	1/13/2006
Finish Date	1/13/2006

At the bottom, there are buttons for 'Insert', 'Delete', 'Recalc', and 'Activity'.

The visual explorer approach to editing orders makes changing the routing on component makeup easy and accurate.