



ADVANCED PLANNING AND SCHEDULING

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; materials, production capacity, process sequence, and facility schedules, into a powerful, real-time planning and execution application.

Advanced Planning and Scheduling software allows 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 ACUMATICA ERP DIFFERENCE

Acumatica delivers a full suite of integrated business management applications unlike any other ERP solution on the market today.

STREAMLINE OPERATIONS

Manage your business more efficiently:

- Automate processes
- Control workflows
- Access the system from anywhere on any device— including mobile
- Promote collaboration with all- inclusive user licensing

ADAPTABLE SOLUTION

Add and extend:

- Deploy in-house or in a private or public cloud
- Easily configure your solution to fit your needs
- Add capabilities such as CRM or data visualization at any time
- Extend to other solutions and applications beyond ERP

YOUR BUSINESS ACCELERATED

Get a single version of the truth:

- Accelerate business performance and make smarter decisions with automated processes, real-time data collection, financial analyses, and forecasting
- No per user pricing – system scales as your business grows

The screenshot displays the Acumatica software interface, specifically the 'Production Management' and 'Rough Cut Planning' sections. The top navigation bar includes 'Acumatica', 'ORGANIZATION', 'FINANCE', 'DISTRIBUTION', 'CONFIGURATION', 'MANUFACTURING', and 'SYSTEM HELP'. The main content area shows a detailed view of production orders, including columns for Order Type, Production No., Inventory ID, Description, Qty to Produce, Qty On Hand, Qty Reserved, and Warehouse. The 'Rough Cut Planning' section lists various production orders with their respective dates and quantities.

Order Type	Production No.	Inventory ID	Description	Qty to Produce	Qty On Hand	Qty Reserved	Warehouse	Status	Order Date	SO User
Regular	00008	AMPCB	Printed Circuit Board	5	8/22/2016	8/22/2016	0.00000	WHOLESALE	In Pro.	8/22/2016
Regular	00087	AMKLRPHS	Keurig Model 450	5	8/22/2016	8/22/2016	1.00000	WHOLESALE	In Pro.	8/22/2016
Regular	00088	AMPCB	Printed Circuit Board	5	8/22/2016	8/22/2016	10.00000	WHOLESALE	Planned	8/22/2016
Regular	00091	AMBASE	Base Unit	5	8/19/2016	8/19/2016	20.00000	WHOLESALE	Planned	8/20/2016
Regular	00092	AMBASE	Base Unit	5	8/30/2016	8/30/2016	1.00000	WHOLESALE	Planned	8/30/2016
Regular	00094	AMKLRPHS	Keurig Model 450	5	8/11/2016	8/11/2016	1.00000	WHOLESALE	Reln.	8/11/2016
Regular	00095	AMKLRPHS	Keurig Model 450	5	8/10/2016	8/10/2016	1.00000	WHOLESALE	Planned	8/11/2016
Regular	00096	AMPCB	Printed Circuit Board	5	8/10/2016	8/10/2016	1.00000	WHOLESALE	Planned	8/11/2016
Regular	00100	AMKLRPHS	Keurig Model 450	5	8/25/2016	8/25/2016	10.00000	WHOLESALE	Planned	9/10/2016
Regular	00101	AMBASE	Base Unit	5	8/9/2016	8/9/2016	4.00000	WHOLESALE	Planned	9/20/2016
Regular	00102	AMBASE	Base Unit	5	8/15/2016	8/15/2016	15.00000	WHOLESALE	In Pro.	9/7/2016
Regular	00104	AMBASE	Base Unit	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	Planned	9/22/2016
Regular	00105	AMBASE	Base Unit	5	8/24/2016	8/23/2016	5.00000	WHOLESALE	Planned	9/10/2016
Regular	00108	AMBASE	Base Unit	5	10/22/2016	9/29/2016	99.00000	WHOLESALE	Planned	9/16/2016
Regular	00110	AMBASE	Base Unit	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	Planned	9/16/2016
Regular	00112	AMBASE	Base Unit	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	In Pro.	9/16/2016
Regular	00113	AMBASE	Base Unit	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	Reln.	9/16/2016
Regular	00114	AMKLRPHS	Keurig Model 450	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	Planned	9/16/2016
Regular	00115	AMBASE	Base Unit	5	8/24/2016	8/23/2016	2.00000	WHOLESALE	Planned	9/20/2016
Regular	00116	AMBASE	Base Unit	5	8/29/2016	8/29/2016	5.00000	WHOLESALE	In Pro.	9/20/2016
Regular	00117	AMBASE	Base Unit	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	In Pro.	9/22/2016
Regular	00118	AMBASE	Base Unit	5	8/24/2016	8/23/2016	5.00000	WHOLESALE	Planned	9/22/2016
Regular	00119	AMBASE	Base Unit	5	10/22/2016	10/21/2016	8.00000	WHOLESALE	Planned	9/22/2016
Regular	00120	AMKLRPHS	Keurig Model 450	5	8/16/2016	8/16/2016	1.00000	WHOLESALE	In Pro.	9/16/2016
Regular	00121	AMKLRPHS	Keurig Model 450	5	10/14/2016	10/14/2016	8.00000	WHOLESALE	Planned	9/25/2016
Regular	00122	AMKLRPHS	Keurig Model 450	5	12/30/2016	12/30/2016	1.00000	WHOLESALE	In Pro.	10/13/2016
Regular	00123	AMKLRPHS	Keurig Model 450	5	11/16/2016	11/16/2016	8.00000	WHOLESALE	Planned	11/8/2016
Regular	00124	AMBASE	Base Unit	5	11/30/2016	11/30/2016	1.00000	WHOLESALE	Planned	11/8/2016