TurboMILL *i*



i-technology machining center
for a flexible production of precision airfoils

- Improve your flexibility
- Increase your profit

LIECHTI

TurboMILL 800 i AND 1400 i : THE FLEXIBLE AIRFOIL MACHINING PLATFORM



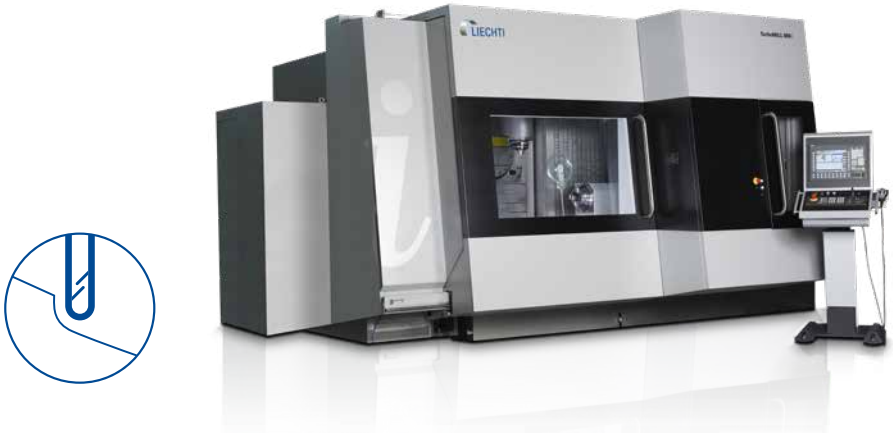




The solution for production of medium to long turbine blades
Roughing and finishing of airfoil, hub and shroud in 1 setup as well as probing and adaptive machining of mid-span, chord and further areas of turbine blades.

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 i 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 800 *i*	TurboMILL 1400 *i*
Blade length max. (incl. fixture)	800 mm (31.5")	1400 mm (55.1")
Blade swing dia. max.	400 mm (15.7")	400 mm (15.7")
Spindle	20 000 rpm, 120 Nm, 25 kW, HSK-A63	20 000 rpm, 120 Nm, 25 kW, HSK-A63
Tailstock	Tailstock or double end rotary configuration	Tailstock or double end rotary configuration
Tool changer	20, 32 oder 60 positions, HSK-A63	20, 32 oder 60 positions, HSK-A63
Automation	Part changer, bar feeder, part gripper	Part changer, bar feeder, part gripper
Quality inspection	Work & tool measuring	Work & tool measuring
CAM	LIECHTI Turbosoft plus	LIECHTI Turbosoft plus

* Subject to change
* High-Dynamic version available upon request

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