Comprehensive manufacturing solutions.
Complete control.

RAMCO ERP FOR DISCRETE MANUFACTURING MANAGEMENT

Comprehensive manufacturing solutions for auto components, industrial products and machinery.
GAIN BETTER CONTROL OVER YOUR ASSETS

Simplify deployment and maintenance, reduce risk and accelerate time-to-value with a scalable, flexible, and ready-to-use solution. Ramco Discrete Manufacturing Solution is suited for stand-alone as well as multiplant, multigeography, multicompany and global enterprises. The solution is designed and configured to support the complex make-to-order, make-to-stock and configure-to-order requirements of diverse discrete manufacturing industries. The solution has been deployed effectively at both mid-size and large manufacturing enterprises.

Fully SOA compliant, Ramco ERP offers business process assets for discrete manufacturers. It supports a wide range of industry processes and operations, including inventory management, procurement, production, asset maintenance and management, supply chain planning, sales & marketing, CRM, finance, human resources and payroll. These components can be selectively configured to adapt to your unique business needs. It also gives discrete manufacturers the perfect balance of MRP for time-phased requirements planning. Discrete manufacturers can generate purchase requisitions, besides coming up with tentative production schedules. Real-time alerts and notifications help create the material plan that is essential for meeting customer demands efficiently.
FOCUS ON THE BIG PICTURE

By automating many of your processes and providing you with seamless, end-to-end management, monitoring and communication, Ramco Manufacturing Solution helps you see exactly what is occurring today, so you can plan for tomorrow. Our smart tools and wide range of solutions understand the challenges of your unit and go beyond automation to optimization and generation of intelligent, consolidated reports, thereby helping you get a better grip over operations.

Our integrated combination of software and services for Discrete Manufacturing includes:

- **Supply Chain Solution**: An integrated solution to handle the supply and demand management side of the business.
- **Manufacturing and Quality Management Operations**: A seamlessly integrated solution that ensures real-time recording and flow of information across the shop floor and takes care of the quality aspects as well.
- **Analytics Tool**: A real-time tool to help your management gain insight into core operations and their effectiveness, and alert them to deviations.
- **Maintenance Solution**: Allows effective upkeep of machinery in the most optimum manner by providing multiple options for planning the maintenance activity, configuring maintenance workforce and managing the spare part stock.
- **Human Resource Management and Payroll Solution**: Allows effective end-to-end management of the various aspects of your most important resource—your workforce.
- **Financial Solution**: A comprehensive financial model loaded with industry best practices and up to date with the latest statutory requirements, this solution helps you meet the finance and costing needs of your enterprise—payables, receivables, fixed assets, costing and general accounting – all integrated in real time with the various enterprise functions.
**MULTIPLE PROCESSES. ONE CONTROL.**

Imagine having all your processes overseen by a master supervisor who silently keeps performing at the back end. Unlike other solutions that need different levels of intervention, Ramco Discrete Manufacturing helps you manage all your important processes using one integrated solution.

**ERP Suite | Offering**

Our solution benefits the Discrete Manufacturing Industry by:

- Optimizing production resources
- Reducing surplus inventory
- Enabling efficient demand-based planning
- Managing costly engineering changes
- Managing elegant product costing and estimation
- Maximizing asset availability
- Increasing workforce productivity
- Ensuring consistent product quality
AUTO COMPONENTS

WEAVE OEMS, SUPPLIERS, AND PARTNERS INTO A COLLABORATIVE ECOSYSTEM FOCUSED ON INCREASING EFFICIENCY AND RESPONSIVENESS

Core functionalities

• Centralized item definition
• Dependent/independent planning
• End-to-end lot/serial traceability
• Different valuation methods
• Subcontractor material tracking and reconciliation
• Distribution planning
• Payment terms
• Complete manufacturing planning and control system
• Component yield and scrap
• Operation subcontracting
• Preventive, predictive and breakdown maintenance
• Supplier portal

Benefits

• Improve manufacturing and planning control
• Warehouse replenishment for OEMs
• Vendor Managed Inventory
• Enhance operational efficiency and productivity
• Ensure distribution planning and visibility across the supply chain
• Facilitate tracking work-in-progress efficiently
• Ensure adherence to quality and regulatory norms
• Take accurate and timely decisions
• Improve customer experience
• Integrate suppliers with your supply chain through supplier portal
INDUSTRIAL PRODUCTS AND MACHINERY

