g-MILL



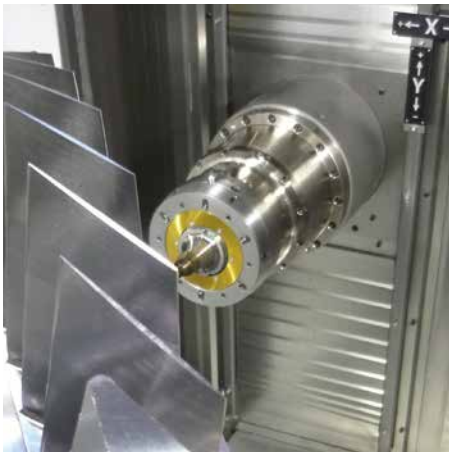
The g-technology blisk machining center

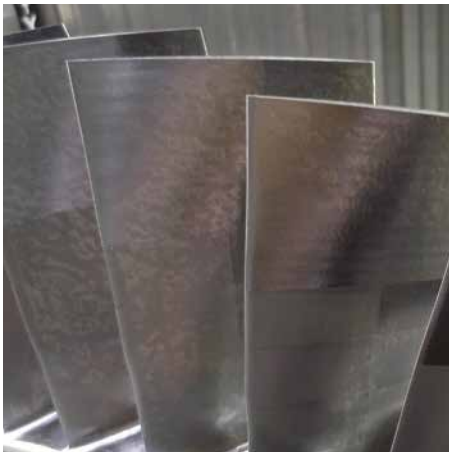
- Heavy Duty Roughing
- Ultra Dynamic Finishing
- Finished Blisk in 1 Setup

LIECHTI

g-MILL : THE SPECIALIZED BLISK MACHINING PLATFORM







The solution for production of medium to large blisks
Roughing and finishing of airfoil, in 1 setup as well as probing and adaptive machining of welded blisks.

Uncompromising for airfoils
High-dynamic machining around the entire airfoil for better quality results and longer tool life

Turn key solution from one single source
The g-MILL is designed for the production of airfoils with 5-axis simultaneous machining technology. Extensive manufacturing experience and CAM programming to suit application specific requirements in technology and service are provided by Liechti – a team of specialists in the production of turbomachinery components for aerospace and power generation.





TECHNICAL DATA*	g-MILL 850	g-MILL 1150	g-MILL 1350
Blisk dia. max	850 mm (33.5")	1150 mm (45.3")	1350 mm (53.1")
Spindle (S1)	18 000 rpm / 20 000 rpm, 166 Nm, 20 kW	18 000 rpm / 20 000 rpm, 166 Nm, 20 kW	18 000 rpm / 20 000 rpm, 166 Nm, 20 kW
Tool changer	50, 97 or 144 positions, HSK-A63 / A80	50, 97 or 144 positions, HSK-A63 / A80	50, 97 or 144 positions, HSK-A63 / A80
Quality inspection	Work & tool measuring	Work & tool measuring	Work & tool measuring
CAM	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus

*subject to change

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