

Press release

Faster and more efficient thanks to ProCom control solution: bullmer machines benefit from 6% performance increase

Aachen/Mehrstetten, 1 June 2023: ProCom Automation and bullmer are pleased to announce an important milestone in their long-standing cooperation. Thanks to innovative software optimisations in ProCom's CNC controls, bullmer's machines now cut 6% faster. This progress marks a significant gain in productivity for bullmer, the market leader in cutting and laying technology.

Successful together: a traditional machine construction company and a CNC control specialist

Since its foundation in 1933, bullmer has always pursued innovations in the areas of laying technology and cutting. At the heart of this endeavour has always been the goal of further optimising customers' production processes in the apparel, automotive, advertising technology, upholstered furniture, technical textiles, and aerospace sectors. ProCom, a specialist in CNC control solutions for cutting applications, has been bullmer's development partner for almost 40 years. Now, ProCom has optimised the motion algorithms of control software and the smoothing of the contour data in an intensive process lasting six months.

"Once again, this result shows our ambition: we always want our control solution to be a nose ahead and, therefore, we work on continuous improvements for our customers. Here we have the great advantage that – as an expert in CNC control solutions for cutting applications – we also offer control solutions for other technologies, such as laser cutting, water cutting, plasma cutting and oxyfuel cutting. This is where synergies arise that we use specifically to make our product that little better," says Anette Höchst, Product Owner at ProCom Automation.

A 6% productivity increase brings bullmer customers massive cost savings

In bullmer's test, it was verified that the machine now cuts 6% faster thanks to the software optimisation. In practical application, the increase in productivity means significant cost savings for garment manufacturers. Producers can now process more high-layer stacks as a result of this increased speed. If now, instead of 1,000 t-shirts per day, 1,060 t-shirts are cut due to the 6% increase

in productivity, the manufacturer achieves 60 euros more profit per day with a margin of 1 euro per t-shirt.

In addition to the 6% faster cutting speed, the software optimisations also led to a significant improvement in quality. Particularly with corners, edges, and curves, cutting is now even more precise and leads to an even higher contour accuracy of the cut parts. This also results in potential significant savings for garment manufacturers, as the increased quality reduces waste and scrap.

Reiner Kast, responsible for development and production, from bullmer emphasises: *“High-quality machines need a high-quality control system to exploit their full potential. With ProCom as our long-standing supplier of a high-quality control system, we can rely on receiving a solution that is perfectly matched to our machines and is consistently being optimised.”*

In addition to the higher speed and improvements in quality, ProCom’s control solution offers further advantages, such as cutting with zero clearance. This brings significant savings in material and time. Optimisation potential is also evident in the IIoT production monitoring platform, Clouver. In this way, the machine operator can continuously improve their processes based on the visualised production data.

Cooperation opens up new opportunities in the market

The improvements made through software optimisation impressively demonstrate how bullmer and ProCom use their expertise and commitment to continuous improvement to win over their customers time and again with efficient and high-quality solutions. Kast sees the grown cooperation as the key to innovations: *“Through professional and long-standing cooperation, we always manage to identify new opportunities and promote innovation. This way, we can be sure that we will continue to be pioneers on the market with our machines in the future.”*

About bullmer | www.bullmer.de

Whether clothing, shoes, car seats, aircraft components, sofas, advertising banners or much more: bullmer GmbH ensures the cut is right. As a leading company, bullmer develops and manufactures automated system solutions from material handling to material flow to automatic cutting and sorting. These are worldwide known cutting systems in different widths and all desired lengths, in single and multi-layer cutting, up to automatic storage systems. Precise and of high quality are the system solutions that are "Made in Germany". Different materials such as fabrics, leather, carbon and glass fibres, foams, Alu Dibond, acrylic or cardboard reach their perfect form with bullmer machines – "their best form". What began more than 80 years ago as a metal works in the Swabian Alb is today one of the international industry leaders; bullmer manufactures with more than 120 employees for Germany, Europe, Asia, North and Central America, Australia, and Africa. The Who's Who of the international fashion, automotive, composites, graphics, and furniture industries are among the company's customers. They all appreciate the cost-effectiveness and productivity that bullmer's solutions bring to their production. Comprehensive, globally available service with short response times rounds off the range of services. A team of 120 employees in Germany who value their work and, of course, have the technical know-how, also make bullmer one of the most sought-after suppliers of cutting solutions worldwide.

About ProCom Automation | <https://procom-automation.de/en>

ProCom Automation is a specialist in automation solutions in the cutting and separating industry. For more than 40 years, the experts at ProCom have been developing high-tech control solutions featuring CNC and CAM software, high-quality hardware, and an optimised IIoT solution for the manufacturing industry.

Machine manufacturers all over the world benefit from cutting edge automation solutions for a wide range of cutting technologies such as knife, laser, water jet, plasma, and foam contour cutting. With product development focused on market and customer needs, ProCom Automation delivers unique features with significant added value to provide customers with a key competitive advantage for their success.

Clouver, the IIoT production monitoring platform, connects heterogeneous machine parks and brings transparency to production processes. With the targeted data evaluation of Clouver, unused potentials become visible, and productivity is optimised sustainably.

The company with its headquarter in Aachen is well established in the European and Chinese market and continuously invests in the ongoing development and expansion of its product portfolio as well as in future-oriented technologies like digitalisation for maximum efficiency and flexibility.

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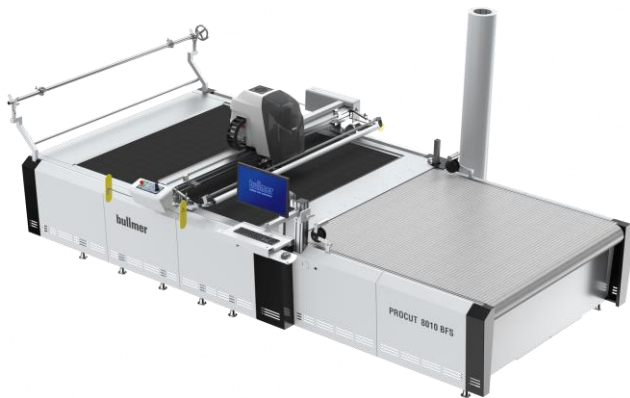
Pictures

(Please contact the public relations contact if pictures with a high resolution will be needed)



Picture caption:

The increase in productivity and the improvement in quality are particularly worthwhile in high ply cutting



Picture caption:

Bullmer cutting machines are 6% faster thanks to the control software optimisation from ProCom Automation