

SPRING 2017

Moulding the Future

Edition **2**

The Latest News and Information



Show Time



This was our fifth visit to the Southern Manufacturing & Electronics exhibition at FIVE in Farnborough.

Once again, it was great to meet both new customers and familiar faces – we'd like to thank everyone for coming to visit us and making this event such a success.

The show has proved it's worth again, bringing in large quantities of interesting opportunities and technical moulding projects.

Our next step will be considering exhibiting overseas with a view to widening our customer base into different economies.

Expanding our plastic injection moulding capacity

To allow for further growth, the new wing, to the north of Broanmain's existing buildings, now houses both of our existing Sumitomo Demag 250T plastic injection machines along with a new 160T machine, again a Sumitomo Demag. The building and knock through were completed at the end of 2016 and marks the beginning of a phase of scheduled re-organisation throughout the production side of the business. These changes are being made to improve flow process and therefore increase productivity. (continue on page 2)



Expanding our plastic injection moulding capacity



The new wing has an epoxy floor and will shortly also house a dedicated shop floor quality zone. As the re-organisation evolves, the plan is to improve both the lighting and flooring throughout the older part of the unit with both materials and tooling being re-sited, further enhancing the flow process.

The addition of a further injection moulding machine not only increases capacity, but also improves efficiency. Better still, there remains space for two additional moulding machines to be incorporated.



We would like to invite our customers to visit our extended facility and meet the new members of our team, please contact us to arrange a time.

Reliable Supply Chain

Nearly 60% of our current deliveries are supplied on a Kanban basis, this is a 50% increase over the past 2 years.



The system ensures that, in situations where our customers require a regular delivery of a part, the stock is held at Broanmain and delivered as and when required in agreed fixed quantities.

The benefits to our customers are that the goods are made but not invoiced until such time as it is delivered. The liability quantity is agreed at the outset and larger batch runs gives the benefit of reduced unit costs.

Of course, one of the main bonuses of the system is that items held in stock are guaranteed for on-time and in-full delivery to our customer's requirements.

Staff News

Internal Promotions

Monika Siakala and Kamil Stec have both been promoted within our after-moulding area.



Monika is responsible for despatches, both Kanban and spot orders, whilst Kamil is overseeing the stores. Together they manage the after-moulding team providing technical support where it is needed.

A Fresh Approach to Recruitment

Following unsuccessful attempts at recruiting new, high quality, injection moulding setters via agencies, we have taken a new avenue which has proved fruitful. The decision was taken to recruit and provide training to a graduate with an engineering based degree. Broanmain provides training, both in house and via external sources, to ensure our trainee works to the disciplines that are required in a modern mould shop.

Maria Iglesias Lopez joined the team at the beginning of the year and has an MSc in Process Systems Engineering and BSc in Chemical Industrial Engineering. Maria has already attended the Sumitomo Demag Introduction to Injection Moulding course.

Further courses, including troubleshooting and advanced moulding techniques, will follow. Maria will then share what she has learnt with our existing team.



We see this step as an exciting change in our approach to technical staff providing our business with a higher level of technical support without incurring the high cost of using a recruitment agency.

ISPA Students

During February and March we were joined by Maelys and Alexandre (pictured below in the centre with Thomas and Wilf) from ISPA in France. They were here for 3 and 6 weeks respectively as part of their college training and were supporting the production



team with their moulding knowledge and were also briefed to get a comprehensive plan in place to enhance our daily maintenance programme.

Quality Update

Broanmain Plastics has been accredited and working to the ISO9001 certificate for Quality Management since 1989. At the moment the company is in the process of transitioning to the new ISO standard ISO 9001:2015, reinforcing our continual commitment to excellence in product quality and performance.

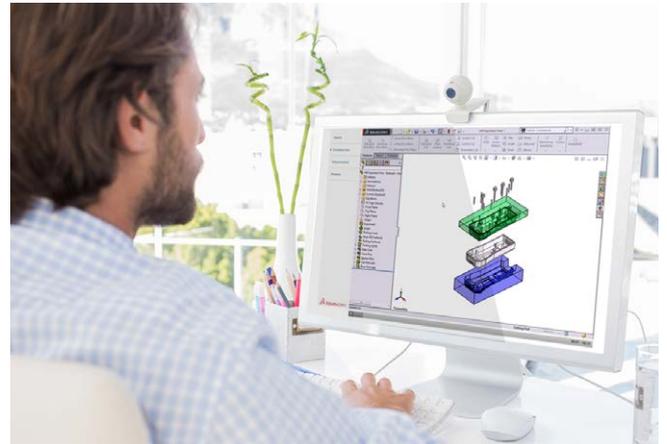
This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement.

The company wants to transfer to the new certification to ensure customers get consistent, good quality products and injection moulding and post moulding services. All company procedures will be changing to be documented in flow charts, showing all processes from ordering to production, finishing and despatch. The official transition is planned for completion in 2018.



Technology News

Broanmain has recently upgraded the design software to the latest installation of SolidWorks which will help us drive the product development process to reduce timescales and improve ultimate production efficiencies.



Benefits:

- Efficient and simple design and modification tool for customers' 3D/2D drawings
- Ability to highlight and identify any possible moulding issues
- Improves communication between client, customer and toolmakers

New Tooling Projects

Rowlett Rutland

Going into production during April & May will be a range of coloured ends for the Rowlett Rutland toaster. We have supplied injection moulded parts to Rowlett Rutland for many years and are delighted to be involved in the next phase of their product range.



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