

## 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
AMSCCT10	Sheet Metal 10 Gauge	Purchase	WHOLESALE	4.9900	11/22/2016	12/2/2016	AVENDORC	MRP Requirement	SC000395
AMSCBOARD	Circuit Board	Purchase	WHOLESALE	688.0000	11/24/2016	12/9/2016	ACTIABYST	MRP Requirement	SC000395
AMBLACKDYE	Black Dye	Purchase	WHOLESALE	469.0000	11/26/2016	12/2/2016	INDGLOBAL	MRP Requirement	SC000395
AMRESISTOR	Resistor	Purchase	WHOLESALE	1.992.0000	12/2/2016	12/9/2016	ACTIABYST	MRP Requirement	SC000395
AMBASE	Base Unit	Manufacture	WHOLESALE	449.0000	12/2/2016	12/12/2016		MRP Requirement	SC000395
AMPLUMP	Pump	Purchase	WHOLESALE	500.0000	12/5/2016	12/12/2016	PUREWATER	MRP Requirement	SC000395
AMWIREHARN	Wire Harness	Purchase	WHOLESALE	1.000.0000	12/7/2016	12/12/2016	ELEFASTCOM	MRP Requirement	SC000395
AMPCB	Printed Circuit Board	Manufacture	WHOLESALE	468.0000	12/9/2016	12/27/2016		MRP Requirement	SC000395
AMDIPTRAY	Dip Tray	Purchase	WHOLESALE	469.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMSSCREEN	Stainless Steel Screen	Purchase	WHOLESALE	688.0000	12/9/2016	12/12/2016	ASARHARD	MRP Requirement	SC000395
AMRESERVOIR	Reservoir Inlet	Manufacture	WHOLESALE	500.0000	12/12/2016	12/27/2016		MRP Requirement	SC000395
AMFLATHEAD	Flat Head Screw	Purchase	WHOLESALE	2.000.0000	12/16/2016	12/29/2016	ASARHARD	MRP Requirement	SC000395
AMFILTER	Internal Purifying Filter	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMWATERRES	Water Reservoir	Purchase	WHOLESALE	500.0000	12/20/2016	12/27/2016	PUREWATER	MRP Requirement	SC000395
AMHOUSING	Housing	Purchase	WHOLESALE	500.0000	12/22/2016	12/27/2016	CONHAMED	MRP Requirement	SC000395
AMCIRCUIT	Circuit Board	Purchase	WHOLESALE	100.0000	12/26/2016	1/10/2017	ACTIABYST	Production Material	000003
AMKEURIG	Keurig Model 400	Manufacture	WHOLESALE	500.0000	12/27/2016	3/31/2017		Sales Order	SC000395
AMSHINGLES1	Single Hung Doors	Manufacture	WHOLESALE	1.0000	1/16/2017	1/16/2017		Sales Order	SC000395
AMSHINGLES2	Single Hung Doors	Manufacture	WHOLESALE	1.0000	1/25/2017	1/25/2017		Sales Order	SC000395
AMSHINGLES3	Single Hung Doors	Manufacture	WHOLESALE	1.0000	2/9/2017	2/9/2017		Sales Order	SC000395
AMRESISTOR	Resistor	Purchase	WHOLESALE	100.0000	2/9/2017	2/10/2017	ACTIABYST	MRP Requirement	SC000395
AMRESISTOR	Resistor	Purchase	WHOLESALE	100.0000	2/9/2017	2/10/2017	ACTIABYST	SafetyStock	SC000394
AMD5BLACK	D5 Black Able	Manufacture	WHOLESALE	24.0000	2/10/2017	2/10/2017		Sales Order	SC000394
AMPCB	Printed Circuit Board	Manufacture	WHOLESALE	49.0000	2/10/2017	2/10/2017		SafetyStock	SC000394
AMSSCREEN	Stainless Steel Screen	Purchase	WHOLESALE	200.0000	2/10/2017	2/13/2017	ASARHARD	SafetyStock	SC000394
AMCONABBY	Little Tiles Bolt In Bright Table A	Transfer	RETAIL	7.0000	2/13/2017	2/13/2017	CONNETHENN	SafetyStock	FC31000002
AMBLACKCAPS	Black Bottle Caps	Purchase	WHOLESALE	320.0000	3/17/2017	3/29/2017	AVENDORC	MRP Requirement	FC31000002

