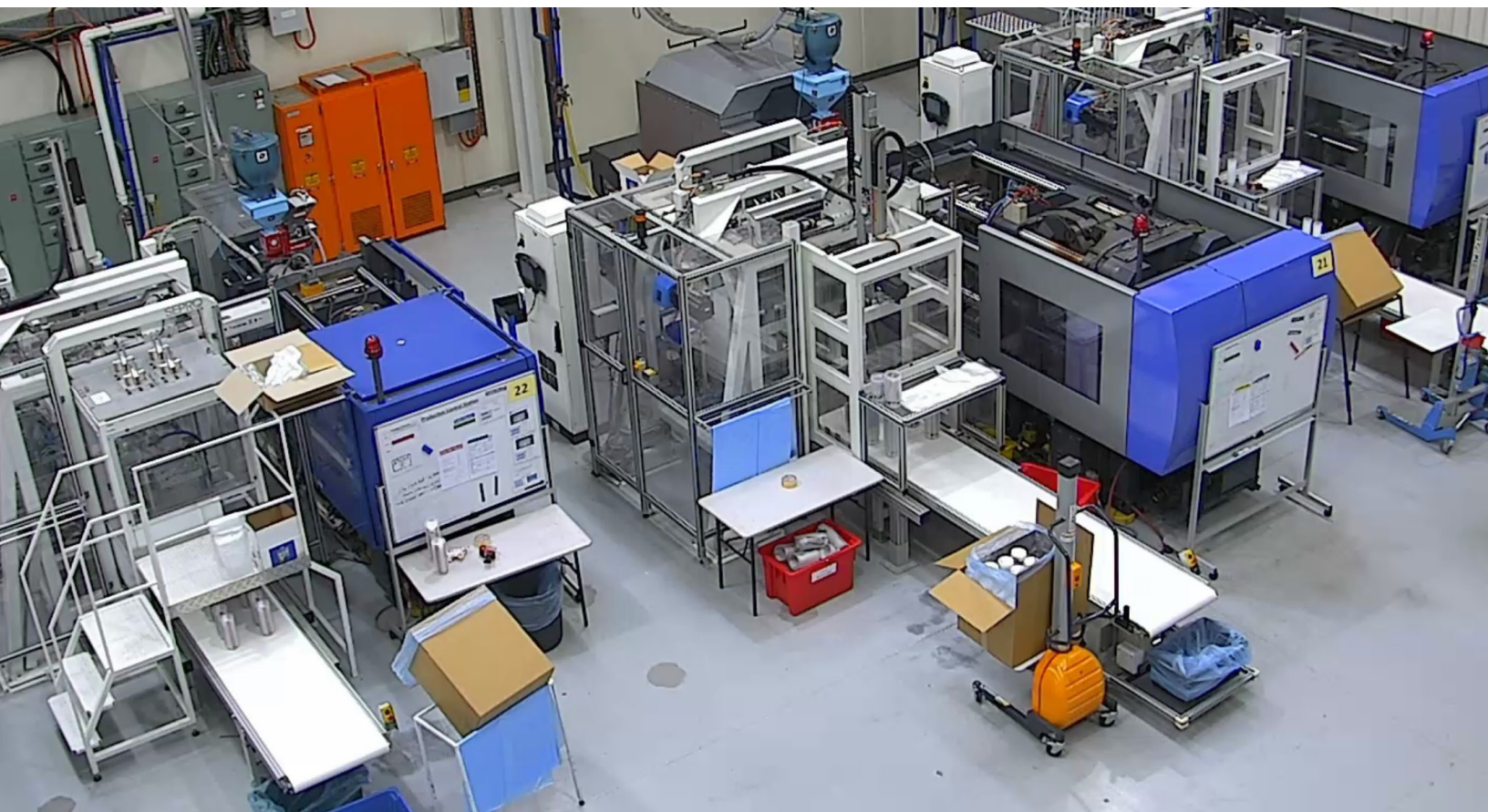


GAMSEE INDUSTRIES (VICTORIA) PTY. LTD.

GROWING PLASTIC INJECTION-MOLDING PRODUCTION COMPANY WITH DELMIWORKS ERP SYSTEM

Case Study



Gamsee Industries has relied on DELMIWorks Enterprise Resource Planning (ERP) solutions to automate many of its plastic injection-molding operations and grow the company over the past two decades, including a quadrupling of business over the past five years.

