

Satisfy Customer Requirements While Maintaining Optimal Inventory Levels Using the Powerful Acumatica Manufacturing Edition MRP Planning Tool

Generate time-phased manufacturing and purchasing plans for optimal inventory availability tied to forecast and customer demands. Reduce inventory while improving customer service and avoiding shortages.

MRP DISPLAY

- This core MRP screen shows the planner exactly what needs to be purchased and/or produced.
- All supply and demand can be viewed from this one centralized location.
- Production and Purchase Orders can be created directly from this screen.

FULL REGENERATION

- Schedule regeneration to run anytime, day or night.
- All existing planned orders for all items are eliminated.
- MRP starts over, calculating gross and net requirements, and then replans what materials are required to either be produced or purchased.

MASTER PRODUCTION SCHEDULE

- Drive your plan and your plant from the Master Production Schedule (MPS).
- MRP plans all requirements based upon MPS.
- MPS will be treated as a pre-planned production order and will act as a supply for other demand requirements.

KEY BENEFITS

COORDINATE ACTIVITIES

- Manage your entire business with complete, real-time information for your operations
- Coordinate labor, machines, and inventory and optimize your company's processes

STAY ON ONE PLATFORM AS YOU GROW

- Adapt the software to meet your changing needs
- Leverage powerful features and functions for multiple production environments

MRP EXCEPTION MESSAGES HANDLE PROBLEMS WITH EASE

- Shows the planner recommendations to defer, expedite, and delete supply items
- Identify late orders and display any transfers that are available from another warehouse or site

Inventory ID	Description	Source	Warehouse	Base Qty	Action Date	Promise Date	Preferred Vendor ID	Type	Reference Mbr
AMSCFCT10	Sheet Metal 10 Gauge	Purchase	WHOLESALE	4.9900	11/22/2016	12/2/2016	AVENDORC	MRP Requirement	SC000395
AMSCBROAD	Circuit Board	Purchase	WHOLESALE	688.0000	11/24/2016	12/2/2016	ACTIABYST	MRP Requirement	SC000395
AMSLACKDYE	Black Dye	Purchase	WHOLESALE	469.0000	11/26/2016	12/2/2016	INDIGLRAL	MRP Requirement	SC000395
AMSEBISTOR	Resistor	Purchase	WHOLESALE	1.992.0000	12/2/2016	12/2/2016	ACTIABYST	MRP Requirement	SC000395
AMSSC	Base Unit	WHOLESALE	WHOLESALE	469.0000	12/2/2016	12/12/2016		MRP Requirement	SC000395
AMFLUPIC	Pump	Purchase	WHOLESALE	500.0000	12/2/2016	12/12/2016	PUREWATER	MRP Requirement	SC000395
AMMSHMBAN	Wire Harness	Purchase	WHOLESALE	1.000.0000	12/7/2016	12/12/2016	ELEFASTCOM	MRP Requirement	SC000395
AMPCB	Printed Circuit Board	Manufact.	WHOLESALE	468.0000	12/8/2016	12/27/2016		MRP Requirement	SC000395
AMSCBTRAY	Drip Tray	Purchase	WHOLESALE	469.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMSSSREW	Stainless Steel Screws	Purchase	WHOLESALE	988.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMSSSHUNT	Resistor	Manufact.	WHOLESALE	500.0000	12/12/2016	12/27/2016		MRP Requirement	SC000395
AMFSCREW	Flat Head Screws	Purchase	WHOLESALE	2.000.0000	12/16/2016	12/20/2016	ASARHARD	MRP Requirement	SC000395
AMFELER	Internal Purifying Filter	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMSCORSEV	Water Reservoir	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMSCASSING	Housing	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	CONHAMED	MRP Requirement	SC000395
AMSCBOARD	Circuit Board	Purchase	WHOLESALE	100.0000	12/26/2016	1/10/2017	ACTIABYST	Production Material	000003
AMSLDRDS	Keyping Motor 400	Manufact.	WHOLESALE	500.0000	12/27/2016	3/31/2017		Sales Order	SC000395
AMNSGLESH	Single Hung Doors	Manufact.	WHOLESALE	1.0000	1/16/2017	1/16/2017		Sales Order	SC000395
AMNSGLESH	Single Hung Doors	Manufact.	WHOLESALE	1.0000	1/25/2017	1/25/2017		Sales Order	SC000395
AMNSGLESH	Single Hung Doors	Manufact.	WHOLESALE	1.0000	2/9/2017	2/9/2017		Sales Order	SC000395
AMRSBISTOR	Resistor	Purchase	WHOLESALE	100.0000	2/9/2017	2/13/2017	ACTIABYST	MRP Requirement	SC000395
AMSCBLKABLE	D5 Black Able	Manufact.	WHOLESALE	24.0000	2/10/2017	2/10/2017		Sales Order	SC000394
AMPCB	Printed Circuit Board	Manufact.	WHOLESALE	49.0000	2/10/2017	2/10/2017		SafetyStock	SC000395
AMSSSREW	Stainless Steel Screws	Purchase	WHOLESALE	200.0000	2/10/2017	2/13/2017	ASARHARD	SafetyStock	SC000395
AMCABARY	Little Tiles Bolt In Bright Table A	Transfer	RETAIL	7.0000	2/13/2017	2/13/2017	CONNETHENN	SafetyStock	FC01000002
AMBLKBLKCAPS	Black Bottle Caps	Purchase	WHOLESALE	320.0000	3/17/2017	3/28/2017	AVENDORC	MRP Requirement	SC000395

Maintain optimal inventory levels while keeping your customers happy

MATERIAL REQUIREMENTS PLANNING FEATURES AND CAPABILITIES

- Forecasting** Forecasts can be calculated or entered manually. These forecasts can be dependent and consumed by sales orders, or they can be independent. Input forecasts as one-time, weekly, monthly, or yearly.
- MRP Detail** Review and execute the complete material plan through MRP screens that show all activity, orders, requirements, balances, and recommendations for an inventory item.
- Bucketless System** Enhance your manufacturing resource planning by planning every requirement for every item. Acumatica MRP does not ignore detail by grouping requirements together.
- Multi-Site Planning** Controls whether MRP will plan requirements by site or by a combination of sites.