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
ACCOMPLT01	Debit	Production Order	0000001	0.0000	12/21/2016	152120196	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Production Order	0000001	0.0000	12/21/2016	152120196	0.0000	WHOLESALE
AMECIB	Expense	Production Order	0000003	1.0000	12/27/2016	11020017	0.0000	WHOLESALE
AMECIB	Late Order	Production Order	0000003	1.0000	12/27/2016	11020017	0.0000	WHOLESALE
AMECIB	Order	Production Order	0000018	1.0000	2/12/2017	1272017	0.0000	WHOLESALE
AMECIB	Late Order	Production Order	0000018	1.0000	2/12/2017	1272017	0.0000	WHOLESALE
INCOEN01	Debit	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN01	Late Order	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN02	Debit	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN02	Late Order	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
WCOE030	Debit	Purchase Order	0000009	0.0000	10/22/2013	102220196	0.0000	WHOLESALE
WCOE030	Late Order	Purchase Order	0000009	0.0000	10/22/2013	102220196	0.0000	WHOLESALE
ACCOMPLT01	Debit	Purchase Order	0000008	0.0000	11/30/2016	1352016	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Purchase Order	0000008	0.0000	11/30/2016	1352016	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Purchase Order	0000008	80.0000	2/12/2017	2112017	0.0000	WHOLESALE
AMRESIST05	Expense	Purchase Order	0000004	4.0000	12/7/2017	210017	0.0000	WHOLESALE
AMRESIST05	Late Order	Purchase Order	0000004	4.0000	12/7/2017	210017	0.0000	WHOLESALE
COBARS02	Debit	Transfer Supply	0000003	0.0000	29/2016	290216	0.0000	WHOLESALE
COBARS02	Late Order	Transfer Supply	0000003	0.0000	29/2016	290216	0.0000	WHOLESALE

Handle exceptions with ease

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ACCOMPLT01	Debit	Production Order	0000001	0.0000	12/21/2016	152120196	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Production Order	0000001	0.0000	12/21/2016	152120196	0.0000	WHOLESALE
AMECIB	Expense	Production Order	0000003	1.0000	12/27/2016	11020017	0.0000	WHOLESALE
AMECIB	Late Order	Production Order	0000003	1.0000	12/27/2016	11020017	0.0000	WHOLESALE
AMECIB	Order	Production Order	0000018	1.0000	2/12/2017	1272017	0.0000	WHOLESALE
AMECIB	Late Order	Production Order	0000018	1.0000	2/12/2017	1272017	0.0000	WHOLESALE
INCOEN01	Debit	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN01	Late Order	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN02	Debit	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
INCOEN02	Late Order	Purchase Order	0001314	0.0000	19/2014	192014	0.0000	WHOLESALE
WCOE030	Debit	Purchase Order	0000009	0.0000	10/22/2013	102220196	0.0000	WHOLESALE
WCOE030	Late Order	Purchase Order	0000009	0.0000	10/22/2013	102220196	0.0000	WHOLESALE
ACCOMPLT01	Debit	Purchase Order	0000008	0.0000	11/30/2016	1352016	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Purchase Order	0000008	0.0000	11/30/2016	1352016	0.0000	WHOLESALE
ACCOMPLT01	Late Order	Purchase Order	0000008	80.0000	2/12/2017	2112017	0.0000	WHOLESALE
AMRESIST05	Expense	Purchase Order	0000004	4.0000	12/7/2017	210017	0.0000	WHOLESALE
AMRESIST05	Late Order	Purchase Order	0000004	4.0000	12/7/2017	210017	0.0000	WHOLESALE
COBARS02	Debit	Transfer Supply	0000003	0.0000	29/2016	290216	0.0000	WHOLESALE
COBARS02	Late Order	Transfer Supply	0000003	0.0000	29/2016	290216	0.0000	WHOLESALE

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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