GF Machining Solutions

Liechti

Turbomill gx

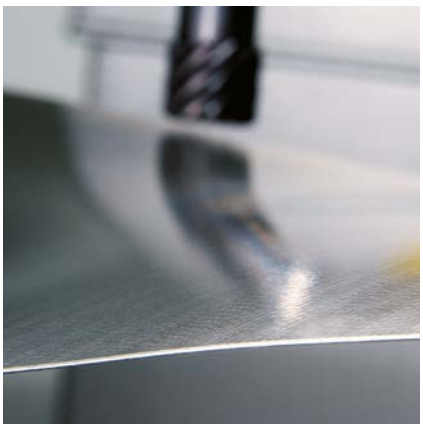
g-technology machining center for large turbine blades

- **Heavy Duty Roughing**
- **Ultra Dynamic Finishing**

Dedicated Solutions

Turbomill 2000 gx and 2600 gx

The specialized airfoil machining platform



The solution for production of medium to long turbine blades

Roughing and finishing of airfoil, hub and shroud in 1 setup as well as probing and adaptive machining of mid-span, chord and further areas of turbine blades.

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 Turbomill gx 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 specialist in the production of turbomachinery components for aerospace and power generation.

Technical data*	Turbomill 2000 gx	Turbomill 2000 gx Twin	Turbomill 2600 gx
Blade length max. (incl. fixture)	2000 mm (78.75")	2000 mm (78.75")	2600 mm (102.3")
Blade swing dia. max.	700 mm (27.5")	2 x 395 mm (15.5")	700 mm (27.5")
Spindle	1 x 16000 rpm/19000 rpm, 200 Nm, 28 kW, HSK-A63, option HSK-A80	2 x 20000 rpm, 120 Nm, 25 kW HSK-A63	1 x 16000 rpm, 200 Nm, 28 kW HSK-A63, option HSK-A80
Tool changer	32, 60 or 90 positions, HSK-A63 40 positions, HSK-A80	60 or 90 positions, HSK-A63	32, 60 or 90 positions, HSK-A63 40 positions, HSK-A80
Quality inspection	Work and tool measuring	Work and tool measuring	Work and tool measuring
CAM	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus

*subject to change

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