

# 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

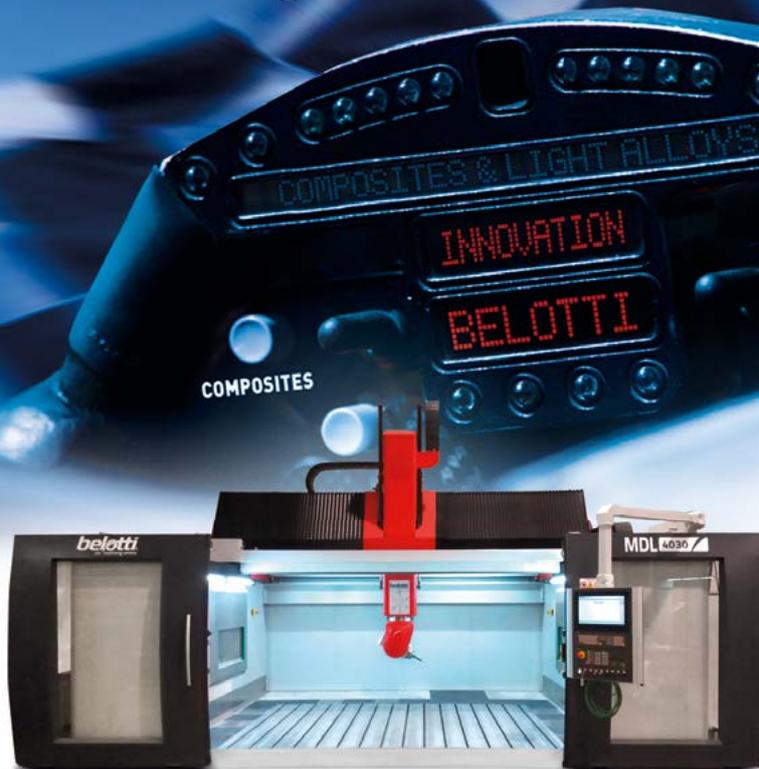
sweep of  $\pm 135^\circ$ . Productivity is assured with linear axes speeds of 50 m/min in X and Y, and 30 m/min in Z.

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](http://www.cannonshelley.com)

Passion for great performances has always driven us.



5 axis machining center  
**BELOTTI MDL 4030**

- RELIABLE
- INNOVATIVE
- STRONG
- HIGH PRECISION & ACCURACY

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