Challenge:

Leverage automation and enterprise resource planning (ERP) technology in its custom plastic injection-molding manufacturing operations to gain a competitive advantage and grow the company.

Solution:

Replace reliance on Excel spreadsheets and white boards with the DELMIAWorks Enterprise Resource Planning (ERP) system, including the ERP, Finance, Scheduling, Estimating, Quality Management, Inventory Management, Forecasting, Tooling Management, Preventive Maintenance (MRO-Maintenance, Repair, Overhaul), Real-Time Production Management, Warehouse Management, and Customer Relationship Management (CRM) modules.

Results:

- Quadrupled business over past five years
- Improved margins and profitability
- Automated many production operations
- Maximized resource utilization

Founded in 1972 by Steve Juzva and three partners, Gamsee Industries has grown its custom plastic injection-molding manufacturing business through its commitment to quality and customer service. Today, more than 50 years later, Gamsee enjoys an enviable reputation as a supplier of high-quality plastic products throughout its customer base across Australia. The company not only provides plastic injection-molding production of parts but also offers in-mold labeling (IML); product development; thin-wall packaging; high-speed assembly and packaging; 3D printing; inspection, testing, and metrology; customer stock management; and warehousing services.

Gamsee's fleet of plastic injection-molding machines range in capacity from 25 tons up to 850 tons, and provide the company with the flexibility to handle almost any plastic application. The firm's plant is heavily automated with robots from France, and the company's injection-molding machines are made in Europe and Japan. Gamsee has continually reinvested in all-electric molding technology for its energy efficiency, precision, speed, and cleanliness, the latter of which is critical for its thin-wall packaging work.



"The accuracy of the information provided by DELMIAWorks allows you to have your finger on the pulse of what's happening on the production floor at any given time. DELMIAWorks makes everything that we have to do in terms of injection-molding so much easier."

— Kris Juzva
General Manager

According to General Manager Kris Juzva, the company's biggest growth spurt has occurred over the past two decades, during which time the company leveraged the DELMIAWorks® Enterprise Resource Planning (ERP) system. "Twenty years ago, before we had an ERP system, we were scheduling, tracking, and managing work using Microsoft Excel spreadsheets and a white board, which in hindsight wasn't the most efficient approach," Juzva recalls. "We initially were interested in a scheduling solution to help us better manage the workload, but as soon as I saw how easy it is to access critical information about our operations with DELMIAWorks ERP, I knew that it was the right solution for helping us grow and manage a greater volume of business, and our history has proven me right. Back then, we had eight or nine injection-molding machines. Today, we have 40 machines."

Gamsee decided to implement the DELMIAWorks ERP systems—including the ERP, Finance, Scheduling, Estimating, Quality Management, Inventory Management, Forecasting, Tooling Management, Preventive Maintenance (MRO-Maintenance, Repair, Overhaul), Real-Time Production Management, Warehouse Management, and Customer Relationship Management (CRM) modules—because they support process-specific manufacturing processes, including injection-molding, and provide the capabilities that would help Gamsee boost productivity, make better decisions, and continue to grow.

"I can't imagine doing what we do today without the level of automation provided by the DELMIAWorks ERP system," Juzva says.

"For example, when a press is running in the green on the Real-Time Monitoring screen, that's good because it's running right on time," Juzva continues. "If the press shows black on the screen, that's also good because it means the job is running ahead of specifications. But, when the press shows red on the screen, that's a problem and a fire that needs to be put out. Without DELMIAWorks, we wouldn't know if a job was making or losing money. With DELMIAWorks, we're alerted to problem jobs immediately, giving us the opportunity to make adjustments."

SUPPORTING RAPID GROWTH

Gamsee has continually grown since first implementing the DELMIAWorks ERP system more than 20 years ago, with the most rapid growth occurring over the last five years. "We've quadrupled our business over the past five years because the DELMIAWorks ERP system has helped us become 100 percent leaner in our operations," Juzva points out. "The automation and information that DELMIAWorks provides has improved our ability to handle even the most complex molds and automate production of family molds.

"We've added additional services as we've tapped additional DELMIAWorks modules," Juzva says. "We're saving time and money, which helps us maintain and sustain our rapid growth trajectory."

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