



LandisFLEX

Traverse / plunge / contour grinding



The benchmark for sustainable productivity, precision and flexibility

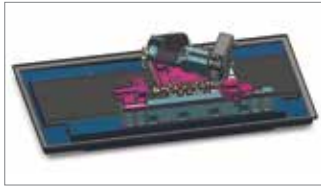
- Improved flexibility of manufacturing operations
- Minimized energy consumption
- Reduces total cost of ownership
- Maintains peak efficiencies
- Open-architecture control

Traverse / plunge / contour grinding

The LandisFLEX is designed for grinding shaft-type parts. Sustainable productivity, precision and flexibility in a package with a small carbon footprint.

FEATURES

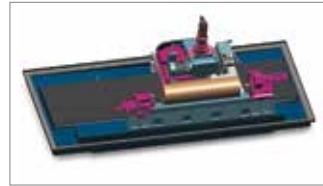
- Linear motors on all feed and traverse mechanisms
- Hydrostatic wheel spindles
- Meets micron level dimensional & geometric part tolerances
- Aluminumoxide, CBN, ceramic or diamond wheels
- Reduced power consumption
- Left or right hand headstock available
- Optional features include: polishing head, protomar gauge, gauging, probing, hydrostatic workheads & finisher attachment



30 degree plunge machine



Dedicated straight machine



Swivel machine



Twin wheel head machine

Model	LandisFLEX		
Grinding capacity	Straight	30° angle head	Swivel head
Max. component swing	400 (750) mm (15.8")	400 (750) mm (15.8")	400 (750) mm (15.8")
Max. grinding length	1,500 / 2,500 mm (59" / 98")		
Max. workpiece weight	1,350 kg (2,976 lb)	1,350 kg (2,976 lb)	1,350 kg (2,976 lb)
Wheelhead			
Max. number of wheels	1	1	3
Wheel type	Aluminum Oxide, CBN, Ceramic or Diamond		
Max. wheel Ø	760 mm (30")	760 mm (30")	600 mm (23.6")
Max. wheel width	100 (75) mm (3.9")	100 (75) mm (3.9")	100 (75) mm (3.9")
Wheel surface speed	45 (80) m/sec (148 ft/sec)	45 (80) m/sec (148 ft/sec)	45 (80) m/sec (148 ft/sec)
Spindle power	50 kW	50 kW	50 kW
Workhead & Footstock			
Workhead speed	300 rpm		
Footstock stroke	70 mm (2.8")		
Axes			
Guideways / bearings (linear axes)	Anti-friction bearing		
Grinding spindle	Hydrostatic		
Drive	Linear motors		
Dresser	Rotary diamond dresser standard		
Dimensions			
Dimensions (W x D x H)	5,092 x 4,142 x 3,103 mm / 6,292 x 4,198 x 3,126 mm (16.7' x 13.6' x 10.2' / 20.6' x 13.8' x 10.3')		
Machine weight	15,000 to 19,500 kg (dependent on length) (33,069 to 42,990 lb)		

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CONTACT US

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