

Liechti

Turbomill g

g-technology machining center for small and medium size turbine blades

- Heavy Duty Roughing
- Ultra Dynamic Finishing
- Single or Twin spindle design



Turbomill 800 g / 800 g Twin and 1400 g / 1400 g Twin

The specialized single blade machining platform



Heavy duty roughing and dynamic finishing. Producing a finished part incl. airfoil, root form and shroud.

Automatic tool length setting in Z direction for high precision twin spindle finishing machining.

Twin spindle machining of single blades from bar stock or forgings. Machining with high jerk in titanium, turbine steel and other special alloys used in aircraft engines and steam or gas turbines in the power generation industry.



259.806.132-EN

Technical data*	Turbomill 800 g	Turbomill 800 g Twin	Turbomill 1400 g	Turbomill 1400 g Twin
Blade length max. (incl. fixture)	800 mm (31.5")	800 mm (31.5")	1400 mm (55.1")	1400 mm (55.1")
Blade swing dia. max.	450 mm (17.7")	2 x 300 mm (11.8")	450 mm (17.7")	2 x 300 mm (11.8")
Spindle (S1)	1 x 16 000/19 000 rpm, 200 Nm, 28 kW	2 x 20 000 rpm, 120 Nm, 25 kW	1 x 16 000/19 000 rpm, 200 Nm, 28 kW	2 x 20 000 rpm, 120 Nm, 25 kW
Automation	Pallet changer, 6S part handling	Pallet changer, 6S part handling	Pallet changer, 6S part handling	Pallet changer, 6S part handling
Tool changer	32 or 60 positions	60 or 90 positions	32 or 60 positions	60 or 90 positions
Quality inspection	Work & tool measuring	Work & tool measuring	Work and tool measuring	Work and tool measuring
CAM	Liechti Turbosoft Plus	Liechti Turbosoft Plus	Liechti Turbosoft Plus	Liechti Turbosoft Plus

*subject to change

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