

Manage and Monitor your Shop Floor Schedule and Work Center Capacity

Acumatica Manufacturing Edition's Advanced Planning and Scheduling (APS) allows manufacturers to consistently and cost-effectively meet customer demands by setting accurate and reliable delivery dates based on finite resource availability.

Optimize manufacturing production by managing resource constraints including materials, production capacity, process sequences, tooling, and facility schedules.

Advanced Planning and Scheduling software provides essential planning capabilities, real-time insights into production, as well as the ability to accurately schedule employee and/or machine resources. It allows you to 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 timeframe, taking into account limitations on various resources and demands.

ROUGH CUT CAPACITY PLANNING (RCCP)

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.

Work Center	Order Type	Production Rate	Status	Operation ID	Order Description	Qty to Produce	Qty Complete	Qty Scraped	Start Date	End Date	Inventory ID	Dispatch Priority
WC10	RD	AM000007	Planned	0010	Assembly	0.00	0.00	0.00	1/21/2020	1/21/2020	AMKEURIG45	5 K
WC10	RD	AM000009	Planned	0010	Assembly	0.00	0.00	0.00	11/7/2019	11/7/2019	AMKEURIG45	5 K
WC10	RD	AM000011	Planned	0010	Assembly	0.00	0.00	0.00	11/11/2019	11/11/2019	AMKEURIG45	5 K
WC10	RD	AM000012	Planned	0010	Assembly	0.00	0.00	0.00	11/8/2019	11/8/2019	AMRESVINLT	5 F
WC10	RD	AM000014	Planned	0010	Assembly	0.00	0.00	0.00	11/8/2019	11/8/2019	AMPCB	5 P
WC10	RD	AM000016	Planned	0010	Assembly	0.00	0.00	0.00	11/11/2019	11/13/2019	AMMDDGET	5 A
WC10	RD	AM000017	In Process	0010	Assembly	20.00	5.00	0.00	11/11/2019	11/11/2019	AMCNDQ09	5 S
WC10	RD	AM000038	In Process	0010	Assembly	10.00	0.00	0.00	2/29/2020	2/29/2020	AMKEURIG45	5 K

Access schedules for work centers, machines, and tools along with dispatch lists with details related to scheduled production orders.

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.

Rough-Cut Capacity Planning (RCCP)

RCCP schedules open production orders against finite capacity constraints. Optionally, the orders selected can be released. Orders are loaded and scheduled in sequence based on priority, constraint dates, and production order number. The availability of material is considered including supply orders such as purchase orders, transfer orders, or component production orders.

Dispatch Lists

Utilize work center and machine dispatch reports for a clear view of currently scheduled production orders and operations. View reports to identify required resources for scheduled production orders.

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.

Qty to Produce	Qty Remaining	UOM	Order Type	Production Nbr	Inventory ID	Description	Dispatch Priority	Constraint	Start Date	End Date	Scheduling Method	Warehouse	Ord
1.00	1.00	EA	RO	AM000001	AMTOQLOSP	Sterilized Scalpel	5	11/7/2019	11/7/2019	11/7/2019	Start On	WHOLESALE	11
1.00	1.00	EA	RO	AM000003	AMTOQLOSP	Sterilized Scalpel	5	11/7/2019	11/7/2019	11/7/2019	Start On	WHOLESALE	11
1.00	1.00	EA	RO	AM000006	AMTOQLOSP	Sterilized Scalpel	5	11/8/2019	11/8/2019	11/8/2019	Start On	WHOLESALE	11
20.00	20.00	EA	RO	AM000007	AMKEURIG...	Keurig Model 450	5	1/21/2020	1/21/2020	1/21/2020	Finish On	WHOLESALE	11
15.00	15.00	EA	RO	AM000009	AMKEURIG...	Keurig Model 450	5	11/7/2019	11/7/2019	11/7/2019	Finish On	WHOLESALE	11
10.00	10.00	EA	RO	AM000011	AMKEURIG...	Keurig Model 450	5	11/11/2019	11/11/2019	11/11/2019	Start On	WHOLESALE	11
10.00	10.00	EA	RO	AM000012	AMRESVINLT	Reservoir Inlet	5	11/10/2019	11/8/2019	11/9/2019	Finish On	WHOLESALE	11
10.00	10.00	EA	RO	AM000013	AMBASE	Base Unit	5	11/7/2019	11/7/2019	11/7/2019	Finish On	WHOLESALE	11
10.00	10.00	EA	RO	AM000014	AMPCEB	Printed Circuit Board	5	11/10/2019	11/8/2019	11/10/2019	Finish On	WHOLESALE	11
10.00	10.00	EA	RO	AM000015	AMBASE	Base Unit	5	11/7/2019	11/7/2019	11/7/2019	Finish On	WHOLESALE	11
50.00	50.00	EA	RO	AM000016	AMWIDGET	Assembled widget	5	11/11/2019	11/11/2019	11/15/2019	Start On	WHOLESALE	11
20.00	15.00	EA	RO	AM000017	AMCON009	Stainless Cap Hob - Straight ...	5	11/11/2019	11/11/2019	11/11/2019	Start On	WHOLESALE	11
1.00	1.00	EA	RO	AM000027	AMTOQLOSP	Sterilized Scalpel	5	11/13/2019	11/13/2019	11/13/2019	Start On	WHOLESALE	11

Production Management – Rough Cut Planning

ABOUT ACUMATICA

Acumatica Cloud ERP provides the best business management solution for digitally resilient companies. Built for mobile and telework scenarios and easily integrated with the collaboration tools of your choice, Acumatica delivers flexibility, efficiency, and continuity of operations to growing small and midmarket organizations.

Business Resilience. Delivered.

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