



MANUFACTURING

Boost control, efficiency, agility and quality across your business – from concept to delivery. Fast-track time to market, gain new production efficiencies and lower costs with Embrace manufacturing solutions.



Boost Efficiency

Manage your entire manufacturing operation faster and more effectively from procurement and scheduling to shop floor, inventory, sales and financials. Promote strategic collaboration and improved operational efficiency with deeper insight into quality and costs.



Single Source of Truth

Leverage one single source of truth for timely and transparent access to critical product information that helps sharpen your decision-making abilities, shorten cycle times for changes and approvals, minimise scrap and rework, and boost productivity.



Customer Satisfaction

Improve manufacturing reliability and product traceability with centralised processes and automated data collection. Track and trace lot, batch and serialised products to meet compliance regulations, while ensuring products meet or exceed the high standards of your customers.

Automate and streamline all your manufacturing processes from planning to execution, covering every aspect of the manufacturing cycle from the top floor to the shop floor. React quickly to demand changes, predict operational issues, and improve everything from production time and costs to inventory management.

Embrace the future today! Take advantage of an innovative, fast, flexible, scalable and easy-to-use business solution that supports your current needs and will promote your competitive edge far into the future.



Business Benefits



Embrace ERP provides the foundation to improve business efficiency, customer service, and overall manufacturing productivity for factories of all sizes, across a broad range of industries, such as metal fabrication, automotive, parts and accessories, industrial machinery and equipment, plastics and rubber, high-tech and electronics, chemicals and food and beverage. Embedded industry best practices and business processes can be used as is or adapted to meet your exacting needs.



Catering for both short and long production runs, Embrace provides the tools to enable you to plan, record, track and control your output, with end-to-end visibility throughout your manufacturing supply chain. Clearer visibility allows you to make smarter decisions about what to manufacture, when, where, with what resources and in what sequence. This enables you to optimise the competing demands of cost versus availability, while still avoiding stock shortages.



Balance quality and assurance with productivity, reduce scrap-related costs, increase yield and improve productivity. Throughout Embrace, quality management data and processes have been streamlined and integrated to enable end-to-end quality visibility - through product design, procurement, inventory, manufacturing and field service, ensuring rapid detection and resolution of quality events.



Increase your manufacturing efficiency by striking the right balance between supply and demand, while optimising capacity, increasing production and reducing waste. Embrace provides extensive demand management capability with full visibility into future demand and the resources available to meet that demand. Sophisticated scheduling tools support forward, backward and bi-directional scheduling. A real-time view of your capacity loads assists you to quickly identify any bottlenecks or problem areas.



Embrace Manufacturing gives you complete control over your entire production process, across multiple manufacturing modes. From advanced make-to-order to simple make-to-stock and from discrete to process or mix-mode manufacturing, our solution provides you with the tools you need to plan, execute and control production. The real-time coordination of planning and execution enables you to quickly react to demand changes, predict operational issues and improve operational performance.

Our Approach

Selecting an ERP solution that best fits your unique business requirements includes evaluating the service requirements that go hand in hand with deploying an optimised solution. ACS-Embrace ticks all the boxes, going beyond solutions, offering a variety of services to assist you as and when necessary. Dedicated, experienced and expert teams assist with every phase of the project, from the ERP investigation and purchasing cycle, through implementation, training and go-live to ongoing system support.

We believe that Service is the most powerful differentiating factor for businesses today and have aligned our team strategy to meet the demands and challenges in an ever-changing IT and ERP environment, ensuring that we deliver Service Beyond Excellence!

MANUFACTURING

Plan, execute and control production more effectively.

Control and manage the entire business process chain from suppliers to the production processes through to delivery and customer service.

Flexible, powerful and easy-to-use, Embrace works the way you do, rather than forcing you to conform to a rigid set of processes and procedures.

Deliver customer-centric products faster, with smart production technology.