Inventory ID	Type	Ref Type	Reference	Quantity Required	Process Date	Warehouse	Supply Qty	Supply Warehouse
ACCOMPUT01	Debit	Production Order	0000001	0.0000	12/21/2016	WHOLESALE	0.0000	
ACCOMPUT01	Later Order	Production Order	0000001	0.0000	12/21/2016	WHOLESALE	0.0000	
AMFCB	Expense	Production Order	0000003	1.0000	12/27/2016	WHOLESALE	0.0000	
AMFCB	Later Order	Production Order	0000003	1.0000	12/27/2016	WHOLESALE	0.0000	
AMFCB	Order	Production Order	0000018	1.0000	2/12/2017	WHOLESALE	0.0000	
AMFCB	Later Order	Production Order	0000018	1.0000	2/12/2017	WHOLESALE	0.0000	
INCOEN01	Debit	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN01	Later Order	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN02	Debit	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN02	Later Order	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN03	Debit	Purchase Order	0000009	0.0000	10/22/2013	WHOLESALE	0.0000	
INCOEN03	Later Order	Purchase Order	0000009	0.0000	10/22/2013	WHOLESALE	0.0000	
ACCOMPUT01	Debit	Purchase Order	0000008	0.0000	11/30/2016	WHOLESALE	0.0000	
ACCOMPUT01	Later Order	Purchase Order	0000008	0.0000	11/30/2016	WHOLESALE	0.0000	
AMRSEB026	Expense	Purchase Order	0000024	80.0000	2/12/2017	WHOLESALE	0.0000	
AMRSEB026	Later Order	Purchase Order	0000024	80.0000	2/12/2017	WHOLESALE	0.0000	
AMRSEB026	Expense	Purchase Order	0000024	4.0000	12/20/17	WHOLESALE	0.0000	
AMRSEB026	Later Order	Purchase Order	0000024	4.0000	12/20/17	WHOLESALE	0.0000	
COBMB02	Debit	Transfer Supply	0000043	0.0000	2/9/2016	WHOLESALE	0.0000	
COBMB02	Later Order	Transfer Supply	0000043	0.0000	2/9/2016	WHOLESALE	0.0000	

Handle exceptions with ease

Inventory ID	Type	Ref Type	Reference	Quantity Required	Process Date	Warehouse	Supply Qty	Supply Warehouse
ACCOMPUT01	Debit	Production Order	0000001	0.0000	12/21/2016	WHOLESALE	0.0000	
ACCOMPUT01	Later Order	Production Order	0000001	0.0000	12/21/2016	WHOLESALE	0.0000	
AMFCB	Expense	Production Order	0000003	1.0000	12/27/2016	WHOLESALE	0.0000	
AMFCB	Later Order	Production Order	0000003	1.0000	12/27/2016	WHOLESALE	0.0000	
AMFCB	Order	Production Order	0000018	1.0000	2/12/2017	WHOLESALE	0.0000	
AMFCB	Later Order	Production Order	0000018	1.0000	2/12/2017	WHOLESALE	0.0000	
INCOEN01	Debit	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN01	Later Order	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN02	Debit	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN02	Later Order	Purchase Order	0001014	0.0000	10/20/14	WHOLESALE	0.0000	
INCOEN03	Debit	Purchase Order	0000009	0.0000	10/22/2013	WHOLESALE	0.0000	
INCOEN03	Later Order	Purchase Order	0000009	0.0000	10/22/2013	WHOLESALE	0.0000	
ACCOMPUT01	Debit	Purchase Order	0000008	0.0000	11/30/2016	WHOLESALE	0.0000	
ACCOMPUT01	Later Order	Purchase Order	0000008	0.0000	11/30/2016	WHOLESALE	0.0000	
AMRSEB026	Expense	Purchase Order	0000024	80.0000	2/12/2017	WHOLESALE	0.0000	
AMRSEB026	Later Order	Purchase Order	0000024	80.0000	2/12/2017	WHOLESALE	0.0000	
AMRSEB026	Expense	Purchase Order	0000024	4.0000	12/20/17	WHOLESALE	0.0000	
AMRSEB026	Later Order	Purchase Order	0000024	4.0000	12/20/17	WHOLESALE	0.0000	
COBMB02	Debit	Transfer Supply	0000043	0.0000	2/9/2016	WHOLESALE	0.0000	
COBMB02	Later Order	Transfer Supply	0000043	0.0000	2/9/2016	WHOLESALE	0.0000	

Generate highly accurate forecasts with a few clicks

ABOUT ACUMATICA

Acumatica is the world's fastest growing provider of cloud ERP, with the industry's highest customer satisfaction rating trusted by companies across diverse industries. Acumatica is easy-to-use, full-featured and mobile software. With unlimited users, everyone can have a real-time view of your business anytime, anywhere.

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