

## Manage and Monitor your Shop Floor Schedule and Work Center Capacity

Acumatica Manufacturing Edition's Advanced Planning and Scheduling allows manufacturers to consistently and cost effectively meet customer demands by setting accurate and reliable delivery dates based on actual availability of resources.

Optimize manufacturing productions by integrating key elements, including materials, production capacity, process sequence, and facility schedules, into a powerful, real-time planning and execution application.

Advanced Planning and Scheduling software provides users what-if planning capability, real-time available-to-promise, as well as the ability to accurately schedule employee and/or machine resources. It allows you to more accurately determine requirements for materials and capacity while providing efficient use of production assets.

### FINITE CAPACITY SCHEDULING

Know how much work can be produced in a given time period, taking into account limitations on various resources.

### ROUGH CUT CAPACITY PLANNING

Verify that you have sufficient capacity available to meet the capacity requirements for your master schedule.

### WORK CENTER UTILIZATION

Compare the available hours for a work center to the actual hours that are scheduled for a work center.

### CAPABLE-TO-PROMISE

Meet customer delivery demands while optimizing machine and tool capacity, as well as all material options.

### KEY BENEFITS

#### COORDINATE ACTIVITIES

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

#### STAY ON ONE PLATFORM AS YOU GROW

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

#### DEPLOY ACCORDING TO YOUR NEEDS

- Get Acumatica as a subscription (SaaS) or purchase the license. Deploy on-premise, on a hosted server, or on a Cloud platform

## ADVANCED PLANNING AND SCHEDULING FEATURES AND CAPABILITIES

### Work Center Capacity Planning

Enables the system to plan, monitor, and provide details regarding the work center.

### What-if Scenarios

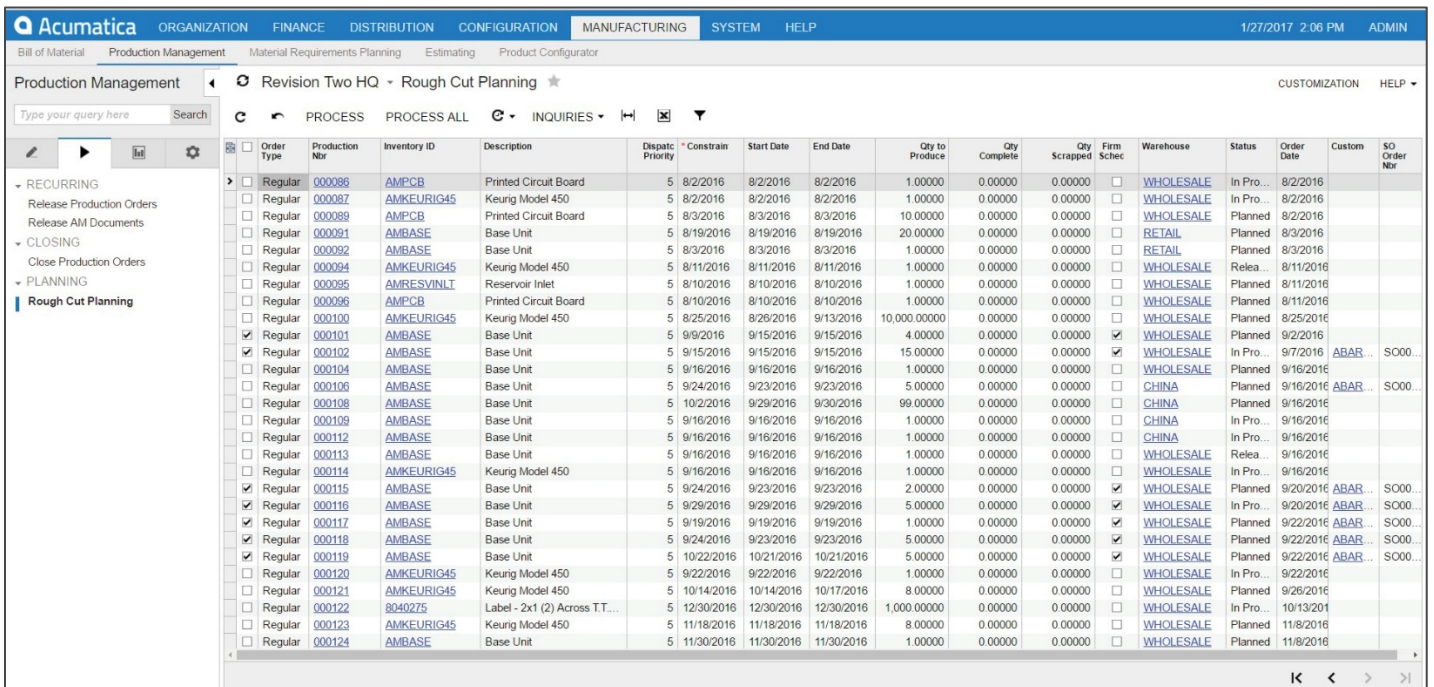
Provides the user the ability to set custom parameters and use those to forecast other, usually unrelated, parameters.

### Machine Scheduling

Allows the user to schedule certain machines only at times when both the machine and the employee running it are available.

