TurboMILL *gx*



g-technology machining center for large turbine blades

- Heavy Duty Roughing
- Ultra Dynamic Finishing

LIECHTI

TurboMILL 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 2600 *gx*
Blade length max. (incl. fixture)	2000 mm (78.75")	2600 mm (102.3")
Blade swing dia. max.	700 mm (27.5")	700 mm (27.5")
Spindle	16000 rpm/19000 rpm, 200 Nm, 28 kW, HSK-A63, option HSK-A80	16000 rpm/19000 rpm, 200 Nm, 28 kW, HSK-63, option HSK-A80
Tool changer	32, 60 or 90 positions, HSK-A63 40 positions, HSK-A80	32, 60 or 90 positions, HSK-A63 40 positions, HSK-A80
Quality inspection	Work and tool measuring	Work and tool measuring
CAM	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus

*Subject to change / High-Dynamic or Long Travels version available upon request

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