

A cut above

Available exclusively in the UK from Cannon Shelley, Belotti has designed and manufactured a number of 3- and 5-axis machine tools capable of milling aluminium and other lightweight alloys, as well as advanced composites and CFRP materials.

They include the MDL Series of advanced high-speed CNC 5-axis machining centres, that ensure maximum productivity when machining models and prototypes, as well as the finishing of large-sized moulds and aerospace parts made of aluminium alloy and composite materials. Using 5-axis heads equipped with (optional) torque motors,



Heidenhain linear scales feedback systems with a 5 micron resolution on the linear axes and highly rigid frames, an enhanced machining accuracy and surface finish quality is achieved.

A wide range of models and cutting heads enable meeting any kind of dimensional and technological needs. A 20 kW or 42 kW spindle can be specified running up to 30,000 rpm, positioning at up to 60 rpm for both the C- and A-axis on the 2-axis rotary head, with the latter offering a maximum



Machining

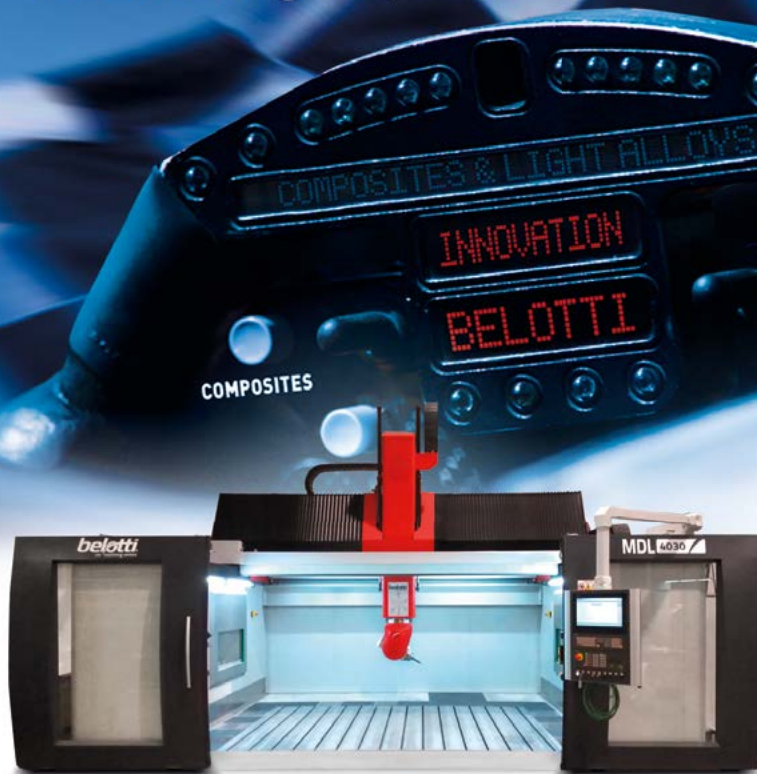
sweep of $\pm 135^\circ$. Productivity is assured with linear axes speeds of 50 m/min in X and Y, and 30 m/min in Z.

Sized and built to suit customer specifications, the MDL Series is offered with an impressively long X-axis of up to 30 m, up to 7.5 m wide in Y and an incredible 4.5 m under the spindle nose in Z. An automatic tool changer can be selected with between 8 and 60 stations to keep the spindle running.

As well as pre- and post-sales service and support, Cannon Shelley also provide application and advanced services to ensure customers get the best from the machine tool investment.

www.cannonshelley.com

Passion for great performances has always driven us.



5 axis machining center
BELOTTI MDL 4030

- RELIABLE
- INNOVATIVE
- STRONG
- HIGH PRECISION & ACCURACY

Niggedel & Associates

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