

## Serial and Lot Control

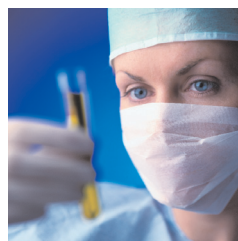
Throughout the Horizons Manufacturing Suite (HMS) modules, "cradle to grave" serial and lot control can be enabled with the use of the Serial/Lot module.

Manufacturers in regulated industries striving to find the right balance between control and cost of control will find that the Serial or Lot number tracking per item through unlimited multiple levels of Bills of Material and production is supported with tools to aid entry and selection of the control numbers:

- Counters to support the creation of new numbers at each level of production may be attached to parent items with values that can be changed or modified at the users discretion
- Recommended lots or serial numbers to consume can be prompted by the system for the users confirmation or adjustment
- Rejected items can be removed from the process and tracked for final disposition with password protection for authorized access
- Serial/Lot apply windows disperse selected items across multiple assemblies and printed reports can provide production with specific assembly direction and assignment
- Numbers can be selected or uploaded using bar code readers for efficiency and accuracy of record keeping
- Inquiry and reporting tools identify work orders, sales orders and customers at the point of consumption for control items
- Warranty activities, returns and other verification tasks are simplified with lookup tools
- Serial and lot information is enhanced with a full set of lookup inquiries and reports related to historical production events

### Industries Served:

- Food Processing
- Medical Devices
- Computer Assembly
- Brewing
- High Tech Engineering
- Custom Machinery
- Recreation and Specialty Vehicles



## Serial or Lot Inquiry through Multiple Levels of BOM

**Production Serial Lot Inquiry**

Identify work order, Sales Order, Customer Number and Name

Find: [ ] Find SerialLot: TEST3

Work Order Number/Seq #	Serial/Lot Number	Item Number	Customer ID	Quantity
WO-0000105	1 TEST11	FG-F-SN-0-2-001		1
FG Fifo Serial 0, 2				
WO-0000068	1 TEST3	FG-F-SN-0-2-001	A.ARONFIT0001	1
FG Fifo Serial 0, 2				
Aaron Fitz Electrical				
WO-0000100	1 TEST4	FG-F-SN-0-2-001		1
FG Fifo Serial 0, 2				
WO-0000101	1 TEST6	FG-F-SN-0-2-001		1
FG Fifo Serial 0, 2				

Cradle to grave serial/lot control links all levels of work orders to identify final point of customer consumption, with date and quantity information.

## Select or Accept suggest Lot or Serial Numbers:

**Production Serial/Lot Entry**

WO: WO-00001134, Qty: 7,700, Qty to Post: 7,700

Item Number	I	C	M	L	Item Description	Symbols	Location Code	WO Qty	Qty To Post	Qty Allocated	Wc
COCOA 1					cocoa level 1 pure	L	RM	115.000	0.000	115.000	wc
FRUCTOSE					fructose	L X	RM	850.000	0.000	850.000	wc
GUAR					guar gum	L	RM	277.000	0.000	277.000	wc
GUAR					guar gum	L	RM	100.000	0.000	100.000	wc

**Lot Number Entry**

Lot Qty: 0.000

Lot Number	Qty Available	Bin Number	Date Received	Exp Date	Attributes	Lot Number	Date Recvd	Cost	Lot Quantity	Bin Number
FRUC001	45,733.44	DEFAULT	2/27/2007	0/0/0000		FRUC001			850.000	
FRUC003	9,150.00	DEFAULT	2/27/2007	0/0/0000						
LOT55	10,000.00	DEFAULT	2/28/2007	0/0/0000						

Locate all available lots or serial numbers for production run, accept default suggestions or select desired items. Confirm attributes, costs, received or expire dates before use.

