

How SYSPRO ERP helps you to cut it in the **Metal Fabrication Industry**

FACTSHEET

Manufacturers of fabricated metal products know that success depends on tightly managing their complex supply chains, collaborating with customers to design the most effective products, while meeting quality, tolerance and material specifications. They also need to provide a full range of services from design to delivery and maintain flexibility to change capacity requirements while operating effective continuous replenishment systems.

Competition in the market is fierce with many clients pursuing cheaper options offshore, in countries like China and India. When these replenishment systems fail, it is usually due to the unpredictable issues associated with offshoring as we have seen with recent world events. Other major issues are fluctuations in material pricing; shifting customer expectations for price and quality; legacy IT hardware and software that limits business agility; a need to provide more precise estimates to customers; and outdated shop equipment, to name but a few.



To get the most out of your ERP solution, it should be one that has been designed, implemented and supported by a company that understands your business as well as you do – one that has the specialist skills to help you deliver unfailing continuity and consistency throughout the entire value chain, from initial Request for Quote to final delivery. It will help you plan, execute, control and radically improve production in your manufacturing environment:

Business Challenges	How SYSPRO can help you resolve them
<ul style="list-style-type: none"> ■ Increased volatility in raw material price fluctuations. 	<ul style="list-style-type: none"> ■ SYSPRO's extensive toolset provides the flexibility to integrate LME spot pricing with your costing processors, allowing you to better manage your input cost pressures. This ensures greater flexibility in your what-if costing during quotation and estimating processes.
<ul style="list-style-type: none"> ■ Fabrication shop environment requires multi-skilled operators. 	<ul style="list-style-type: none"> ■ Factor labor, scrap, utilization and optimization capabilities into your costing models.
<ul style="list-style-type: none"> ■ Integration to your CAD design package is imperative in order to maximize design to quote/estimation time as well as delivery time. 	<ul style="list-style-type: none"> ■ Work collaboratively with your customers to provide them with a turnkey solution. ■ Multi-level bills of material for designs modeled on CAD systems can be imported into SYSPRO, thereby reducing double-entry and the margin for error, as well as providing a solid basis on which to calculate costs and lead times for quoting to the customer.
<ul style="list-style-type: none"> ■ Job sequencing and grouping of similar products to reduce scrap and improve efficiencies. 	<ul style="list-style-type: none"> ■ Integrate directly from design to quote and estimation for accurate project costs.
<ul style="list-style-type: none"> ■ Raw material nesting requires integration to multiple jobs in order to optimize material usage and reduce recording time of actual labor and material usage. 	<ul style="list-style-type: none"> ■ Optimize your utilization and capacity of expensive assets. ■ Manage outsourcing and subcontract operations as integrated processes to your production. ■ Accurately track the actual costs of your nesting job. ■ Accurately and efficiently record and consume remainder sheet offcuts. ■ By nesting multiple jobs utilizing the same raw material or components in SYSPRO's Job Nesting capability you can maximize output and reduce wastage to improve costing efficiency – enabling you to quote more competitively.



Key SYSPRO Solutions

- Optimizing the Quotation Process - **SYSPRO Quoting and Estimating** capabilities allow you to create professional and comprehensive quotations.
- Streamlining the Planning Process - For more efficient operations, **SYSPRO Requirements Planning** uses projected demand and supply to assist you with planning and creating realistic production, purchasing and supply transfer schedules.
- Synchronize Supply with Demand - Particularly for component and material suppliers to original equipment manufacturers (OEM's), synchronizing supply with customer demand is a key requirement to prevent costly line stoppages in assembly plants. **SYSPRO Manufacturing Operations Management** Solution facilitates the management of the end-to-end manufacturing process.
- Design and Engineering Collaboration - **SYSPRO Product Configurator** offers multiple configuration options to customers in a controlled, cost-effective and user-friendly manner in order to maximize customer service and operational efficiency.
- SYSPRO's powerful **Engineering Change Control (ECC)** features enable the creation of user-defined workflows to control the product development process and ensure electronic sign-off
- Manage Inventory - SYSPRO provides comprehensive **inventory management** tools to ensure there is visibility of inventory across the supply chain to meet the demands of the business, helping to eliminate overstocking and tying up of capital.
- Manage Product and Part Traceability - SYSPRO provides traceability from material origins through manufacture to final destination. Our **Lot Traceability and Serial Tracking** functionality affords full visibility to the origins, build and sales destination of products, thereby providing the means to easily trace and analyze the source of defects should they occur.



Learn more

If you want to learn more about SYSPRO's capabilities in the Metal Fabrication industry, visit us at www.syspro.com/industries/manufacturing/metal-fabrication-software/