MEET COMPLEX ENGINEERING REQUIREMENTS WITH BETTER QUALITY, LOWER COSTS AND QUICK DELIVERY

Core functionalities

• Completely web-architected solution
• Scalable and flexible enterprise model
• Multicountry, multicurrency, multilanguage
• Item Attribute Management for defining key properties of products
• Reporting, drill downs and audit trails
• Warehouse management
• Complete manufacturing planning and control system
• Master production schedule and RCCP
• Integrated MRP & CRP with action messages
• Forward, backward, and interactive graphical scheduling
• Operation subcontracting
• Ability to integrate with AutoCAD drawings
• Troubleshooting guide and resolution
• Outsourcing of maintenance activities
• Back-order report, forecast consumption report, MRP report & work order report

Benefits

• Stock visibility across the supply chain
• Efficient distribution and sales planning
• Vendor Managed Inventory; powerful forecasting and planning techniques to optimize inventory in warehouse
• Directly update Bills of Material from AutoCAD drawings
• Model the key properties of your products to ensure accuracy in production
• An effective lot/serial number tracking system to track parts till the zone/bin level
• A powerful subcontractor module to support conversion, service and activity subcontracting
• Detailed time phased planning for meeting medium and long-term goals
• Integrated quality control at purchase, production and inventory levels
• Tools such as Ramco RTI, Ramco eConnect to integrate the ERP system with data collection systems at the shop floor, or with data coming in from customers or suppliers as part of eCommerce
THE RAMCO ADVANTAGE

• Viable alternative to expensive Tier 1 vendors
• Much lower Total Cost of Ownership (half or less compared to Tier 1)
• Proven solution for discrete manufacturers
• Flexible to customize if needed
• Rich out-of-the-box functionality
• In-built productivity, usability and Extension Development Tools
• Compliant with local statutory requirements
• Fully web, SOA & XML compliant
• Pure software ISV—no conflict of interest

ABOUT RAMCO

Ramco Systems is part of the USD 1 Billion diversified conglomerate, the Ramco Group of companies. Ramco Systems is a rapidly growing cloud enterprise software company focused on providing multi-tenanted enterprise software to corporates in the area of ERP, HCM and Payroll, M&E MRO for Aviation, with Mobile first philosophy and In-memory based Planning and Optimization engine. At Ramco, we understand that functionality alone cannot help a product succeed in today’s crowded marketplace. With utmost importance to usability, Ramco has charted out a product philosophy of MUSIC—an acronym for Mobility, User Interface, Social, In-Memory and Context-aware applications. Headquartered in Chennai (India), the company has 20 offices spread across India, USA, Canada, Europe, Australia, Middle East, South Africa and APAC.
Customer Speaks

**UPECA Aerotech Sdn Bhd**

“We are greatly impressed by the professional attitude shown by the Ramco team whether it is the consultants, sales or after sales support that has been given to us. There has been excellent support in terms of providing the services well on time & they truly stand by their motto in terms of creating enduring value for customers.”

**Al Ghurair Iron & Steel LLC**

“We needed a solution that would integrate our data with real time information for easy accessibility by various departments. We have gone live on Ramco ERP on Cloud and have already seen tangible benefits obtained from venturing into Ramco, i.e. faster processing of materials received, reduced data error, better control of serial numbering, material batch tracking, integrated real time information, prompt and accurate inventory valuation reports. Choosing Ramco was the right decision.”

**MJB Wood**

“We are greatly impressed by the professional attitude shown by the Ramco team whether it is the consultants, sales or after sales support that has been given to us. There has been excellent support in terms of providing the services well on time & they truly stand by their motto in terms of creating enduring value for customers.”

**Ramco helped MJB Woods’ implement Vendor on-Site VOS™, a unique supplier inventory management model which has helped increase operational efficiency for both MJB Woods and their customers.**

**Real Talent Engineering Ltd.**

“Implementing Ramco ERP has given us an opportunity to deploy a robust information system without investing in additional IT resources. This model is a cost-effective solution that enables us to focus on our main business ideals. Ramco’s speedy installation and excellent post-implementation support are commendable.”

**BrahMos Aerospace**

“Ramco Systems, One of the indigenous and trusted India Industry partner, has done a commendable work on implementation of ERP application at BrahMos Head quarters and Production Centres. The consultants deployed for studying our Business Processes and rolling out ERP solution have done a great job, which speaks of proficiency and expertise of the Ramco employees. BrahMos Aerospace is proud to have such an excellent Industry Partner.”