### Tool Scheduling

The ability to schedule tooling required in a production process.



The screenshot shows the Acumatica Production Management interface for 'Revision Two HQ - Rough Cut Planning'. It features a search bar, navigation tabs (PROCESS, PROCESS ALL, INQUIRIES), and a detailed data table. The table columns include Order Type, Production Nbr, Inventory ID, Description, Dispatch Priority, Constraint, Start Date, End Date, Qty to Produce, Qty Complete, Qty Scrapped, Firm Sched, Warehouse, Status, Order Date, and Custom SO Order Nbr. The table lists various production orders for items like Printed Circuit Board, Keung Model 450, Base Unit, and Reservoir Inlet, with their respective dates and quantities.

Order Type	Production Nbr	Inventory ID	Description	Dispatch Priority	Constrain	Start Date	End Date	Qty to Produce	Qty Complete	Qty Scrapped	Firm Sched	Warehouse	Status	Order Date	Custom	SO Order Nbr
Regular	000086	AMPCB	Printed Circuit Board	5		8/2/2016	8/2/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	In Pro...	8/2/2016		
Regular	000087	AMKEURIG45	Keung Model 450	5		8/2/2016	8/2/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	In Pro...	8/2/2016		
Regular	000089	AMPCB	Printed Circuit Board	5		8/3/2016	8/3/2016	10.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	8/2/2016		
Regular	000091	AMBASE	Base Unit	5		8/19/2016	8/19/2016	20.00000	0.00000	0.00000	<input type="checkbox"/>	RETAIL	Planned	8/3/2016		
Regular	000092	AMBASE	Base Unit	5		8/3/2016	8/3/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	RETAIL	Planned	8/3/2016		
Regular	000094	AMKEURIG45	Keung Model 450	5		8/11/2016	8/11/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Relea...	8/11/2016		
Regular	000095	AMRESVINLT	Reservoir Inlet	5		8/10/2016	8/10/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	8/11/2016		
Regular	000096	AMPCB	Printed Circuit Board	5		8/10/2016	8/10/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	8/11/2016		
Regular	001100	AMKEURIG45	Keung Model 450	5		8/25/2016	8/26/2016	10,000.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	8/25/2016		
Regular	001101	AMBASE	Base Unit	5		9/15/2016	9/15/2016	4.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	Planned	9/2/2016		
Regular	001102	AMBASE	Base Unit	5		9/15/2016	9/15/2016	15.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	In Pro...	9/7/2016	ABAR...	SO00...
Regular	001104	AMBASE	Base Unit	5		9/16/2016	9/16/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	9/16/2016		
Regular	001106	AMBASE	Base Unit	5		9/24/2016	9/23/2016	5.00000	0.00000	0.00000	<input type="checkbox"/>	CHINA	Planned	9/16/2016	ABAR...	SO00...
Regular	001108	AMBASE	Base Unit	5		10/2/2016	9/29/2016	99.00000	0.00000	0.00000	<input type="checkbox"/>	CHINA	Planned	9/16/2016		
Regular	001109	AMBASE	Base Unit	5		9/16/2016	9/16/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	CHINA	In Pro...	9/16/2016		
Regular	001112	AMBASE	Base Unit	5		9/16/2016	9/16/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	CHINA	In Pro...	9/16/2016		
Regular	001113	AMBASE	Base Unit	5		9/16/2016	9/16/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Relea...	9/16/2016		
Regular	001114	AMKEURIG45	Keung Model 450	5		9/16/2016	9/16/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	In Pro...	9/16/2016		
Regular	001115	AMBASE	Base Unit	5		9/24/2016	9/23/2016	2.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	Planned	9/20/2016	ABAR...	SO00...
Regular	001116	AMBASE	Base Unit	5		9/29/2016	9/29/2016	5.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	In Pro...	9/20/2016	ABAR...	SO00...
Regular	001117	AMBASE	Base Unit	5		9/19/2016	9/19/2016	1.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	Planned	9/22/2016	ABAR...	SO00...
Regular	001118	AMBASE	Base Unit	5		9/24/2016	9/23/2016	5.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	Planned	9/22/2016	ABAR...	SO00...
Regular	001119	AMBASE	Base Unit	5		10/22/2016	10/21/2016	5.00000	0.00000	0.00000	<input checked="" type="checkbox"/>	WHOLESALE	Planned	9/22/2016	ABAR...	SO00...
Regular	001120	AMKEURIG45	Keung Model 450	5		9/22/2016	9/22/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	In Pro...	9/22/2016		
Regular	001121	AMKEURIG45	Keung Model 450	5		10/14/2016	10/14/2016	8.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	9/26/2016		
Regular	001122	8040275	Label - 2x1 (2) Across T.T...	5		12/30/2016	12/30/2016	1,000.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	In Pro...	10/13/2016		
Regular	001123	AMKEURIG45	Keung Model 450	5		11/18/2016	11/18/2016	8.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	11/8/2016		
Regular	001124	AMBASE	Base Unit	5		11/30/2016	11/30/2016	1.00000	0.00000	0.00000	<input type="checkbox"/>	WHOLESALE	Planned	11/8/2016		

Production Management – Rough Cut Planning

### 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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