Streamline and accelerate your entire manufacturing process, from planning and scheduling to monitoring and analysis.

Drive operational excellence, improve visibility and collaboration, mitigate risk and enforce compliance.

Leverage innovative and integrated cost management for managing planning, tracking, accounting and accurate reporting of production costs. Calculate costs based on material, including landed costs, resources and overheads.

Take advantage of smart automation and predictive processes to help you maximise efficiency and responsiveness.

Increase your competitive edge by implementing a digital innovation system that interconnects product, supply chain, manufacturing, customer and service processes.



Critical to success is a single, integrated system that streamlines your entire production cycle, drives operational excellence, facilitates customer and supply chain collaboration, provides wide-ranging visibility and addresses unique challenges in your operational environment.

Built specifically for today's make-to-order, engineer to order, configure to order, build to stock, and mixed mode manufacturers, Embrace enables you to control, integrate, synchronise and embrace every aspect of the manufacturing process.

A robust cost management solution supports the planning, costing and analysis of your manufacturing costs. Flexible work order costing supports all costing methods, such as standard, average and actual.

Provide customers with the right products, at the right place, at the right time!

Inventory control is a key aspect of any manufacturing business and Embrace's integrated MRP and inventory management solutions are designed to coordinate the actions of all business segments to ensure that the correct level of stock is maintained. This includes raw materials for production as well as finished goods, to satisfy customer demand.

From selling and sourcing to production and fulfilment, Embrace gives you clear visibility across your business, helping you automate and manage the business processes you need to win today and prepare for growth tomorrow.

Manage and streamline your custom-design and order fulfilment process, improve customer collaboration and service, maintain accurate job costing and pricing, while ensuring quality and on-time delivery.

Bill of Materials

Issue and track raw materials using both physical counts and variable mass or measurements. Detailed drill down enquiries from Manufacturing Orders shows outstanding requirements, stock availability and possible alternatives. Complete more jobs in less time with cost savings on both labour and materials.

Inventory Management

Optimise stock levels for improved profits. Meet customer demand, maintain superior customer service levels, increase operational efficiencies, streamline stock movement, run leaner and drive down supply chain costs, while providing tight control and complete visibility.

**Multiple
Units of Measure**

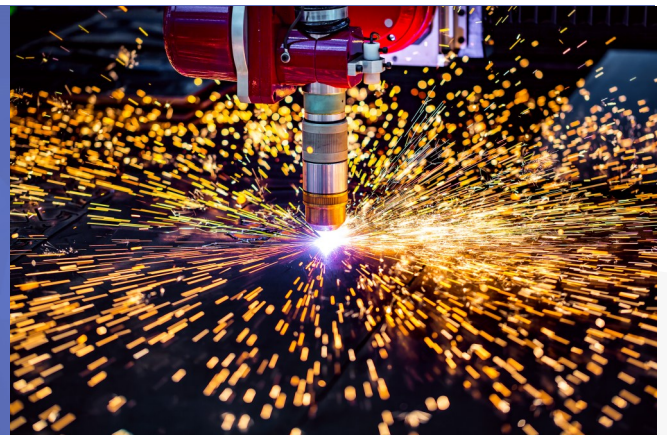
Ensure accurate ordering, manufacturing, selling, pricing and costing of inventory items by enabling the transactions to be processed in any relevant unit of measure. An unlimited number of units of measure can be defined for each stock keeping unit.

**Concurrent
Units of Measure**

Enable transactions to track both a physical count as well as a variable mass, length or volume equivalent - ideally suited to environments handling variable mass products. When a concurrent unit is added to a product, Embrace expresses all costs and prices in that concurrent unit.

“Embrace Manufacturing works like a dream! We do deep serial and lot number tracking at all component levels. Our equipment operates in hazardous environments, world-wide, so quality control is critical. When a product or component needs to be recalled, Embrace knows exactly where it is, making it very easy to recall faulty components.”

