

Material Requirements Planning (MRP)

JAMS
JAMS Advanced Manufacturing Software

The art of balancing supply and demand is critical to any manufacturing organization. The JAMS MRP module is a powerful planning tool that enables your organization to satisfy customer requirements, while maintaining optimal inventory levels.

The MRP Tickler screen indicates when action needs to be taken to meet demand.

Benefits:

Sales activities, Master Production Schedules (MPS), and forecasts can be viewed in one centralized location

Flexible selection criteria for creation of purchase and/or production orders

Provides recommendations to manage changes to firm production and/or purchase orders

Item specific drill down allows for a running balance of inventory pegged to higher level components

Plan	Inventory ID	Source	Site	Quantity	Unit	Action Date	Promise Date	Type	Reference
1	BAL100	Purchase	COL	3.75000	EA	12/12/2008	12/16/2008	Production Material	M000001926
2	BAL200	Purchase	COL	7.50000	EA	12/12/2008	12/16/2008	Production Material	M000001926
3	BAL300	Purchase	COL	3.75000	EA	12/12/2008	12/16/2008	Production Material	M000001926
4	INRGLC200	Purchase	COL	6.25000	EA	12/12/2008	12/16/2008	Production Material	M000001926
5	INRGLC300	Purchase	COL	6.25000	EA	12/12/2008	12/16/2008	Production Material	M000001926
6	INRRC400	Purchase	COL	6.25000	EA	12/12/2008	12/16/2008	Production Material	M000001926
7	BAL100	Purchase	COL	1.00000	EA	12/15/2008	12/17/2008	Production Material	M000001923
8	BAL100	Purchase	COL	1.00000	EA	12/15/2008	12/17/2008	Production Material	M000001924
9	BAL100	Purchase	COL	1.00000	EA	12/15/2008	12/17/2008	Production Material	M000001925
10	CLB100	Purchase	COL	15.00000	EA	12/15/2008	12/17/2008	Production Material	M000001926
11	CLG200	Purchase	COL	7.50000	EA	12/15/2008	12/17/2008	Production Material	M000001926
12	GR-9000	Purchase	COL	22.00000	EA	12/15/2008	12/16/2008	Production Material	M000001926
13	STCL	Purchase	COL	8.75000	EA	12/15/2008	12/17/2008	Production Material	M000001926

Inventory ID	Type	Ref Type	Reference	Quantity
1 9109990	Delete	Production	M0000180	1.000
2 9109990	Delete	MPS Planning Order	MPS000004	8.000
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Displays orders that need immediate attention.

“When Manufacturing is Your Business™”

Material Requirements Planning Module

- MRP by Groups
- Bucketless System
- Transfer Recommendations
- Supports Pegging
- Sales Forecasting Capability
- Multi-Site Demand Planning
- Reorder Point/Safety Stock Levels
- Master Production Scheduling
- Multi-Site/Bin Location Planning
- Full Regeneration/Net Change
- Generates Purchase/Production Recommendations
- Microsoft Dynamics® SL Project Integration

Demo Mode - Master Production Schedule (AM.M12.00)

Inventory ID: DL-3200
Deluxe Pen GS

Detail (F4 for grid/form view)

	Plan Date *	Type *	Site *	Quantity	Unit *	BOM ID	Project ID	Task ID	Active
1	11/28/2008	MPS	COL	100.00000	EA	0000000054			<input type="checkbox"/>
2	12/19/2008	MPS	COL	100.00000	EA	0000000054			<input checked="" type="checkbox"/>
3	1/23/2009	MPS	COL	100.00000	EA	0000000054			<input checked="" type="checkbox"/>
4									<input type="checkbox"/>
5									<input type="checkbox"/>
6									<input type="checkbox"/>
7									<input type="checkbox"/>
8									<input type="checkbox"/>
9									<input type="checkbox"/>
10									<input type="checkbox"/>
11									<input type="checkbox"/>
12									<input type="checkbox"/>

Plan future production requirements.

Demo Mode - MRP Detail Inquiry (AM.M22.00)

Inventory ID: DL-3200
Deluxe Pen GS

Site ID: COL

MRP Item Qty On Hand: 1255.00000
Unit: EA

Detail (F4 for grid/form view)

	Type	Reference	Ref Line	Ref Sched	Promise	Quantity
1	Production Order	M00000 1866			11/6/2008	100.000
2	Production Order	M00000 1867			11/7/2008	100.000
3	MPS	MPS000007	-32704		12/19/2008	100.000
4	MPS	MPS000008	-32640		1/16/2009	100.000
5						
6						
7						
8						
9						
10						

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View inventory activity within a specific site.

About JAMS

JAMS is a series of manufacturing modules that directly integrates with Microsoft Dynamics® SL. Designed and built around Microsoft SQL Server, the system accommodates powerful reporting and customer inquiry capabilities. JAMS provides your company with detailed visibility into the manufacturing functions of your business. For more information about JAMS please visit www.jaas.net.

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