

# MANUFACTURING

## Plant Operations for Microsoft Dynamics AX

### BENEFITS SUMMARY:

- **Increase delivery performance.**

Align inventories, capacity, and supplies to customer demand for just-in-time and demand-driven manufacturing.

- **Streamline mixed-mode manufacturing processes.**

Manage your manufacturing processes within one integrated system, including make-to-order, make-to-stock, and configure-and engineer-to-order processes.

- **Gain real-time plant floor visibility.**

Interface smoothly with manufacturing execution systems (MES) to obtain real-time operational data such as order status, schedules, bottlenecks, machine capacities, and replenishment.

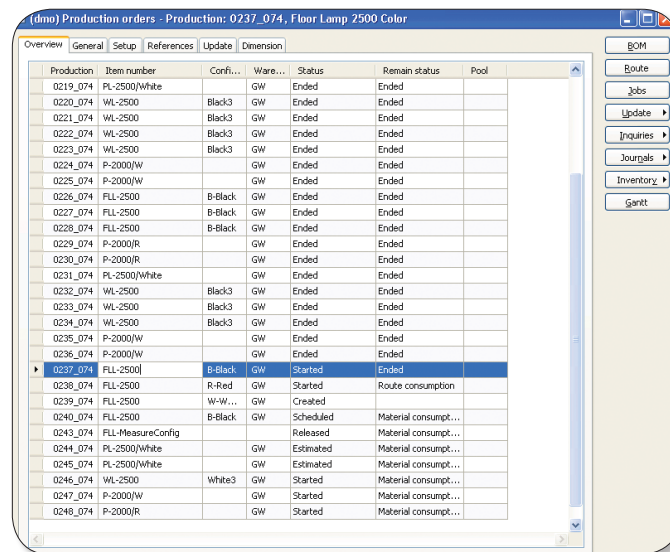
- **Deploy in centralized or decentralized models.**

Connect to corporate ERP systems and take advantage of common and shared processes and systems while maintaining plant or division independence.

- **Empower your people.** Minimize training costs and help people work efficiently with a solution that looks and operates like familiar Microsoft products.

- **Achieve a fast ROI.** Build on existing Microsoft technology investments, implement quickly, and gain flexibility for growth.

Microsoft Dynamics™ AX can empower manufacturers to meet the challenges of today's global companies by reducing costs, enhancing operational flexibility, and smoothly connecting the plant floor to the rest of the enterprise. This advanced manufacturing management solution integrates critical processes—including order management, accounting, inventory management, production management, warehouse management, and barcoding—for improved customer delivery, analysis of critical data, quicker response to changes, and more confident decision-making.



Production	Item number	Conf...	Ware...	Status	Remain status	Pool
0219_074	PL-2500/White		GW	Ended	Ended	
0220_074	WL-2500	Black3	GW	Ended	Ended	
0221_074	WL-2500	Black3	GW	Ended	Ended	
0222_074	WL-2500	Black3	GW	Ended	Ended	
0223_074	WL-2500	Black3	GW	Ended	Ended	
0224_074	P-2000/W		GW	Ended	Ended	
0225_074	P-2000/W		GW	Ended	Ended	
0226_074	FLL-2500	B-Black	GW	Ended	Ended	
0227_074	FLL-2500	B-Black	GW	Ended	Ended	
0228_074	FLL-2500	B-Black	GW	Ended	Ended	
0229_074	P-2000/R		GW	Ended	Ended	
0230_074	P-2000/R		GW	Ended	Ended	
0231_074	PL-2500/White		GW	Ended	Ended	
0232_074	WL-2500	Black3	GW	Ended	Ended	
0233_074	WL-2500	Black3	GW	Ended	Ended	
0234_074	WL-2500	Black3	GW	Ended	Ended	
0235_074	P-2000/W		GW	Ended	Ended	
0236_074	P-2000/W		GW	Ended	Ended	
0237_074	FLL-2500	B-Black	GW	Started	Ended	
0238_074	FLL-2500	R-Red	GW	Started	Route consumption	
0239_074	FLL-2500	W-W...	GW	Created		
0240_074	FLL-2500	B-Black	GW	Scheduled	Material consumpt...	
0243_074	FLL-MeasureConfig		Released		Material consumpt...	
0244_074	PL-2500/White		GW	Estimated	Material consumpt...	
0245_074	PL-2500/White		GW	Estimated	Material consumpt...	
0246_074	WL-2500	White3	GW	Started	Material consumpt...	
0247_074	P-2000/W		GW	Started	Material consumpt...	
0248_074	P-2000/R		GW	Started	Material consumpt...	

*Respond quickly to changing circumstances with dynamic planning and scheduling tools.*

The end-to-end integration of Microsoft Dynamics AX means companies can implement advanced manufacturing practices, trace components and products, manage key performance indicators, and provide trading partners with visibility into needed data to meet customer demands.

## FEATURES

<b>Advanced manufacturing support</b>	Support advanced manufacturing strategies, such as lean, demand-driven, and outsourced manufacturing, and integrate them with your general business system including order management, purchasing, accounting, inventory management, production management, warehouse management, and barcoding.
<b>Lean manufacturing</b>	Integrate lean manufacturing capabilities with general business functionality. Microsoft Dynamics AX can provide, through a third party, electronic supplier, production, and supermarket/replenish Kanbans, lean sales ordering, multiple assembly schedules, and lean pull-point processing capabilities.
<b>Interoperability</b>	Quickly and accurately share data across companies, divisions, partners, and geographies. Monitor key performance indicators, analyze trends, better understand profitability, provide real-time information for trade partners, and gain the insight you need for improvement and growth. Microsoft Dynamics AX supports interoperability between manufacturing operations, enterprise financial and CRM solutions, and supply chain partners.
<b>End-to-end replenishment</b>	Streamline production and manage just-in-time (JIT) manufacturing by implementing a comprehensive inventory replenishment solution that includes replenishment and financial signals to manage the flow of raw materials to finished goods.
<b>Vendor-managed inventories (VMIs)</b>	Support VMI models to help ensure that suppliers can maintain agreed-upon inventories of their products. Trigger replenishment and financial signals based on shipping of finished goods, customer payment, usage, or summarized usage.
<b>Inventory visibility across plants</b>	Gain greater visibility into inventory at other plants and warehouses to make more accurate and efficient decisions about moving stock to where it is needed most.
<b>Customer compliance initiatives</b>	Support customer compliance initiatives for product identification, traceability, and other product or service requirements. Track goods and materials by serial number, lot, supplier, or custom characteristics integrated into inventory records, BOMs, and order management functionality. Support for radio frequency identification (RFID) is built in.
<b>Global deployment, local configuration</b>	Deploy your manufacturing management solution in either centralized or decentralized scenarios to support your global operations. Implement the functionality you need locally and at each business unit, and then integrate with existing systems—with options to deploy additional functionality later. Microsoft Dynamics AX can be quickly reconfigured by local IT staff or advanced users to support local requirements in multinational organizations with support for 36 languages in 40 countries, multiple currencies, and local market requirements.
<b>Rapid configuration tool</b>	Speed up your implementation by using the Microsoft Dynamics AX rapid configuration tool for collaboration on business process development, project tracking, and user documentation. You can also set up shared and common business processes across regions and with locations around the world.
<b>User-configured alerts</b>	Optimize your global manufacturing processes and systems with help from best practices and custom-configured alerts.

For more information about Microsoft Dynamics AX, visit [www.microsoft.com/dynamics/ax](http://www.microsoft.com/dynamics/ax).

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