

# A strategic partnership

**W**ith more than 50 years of experience, Linecross is a world-class manufacturer of custom thermoplastic and polyurethane components and provides the highest quality polymer solutions for a wide range of industries, including the automotive, off-highway, leisure, and mass transport markets.

The British group, that now operates two manufacturing facilities - Linecross Rutland located in the East Midlands and Linecross Composites in the West Midlands, has a wide range of processes under its auspices. From vacuum forming and compression moulding to injection moulding and assembly - for the production of both low-volume prototypes and high volume series components.

Linecross success is based on strategic partnerships established with both customers and suppliers, and the one with Belotti is described as one of the most successful ones.

The purchase of a Belotti RO4 machining centre for 4-axis machining of thermoplastic materials dates back to the late 1990s. Then, a first 5-axis machining centre, a Belotti TRIM4020, was purchased in 2010 and quickly followed by two additional CNC centres of the same model, installed to meet the ongoing industrial development of the business and growing production needs from new customers.

Over time, the partnership between Linecross and Belotti has been consolidated and

further developed: in fact, the British company has found in the Belotti TRIM Series a reliable partner, being able to guarantee extreme machining speed, cutting precision and safety.

"Linecross has been delighted with the speed and accuracy achieved on 5-axis trimming of plastic and composite components on our Belotti CNC machines," states Managing Director Stuart Fry.

"The CNC trimming process enables our CNC team to trim vacuum-formed parts across all the sectors we work with."

The high-levels of reliability and productivity gained by applying this technology has led Linecross to make further investments, with three new Belotti TRIM 4022 machining centres purchased during 2022. By the end of 2023 the overall production process will benefit from six Belotti TRIM machining centres, fully operational within the British group's facilities: three Belotti TRIM 4020 and three Belotti TRIM 4022.

"We have benefitted from the flexibility of the machines both in terms of

interchangeability of programs across the multiple centres as well as the overall trimming volume offered for both large and small parts alike," Stuart Fry declares.

The fruitful partnership lays its basis on the excellent support provided by Cannon Shelly, the official Belotti distributor for the UK. "It's a pleasure to be part of the growth of Linecross and over the years we have created a solid partnership between the companies. In fact, Linecross and Cannon Shelley have been working together for over 25 years," recalls Robert Lornie, Operations & Technical Sales Manager of Cannon Shelley.

Belotti TRIM 5-axis machining centre is the ideal solution for trimming plastic and composite materials. The processing speed of this Series does not compromise the cutting and trimming quality, guaranteeing a maximum productivity level.

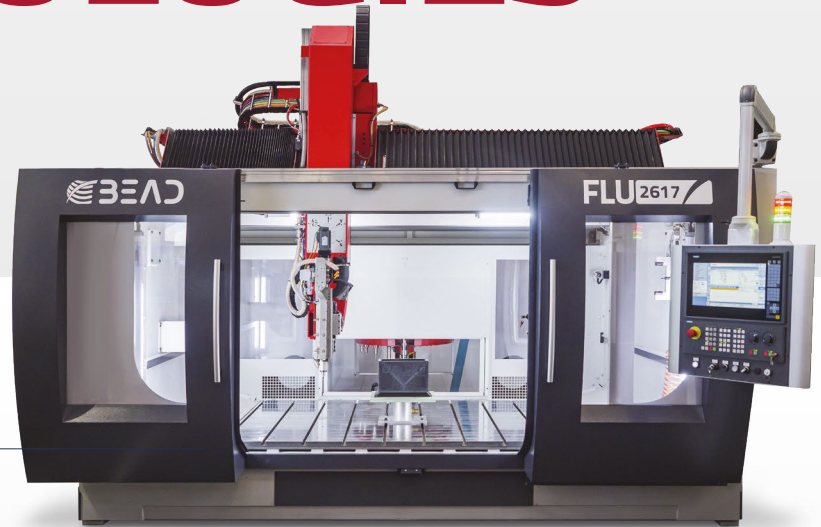
The cycle time is further optimised by the different head configurations available such as revolving head, double-exit electrospindle, that allow a wide range of complex processing, using only one machine; the automated loading/unloading system, reducing set-up times to almost zero with fixed or rotary tables, and twin shuttle systems; a second independent bridge for simultaneous machining operations on different parts or on the same workpiece.



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