

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 task. 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 you create them, you can edit production orders via the visual editor in a drilldown manner for the flexibility your manufacturing environment requires. You can import activity recording from an external source such as an automated time card or bar code data collection system, or you can enter it 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.

Date	Qty Completed	Component ID	Qty Scraped	Location ID	Total Cost	Unit Cost	Unit	Variance Code	Notes
2/18/2011	118.0000	M200	0.0000	M10002	11.80	0.1000	SQDN		
2/21/2011	384.0000	M200	0.0000	M10002	38.40	0.1000	SQDN	OperEr	
2/22/2011	14.0000	M200	0.0000	M10002	1.40	0.1000	SQDN		

The Record Production Activity function allows you to easily tell the system how much of a raw material or stocked subassembly was used, how much scrap was incurred, labor and machine times, subcontracting information, and so on.

- Seamless optional interface to Sales Order, General Ledger, and Payroll.
- Easily handle lotted and serialized inventory, and perform multiple releases per production order.

Production Features:

- perform visual drilldown and production order editing
- use priority-based dispatching
- release orders online and in batches
- update inventory quantities online
- track problems by variance code
- print barcodes on worksheets
- set up multiple costing methods
- conduct online status inquiries of ongoing production
- use multimedia references for operations and materials
- employ multiple units of measure
- generate automated production orders from sales orders
- perform variance analysis for time, material usage, and production
- backflush at multiple levels
- retrieve scrap history

Production Reports:

- Sales Order Analysis
- Production Schedule
- Requirement Availability
- Production Picking List
- Order Traveler
- Subcontracted Services
- Dispatch List
- Order Status
- Work in Process Valuation
- Employee Time Log
- Work Center Load Profile
- Resource Availability
- Subcontractor Status Report
- Cost Variance Analysis
- Time Variance Analysis
- Production Variance Analysis
- Transaction History
- Production History
- Variance Code History

Release Number	Customer ID	Qty	Unit	Est Finish Date	Est Start Date	Status
1	Bet023	4.0000	EA	3/19/2007	3/5/2007	In Process
3	Arg026	10.0000	EA	8/12/2011	7/29/2011	New
4	Bit020	5.0000	EA	7/13/2011	6/29/2011	New
5	Aht008	1.0000	EA	7/29/2011	6/25/2011	New
6	Cel017	51.0000	EA	8/25/2011	8/11/2011	New
7	Com005	5.0000	EA	9/25/2011	9/12/2011	New
8	Env024	6.0000	EA			
9	Meg006	7.0000	EA			

Powerful interactive views provide access to key status information for in-process orders.

Order No	Rel No	Customer ID	Revision	Assemb	Sales	Customer PO No	Location ID	Qty	Sta	Est Start	Est Finish
00000001	1	Bet023	1	M2001			MN0002	4.0000	In Pro...	3/5/2007	3/19/2007

Production	Components	Processes	ByProduct	SubContracted	SubAssemblies
5	M732	Clear Wood Seal	MN0002	16.0000	16.0000
10	M273	Wood (Pine) 2x4x8	MN0002	12.0000	0.0000
12	M2943	Lag Bolts 1.5 in	MN0002	24.0000	0.0000
22	M250	Steel Cross Tubing 3 x 1.5" Unpaint	MN0002	192.0000	0.0000
26	M250	Steel Cross Tubing 3 x 1.5" Unpaint	MN0002	208.0000	0.0000
30	M250	Steel Cross Tubing 3 x 1.5" Unpaint	MN0002	400.0000	0.0000
33	M250	Steel Cross Tubing 3 x 1.5" Unpaint	MN0002	384.0000	0.0000
38	M250	Steel Cross Tubing 3 x 1.5" Unpaint	MN0002	768.0000	0.0000
43	M260	Sheet Steel 5' x 4'	MN0002	576.0000	0.0000
45	M712	Paint All Purpose Green 17B	MN0002	12.0000	0.0000
47	M3038	Wheels, Caster 3" Plate	MN0002	16.0000	0.0000
48	M2927	Lock Washer 3/8	MN0002	64.0000	0.0000
49	M2963	Nut 3/8	MN0002	64.0000	0.0000