

Dynamics SL Supplemental Series



Dynamics SL Material Requirements Planning

The Solomon Material Requirements Planning module enables both make-to-order and make-to-stock manufacturers to automatically create time phased planning documents to satisfy customer demand. With Material Requirements Planning, you will be able to determine what inventory to make, what to buy and when to execute.

The Solomon Material Requirements Planning module is designed to save time and effort in the planning, forecasting and fulfillment of customer demand.

- Automatically collects Order Management sales data to identify independent demand.
- Determines dependent demand through multi-level Solomon Bill of Materials.
- Holds and consumes time phased forecast information.
- Allows planners to peg planned production back to source of demand and schedule and prioritize production and purchasing.
- Utilizes a shop calendar to avoid planning and scheduling on weekends and holidays

Planning Inquiry (MR.100.00)

Item: ORETRO24 Premier Edition Retro-Bike (24" size) Site: 200 Building 200

Drill	Description	4/30	5/2	5/7	5/24	5/31	6/2	6/3	6/10	6/17	6/24
1	Planned On Hand	3.00	1.00	3.00	2.00	1.00	0.00	0.00	3.00	2.00	1.00
2	Forecast	-2.00	0.00	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Sales Orders and Demand	0.00	0.00	0.00	-1.00	-1.00	0.00	-1.00	-1.00	-1.00	-1.00
4	Receipts	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Avail to Prom (or Net Requrd)	1.00	3.00	2.00	1.00	0.00	0.00	-1.00	2.00	1.00	0.00
6	Planned Receipts	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00
7	Planned Releases	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Drill Down and Pegging (MR.110.00)

Component: ARBOLT Site: 200 Peg From: 4/26/2004 Peg To: 4/26/2004

Carriage Bolt

Detail (F4 - for grid/form view)

Parent Item	Parent Site	Plan Date	Parent Reference	Type	Planned Order	Quantity	Top Item	Top Site
28	ORETRO24	4/26/2004	00009	Planned Work Order (W/O)	0000515611	-24.00	ORETRO24	200
29	ORETRO24	4/26/2004	00010	Planned Work Order (W/O)	00005798	-144.00	ORETRO24	200
30	ORETRO24	4/26/2004	00011	Planned Work Order (W/O)	0000580102	-48.00	ORETRO24	200
31	ORETRO24	4/26/2004	00012	Firm Planned Order (MRP)	000000000000016	-36.00	ORETRO24	200
32	ORETRO24	4/26/2004	00001	Planned Work Order (W/O)	00000000002	-48.00	ORETRO24	LA
33	ORETRO24	4/26/2004	00002	Planned Work Order (W/O)	00000000003	-48.00	ORETRO24	LA
34	ORETRO24	4/26/2004	00003	Planned Work Order (W/O)	00000000006	-48.00	ORETRO24	LA
35	ORETRO24	4/26/2004	00004	Planned Work Order (W/O)	00005772	-24.00	ORETRO24	LA
36	ORETRO24	4/26/2004	00005	Planned Work Order (W/O)	0000577201	-24.00	ORETRO24	LA
37	ORSEATASSEMBLY	4/26/2004	00001	Parent Item Planned Release	000000000000071	-291.00	ORSEATASSEMBLY	200
38			Total			-5797.00		

0060 SYSADMIN 4/27/2004

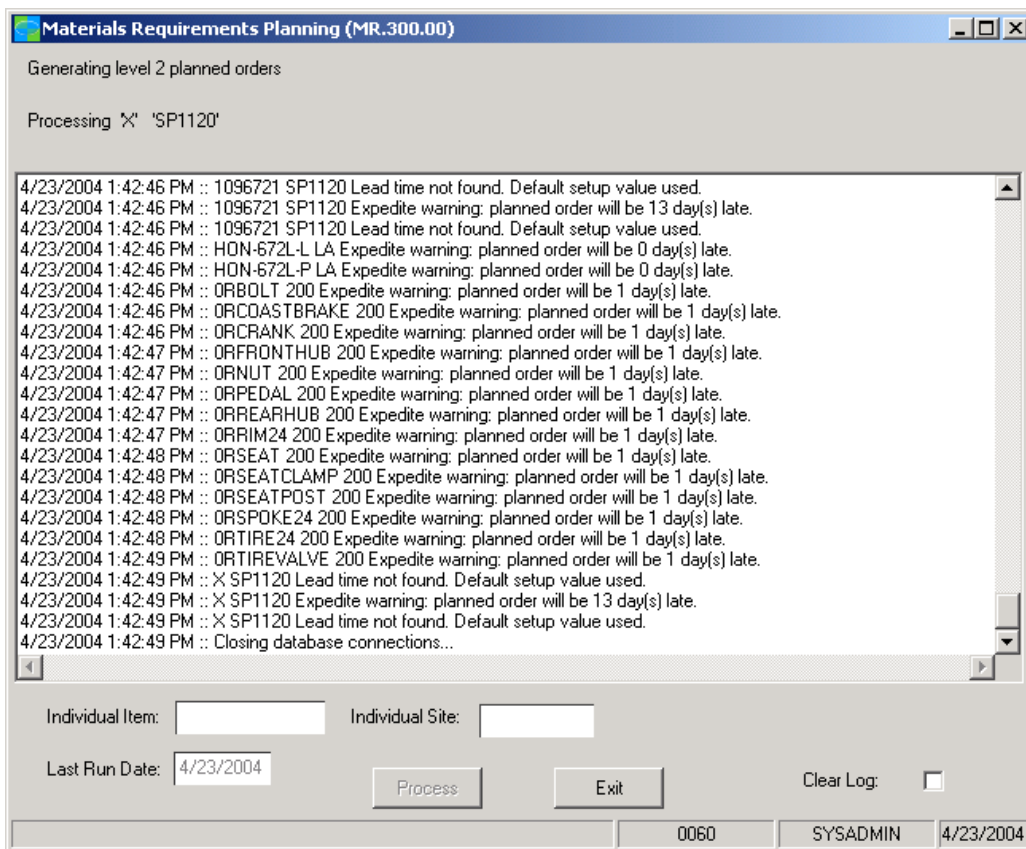
Callouts:

- Drill down features to view detail information
- Time phased planning with supporting calendar function
- When to execute to fulfill demand

Material Requirements Planning

Features and Benefits

- Reduce inventory investment by making what you need when you need it.
- Find shortages and reduce expediting using the MRP message information available for analysis and expediting.
- Save time manually creating Work Orders or Purchase Orders.
- Be more responsive to changing demand and new customer priorities.
- Setup and manage phantom bills of material.
- Support manufacturing planning at multiple sites.
- Implement a supply chain network, including distribution requirements planning (DRP) by linking supply and demand sites.



Supported Dynamics SL Versions

Version 6.0 or greater

Required Dynamics SL modules: Inventory, Order Management, Purchasing, Work Order, Bill of Material, Customization manager



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