

August 2021, Kottlingbrunn/Austria

PRESS RELEASE

WITTMANN BATTENFELD UK

Significant energy-savings from the *SmartPower* machinery range

Over the last few months WITTMANN BATTENFELD has succeeded in winning new customers in many markets with its SmartPower injection molding machines. The appealing design of the SmartPower, its near-silent operation, the highly repeatable process capabilities, wide platens and class-leading compactness are perhaps some of the main factors influencing a purchase. However, once in operation, the bonus of the SmartPower's extreme energy efficiency performance also becomes an inescapable fact.

In numerous meetings with customers held by Dan Williams, Managing Director of WITTMANN BATTENFELD UK following the installation of *SmartPower* machines, energy efficiency has come up as a topic of particular significance. The magnitude of actual savings realized on the production floor by comparison to similar machine models has exceeded expectations and surprised many users.

A typical example is White Horse Plastics (WHP) based in Oxfordshire, which recently ordered a *SmartPower* 60. WHP Managing Director Paul Bobby says that "after labor and raw material costs, energy and utilities present us with the next most significant overhead. I always expect to see some significant improvement when comparing old to new, but these outcomes were far more impressive than could ever have been hoped for. In fact, the greatly reduced running costs from the *SmartPower* machine were so incredible that it led to us repeating the exercise in order to check our methodology. But when repeated these results were exactly the same. These machines are called *SmartPower* for a very good reason" says Bobby "and the energy savings achieved are truly world class."

At Thomas Dudley-owned Rugby Plastics similar experiences have emerged: Dr Steven Pepper has been leading the company drive towards factory efficiencies. In this case a *SmartPower* 50 injection molding machine was the basis for the energy measurement work. The machine was supplied with servo power and a HiQ quality

control package and it also deployed the regenerative KERS braking system so effectively used by the WITTMANN Group.

The *SmartPower* was compared to a machine that had been supplied in the early 1990's. Unsurprisingly perhaps the test results were astounding, revealing that the *SmartPower* injection molding machine was six times more energy efficient and six times less costly to run than the older machine.

Joint WITTMANN BATTENFELD UK Managing Director Tracy Cadman says that "my accounting background and expertise tells me that the low running costs of WITTMANN BATTENFELD designed equipment has to be a primary consideration for our customers in any purchasing decision. Customers are increasingly factoring these numbers into a lifetime of machinery performance - over ten, fifteen, twenty years."

Tracy also notes that WITTMANN BATTENFELD UK is able to confidently model and forecast the reduced energy cost they will save prospective customers with *SmartPower* based technology. "Our leading customers in the UK and Ireland are increasingly realizing that low energy production is helping to future proof businesses, not only for cost but also in terms of transparent Industry 4.0 production and securing a low environmental footprint."

A fuller article on this topic will be published in the next edition of WITTMANN Innovations magazine



Fig.: from left to right: Tracy Cadman and Dan Williams in front of a *SmartPower 90*

The WITTMANN Group

The WITTMANN Group is a globally leading manufacturer of injection molding machines, robots and auxiliary equipment for processing a great variety of plasticizable materials – both plastic and non-plastic. The group of companies has its headquarters in Vienna, Austria and consists of two main divisions: WITTMANN BATTENFELD and WITTMANN. Following the principles of environmental protection, conservation of resources and circular economy, the WITTMANN Group engages in state-of-the-art process technology for maximum energy efficiency in injection molding, and in processing standard materials and materials with a high content of recyclates and renewable raw materials. The products of the WITTMANN Group are designed for horizontal and vertical integration into a Smart Factory and can be interlinked to form an intelligent production cell.

The companies of the group jointly operate eight production plants in five countries, and the additional sales companies at their 34 different locations are present in all major industrial markets around the world.

WITTMANN BATTENFELD pursues the continued strengthening of its market position as a manufacturer of injection molding machines and supplier of comprehensive modern machine technology in modular design. The product range of WITTMANN includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, temperature controllers and chillers. The combination of the individual areas under the umbrella of the WITTMANN Group enables perfect integration – to the advantage of injection molding processors with an increasing demand for seamless interlocking of processing machines, automation and auxiliaries.

Contact:

WITTMANN BATTENFELD GmbH
Wiener Neustädter Strasse 81
2542 Kottlingbrunn, Österreich
Tel.: +43 2252 404-0
info@wittmann-group.com
www.wittmann-group.com

WITTMANN BATTENFELD UK Ltd.
Sanders Road, Finedon Road
Industrial Estate
Wellingborough
GB-NN8 4NL Northants
Großbritannien
Tel.: +44 193 327 5777
info@wittmann-group.co.uk
www.wittmann-group.co.uk