



Landis 18 Ω

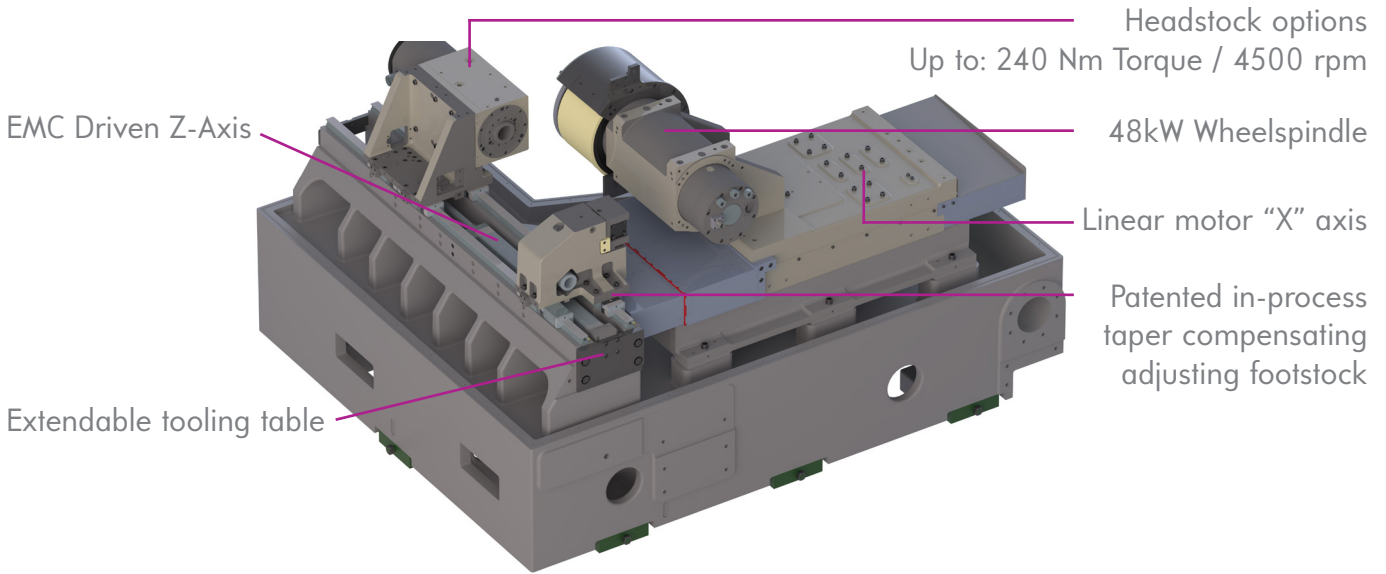
Cylindrical grinder for precision shafts including electric vehicle drive solutions



The Landis 18 Ω is a compact cylindrical grinder with high throughput, accuracy and component flexibility

- Compact footprint
- High-performance spindle with large wheel option range
- EMC driven Z-axis technology
- In-process taper compensation for ultra-high accuracy
- Fully integrated automation system options

Higher output with lower energy consumption



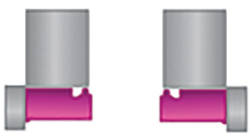
SPECIFICATIONS

	Landis 18Ω
Max. grinding diameter OD	380mm
Max. external grinding length	350mm (extendable to 900mm)
Grinding wheel types	CBN / Conventional
Min / Max wheel (diameter x length)	CBN - 350 (d) x 300mm (l) Conventional - 650 (d) x 150mm (l)
Center Height (from top of linear guideway)	205mm
X / Z axis travel	205 / 580 (1000 option) mm
Max. number of spindles	1 ¹
Max. wheel surface speed	125m/sec
Max. workhead speed	600 ² / 4500 / 300 ³ rpm ² with chuck / ³ with orbital component

¹ An additional internal grinding wheelspindle can be mounted simultaneously to main grinding wheel, subject to component dimensions and process requirements.

WHEELHEAD CONFIGURATIONS

Wheelhead spindle angled up to 32.5 ° left or right



Standard LH / RH Grinding Wheels



LH / RH Angle (Max. 32.5°) Grinding Wheels



External & Internal Grinding Wheels Wheelhead mounted



Internal Grinding Wheels Wheelhead mounted

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