HEAVY-METAL BENEFITS FOR METAL FABRICATORS

Made2Manage ERP is the leading ERP software product for metal fabricators. In fact, we serve many unique niche markets in the fabricated metals industry including:

- Metal forming and stamping
- Sheetmetal manufacturing
- Fabricated structural metal
- Fabricated plate work (boiler shop)
- Fabricated metal products (general)
- Screw machine products
- Metal coating and allied services
- Architectural metal work
- Iron and steel forgings
- Fabricated wire
- Metal cans and shipping containers

CRITICAL FUNCTIONS

Metal fabricators have seen significant results from implementing Made2Manage ERP. Customers in the industry typically experience:

- 7-20% reduction in inventory and associated carrying costs
- 11-21% reduction in product lead times
- 95-96% on-time promise-to-delivery rates

PUTTING OUR STAMP ON THE INDUSTRY

Whether you produce highly-engineered products, such as HVAC units, with small production runs, or manufacture high volumes of make-to-stock products, such as bolts and screws, Made2Manage has 18 years of experience working with fabricated metal manufacturers. With hundreds of implementations completed, we’ve come to understand the way you operate. For example, you may be trying to balance:

- Capital-intensive equipment and resources
- Complex BOMs and routings
- Precise customer requirements
- Scrap and re-work (quality)
- Revision control
- Engineering change processes
- Communication with customers, engineering and the shop floor
- Specialized product configurations
- Alternate work centers/routings
- Material tracking (lot control)
- CAD designs
- Purchasing
- Tool management
- Short lead times and tight deadlines
- Shop floor bottlenecks
- Demand changes
- Job costs
- Labor costs
- Warehouse/distribution operations

With Made2Manage ERP, you can more efficiently execute these critical operations and manage all aspects of your fabricated metals business.
FORGING A SPECIALIZED SOLUTION

Made2Manage ERP is equipped with the comprehensive functionality that you, as a fabricated metals manufacturer, need to run your business. The real-time, centralized flow of data integrates information throughout all areas of your business so you can increase customer satisfaction, reduce costs, and generate more profit. Although there are many functional requirements to consider when evaluating enterprise software, Made2Manage delivers specialized features for:

Collaborating With Customers, Engineering and Production

Capturing and communicating design changes with your customers, engineers and production staff requires considerable collaboration - all parties have to be on the same page to ensure customer satisfaction. Make use of Made2Manage Systems’ enterprise portal, M2M VIP, to facilitate the design/configuration of products at the front end of the job order. M2M VIP collaboration software helps you share information with all the elements of your supply chain. For example, you can configure products over the Web with your customers, customers can access warranty information and specs for part numbers in their own product catalog, and your sales team can enter quotes and orders directly into the system to jumpstart production.

As changes occur in the design of your custom-built or custom-configured jobs, the Made2Manage ERP engineering change management feature provides you with a full auditing of critical documents, as well as multiple revision levels for the item master, standard BOMs and routing records. The seamless flow of data makes it easy for you to determine how design changes will affect your entire organization and help you to communicate revisions to the shop floor in real time.

Managing Lot Control

To help you manage the materials that go into your production process, Consona has developed robust lot tracking capabilities. Lot control within Made2Manage ERP software will assist you in assigning and tracking bar codes or unique heat numbers to raw materials, subassemblies and/or finished goods. You can easily trace where lot-controlled parts were used and determine which lots were used in the final product.

Maximizing Your Resources and Reducing Bottlenecks

With real-time, theory-of-constraints-based, Made2Manage Advanced Planning and Scheduling applications, you can more effectively synchronize the demand for your products with your production capabilities, optimize the use of your capital-intensive resources and get more products out the door faster. The M2M Advanced Planning and Scheduling applications share data in real time with your M2M ERP back office to help you make the best possible production decisions. By streamlining your supply chain, you will raise your customer service levels, reduce your costs and increase your profits.

Of course, you have to promise realistic delivery dates during the sales process to keep your customers satisfied. To keep your sales in line with tight production deadlines, the embedded Capable to Promise (CTP) feature helps your order-takers quickly and accurately determine whether or not you can meet requested delivery dates based on available capacity and constraints.

Regardless of your manufacturing style, Made2Manage offers robust supply chain management tools to suit the unique needs of your fabricated metals business. For example:

- Repetitive manufacturers (make-to-stock) with simple shop floors can use advanced (finite) planning tools to generate a capacity-based daily build plan.
- Engineer-to-order and/or make-to-order manufacturers can employ a combination of infinite planning and advanced (finite) scheduling tools to reduce bottlenecks.
- Mixed-mode manufacturers with complex operations can take advantage of both finite planning and scheduling applications to increase throughput.

Determining Accurate Job Costs

The Made2Manage order-costing feature provides the visibility you need to monitor costs throughout your entire production process. Made2Manage order costing helps you capture changes as they occur in the production process, track costs as they vary from the initial order and determine what costs the customer has added to the order.
You can accumulate costs (and unplanned costs) as they flow through the system so you can see where you are spending your money in the manufacturing process. In addition, you can analyze costs in job orders and inventory and transfer them to the general ledger.

**FABRICATED METALS MANUFACTURING CHECKLIST**

Refer to the checklist below for specific Made2Manage features that are uniquely suited to the fabricated metals industry.

- Bills of material
- Budgeting and cash flow
- Document management
- Engineering change management
- Web-based collaboration
- CAD Link
- Inventory management
- Job costing
- Job orders
- Job splitting/merging
- Lot control
- Materials management
- MRP
- Return materials assignment
- Purchase orders
- Field service
- Split commissions
- Quotes and estimates
- Alternate work centers/routings
- Sales orders
- Yield management
- Finite planning
- Finite scheduling
- Capable-to-promise
- Demand forecasting
- Product configuration
- Tooling and gauge (quality management)
- Custom reports
- Shop floor data collection (barcode)
- Customer relationship management
- Warehouse management

**GENERAL FEATURES**

Explore the comprehensive feature set of Made2Manage Enterprise Business System:

**Enterprise Resource Planning**

- Accounts payable
- Accounts receivable
- Alternate work centers/routings
- Bank reconciliation
- Bills of material
- Budgeting and cash flow
- Engineering change management
- Financial reporting tools
- Fixed assets
- General Ledger
- Human Resources
- Inventory control
- Invoices
- Job costing
- Job orders
- Lot control
- Materials management
- MRP
- Multi-currency
- Multi-site manufacturing
- Payroll
- Progress billing
- Purchase orders
- Quotes and estimates
- Receiving
- Reference Designators/Sourcing
- Return material authorization
- Routings
- Sales orders
- Shipping
- Shop floor data collection
- Split commissions
Supply Chain Management

- Capable-to-Promise
- Demand Forecasting
- Finite Planning
- Finite Scheduling
- Infinite Planning
- MRP
- Warehouse Management
- Yield Management

Customer Relationship Management

- Field Service
- Product Configuration
- Sales Force Automation
- Sales Forecasting

Business Intelligence

- Business Analytics
- Custom Reports

Business Collaboration

- EDI
- Enterprise Integration
- Enterprise Portals
- Web-based Collaboration

More than 9,000 customers around the world rely on us to give them a competitive edge. By providing innovative, industry-driven enterprise application software, Aptean helps businesses to satisfy their customers, operate most efficiently, and stay at the forefront of their industry.

For more information, visit: www.aptan.com