



# Industrial Equipment Manufacturing

## BENEFITS

- **Integrate design innovation into manufacturing.** Shorten time to market for new product innovations by integrating design and manufacturing processes, managing projects effectively, and collaborating effectively with suppliers, partners, and customers.
- **Improve project management of customized orders.** Create estimates and quotes quickly and accurately. Predict machine and human resource requirements for improved scheduling and precise delivery times.
- **Support flexible manufacturing processes and multiple business models.** Tailor your solution to fit your business and serve multiple business models, including make-to-stock (MTS), make-to-order (MTa), assemble-to-order (ATO), configure-to-order (TO), and engineer-to-order (ETO). Support smart (customizations and modularized product manufacturing) and engineer new products to customer specifications.
- **Enhance material and product traceability.** Track materials from purchase through production and sale with lot and location control. Respond effectively to recall notices or queries about item engineering, sourcing, and current use.

## Microsoft Dynamics AX for Industrial Equipment Manufacturing

**Optimize processes to reduce cycle time, meet increasing customer demands, keep profit margins high, and stand out in a volume marketplace. Integrate design innovation into the manufacturing process to deliver engineered products quickly and accurately.** Industrial Equipment Manufacturing for Microsoft Dynamics AX can help component, sub-assembly, and whole-system manufacturers increase operational visibility, enhance control of processes and projects, and fuel expansion in to new territories and services

Industrial Equipment Manufacturing for Microsoft Dynamics AX is built on proven, reliable Microsoft technologies so you can maximize your existing IT investments and gain a long-term solution with a low total cost of ownership. Easy to adapt to your specific needs, the solution offers a familiar interface and tools to help your people get up to speed quickly and with minimal training, so your business can achieve a fast return on investment and focus on increasing profitability and customer satisfaction.

## FEATURES

<b>Fast RFQ and estimation</b>	<ul style="list-style-type: none"><li>• Reduce development time for requests for quotations (RFQs), streamline quoting and estimating processes, and reduce risk with accurate costing and materials information.</li></ul>
<b>Available-to-promise capabilities</b>	<ul style="list-style-type: none"><li>• Manage machine capacity and availability of materials with available-to-promise (ATP) capabilities that provide accurate inventory, scheduling, and delivery information throughout the supply chain</li></ul>
<b>Built-in product and sales configurator</b>	<ul style="list-style-type: none"><li>• Implement modular manufacturing by using a built-in product and sales configurator.</li><li>• Quote and deliver multiple, variant products quickly and cost-effectively.</li></ul>
<b>Product lifecycle management system</b>	<ul style="list-style-type: none"><li>• Implement a complete product lifecycle management (PLM) system to manage items from design through assembly, testing, shipping, installation, and maintenance.</li><li>• Enhance product flexibility and give customers a range of product options by configuring build-to-order items easily and effectively.</li></ul>
<b>Integrated approach to customer service</b>	<ul style="list-style-type: none"><li>• Help improve customer service capabilities with easy access to product information, warranties, service contracts, returns and repairs, and field service calls.</li><li>• Enhance your customer service approach to add revenue to your business and increase customer satisfaction.</li></ul>
<b>Integration with familiar Microsoft products</b>	<ul style="list-style-type: none"><li>• Maximize your technology investment by taking advantage of the close integration with familiar, powerful Microsoft products, including Microsoft SQL Server, Microsoft Internet Information Services, the Microsoft Office system, Microsoft BizTalk Server, Microsoft Office SharePoint Server, Microsoft Windows SharePoint Services, and Microsoft Office Performance Point Server.</li></ul>
<b>Integration with CAD, POM, and ERM systems</b>	<ul style="list-style-type: none"><li>• Create engineering design documents quickly and accurately with built-in integration between product data management (PDM) systems and computer-aided design (CAD) systems.</li><li>• Adjust quickly to new specifications with engineering change order (ECO) functionality that can help minimize rework for projects already in progress.</li></ul>
<b>Graphical planning engine</b>	<ul style="list-style-type: none"><li>• Use specialized drag-and-drop functionality to view graphically the impact of changes on your processes.</li><li>• Evaluate several what-if scenarios and determine an effective course of action.</li></ul>
<b>Project logistics</b>	<ul style="list-style-type: none"><li>• Trace items from the time of materials purchase to the time of production and sale.</li><li>• View the complete project supply chain and accurately track product availability and delivery times.</li></ul>



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