Leon Maritz - General Manager - Metermatic



Product Configurator

Tailor products to customer needs with our fully embedded product configurator. Enter orders and calculate sales prices based on customer configurations of the product - without the need for multiple bills of materials. Maintain a library of common configurations for rapid processing of repeat orders

What-If Simulator

Assess cost implications of design, material, labour and manufacturing route changes before updating the Bill of Materials. Embrace enables you to accurately evaluate job costs, assess margins and determine profitable selling prices.

Cut costs, boost productivity and embrace manufacturing excellence! Increase your manufacturing efficiency by striking the right balance between supply and demand, while optimising capacity, increasing production and reducing waste.

Quotations & Estimations

Create phantom bills of materials for estimates, which are easily converted from estimate to quote to order, without re-entering any data. Target efficiency and define elements of costs to ensure the profitability of your manufacturing plants.

Work In Progress (WIP)

Minimise job costs through the efficient utilisation of production resources. Accurately control costs of work orders in progress and manage shop floor performance by tracking material, labour and resource utilisation.

Kitting

Efficiently convert inventory items into a saleable kit or product with full cost and forecasting visibility. All costs, including components, packaging, labour, outwork and transport are rolled up into the finished product, dramatically improving product costing and pricing.

Lot Traceability & Serial Tracking

Ensure quality and ISO requirements are met with product and component traceability throughout production. The enhanced monitoring of the raw material use-by dates and batch quality control ensures that you are not left with expired stock and that there is no wastage.

Activity Based Costing

Enhance product costing by assigning the sources of costs to their originating business processes. Accumulate all costs associated with the purchasing, manufacturing and selling of items, to improve accuracy in calculating product profitability.

Embrace Powerful Capabilities for Manufacturing

- ◆ Streamlined, simplified and integrated production planning and execution processes
- ◆ Enterprise-wide visibility across supply, production, inventory and demand
- ◆ Automated capacity planning
- ◆ Extensive lot, batch and serial number traceability
- ◆ Product configurator, options and variants





Embrace improved levels of performance with intelligent scheduling.

Optimise and improve your end-to-end manufacturing operations through visibility, coordination and better workflow of core manufacturing activities.

Increase material availability and decrease working capital with material requirements planning (MRP). Embrace MRP uses projected and actual demand and supply to assist in planning and creating realistic production, purchasing and supply transfer schedules. The system also identifies capacity constraints and maintains optimal stock holdings in multi-site and multi-warehouse environments.

Embrace Manufacturing Resource Planning (MRPII) provides you with critical insight into the requirements, availability, and usage of resources during complex manufacturing processes. Fully integrated with Sales, Forecasting and Procurement, Embrace MRPII ensures the right amount of raw materials at the right time to support manufacturing, along with shop floor production planning, machine capacity scheduling and demand forecasting. MRPII also provides the tools for tracking employee attendance, labour contribution and productivity.

EMBRACE ERP BENEFITS

- Single, end-to-end, integrated ERP Solution
- Consumer-grade user experience with role-based homepages and workflows
- A multi-company, multi-site, multi-currency solution
- Deployment in the cloud, on-premise or in a hybrid environment
- Scalable, flexible, agile and suitable for businesses of all sizes.
- 100% implementation track record ensures low total cost of ownership and quick time to value



“Embrace has enabled us to accelerate order turnaround by bringing greater efficiencies to order management, forecasting and the manufacturing process.”

Enoch Silcock - Area General Manager
WABCO SA

Leverage advanced analytics, forecasting and quality tracking tools that drive long-term cost savings and more competitive delivery deadlines. Achieve a higher level of performance with intelligent scheduling and dispatching tools to increase profits and improve customer loyalty.

Embrace Manufacturing provides manufacturing and supply chain material management with integrated and innovative cost management, embedded quality management, comprehensive reporting and analytics, and ease of use, enabling outstanding user productivity and excellent return on investment.



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