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HIGH PRECISION MACHINES

GRINDING | ULTRA PRECISION

Landis LT1e

Shaft and orbital grinding

For the grinding of camshafts, crankshafts and transmission components

- Machine variant available for shaft lengths up to 1,200 mm
- Swiveling wheelhead options
- Linear motor technology

High performance processing of concentric and profiled workpieces

The compact machine design is ideal for high volume production of camshafts and multi diameter shaft-type components. The Landis LT1e series is also suitable for grinding of concentric diameters, eccentrics, profiles, tapers, chamfers and faces.

FEATURES

— Available for different length capacities
— Optional swiveling wheelhead with an infinitely variable hydrostatic
— Hydrostatic linear axes and wheel spindles

Model	Landis LT1e 500	Landis LT1e 1200
Grinding capacity		
Max. component swing	150 mm (5.9')	
Max. grinding length	500 mm (19.7")	1,200 mm (47.2")
Center height	220 mm (8.7")	
Max. workpiece weight	250 kg (551 lb)	
Wheelhead		
Wheel type	CBN	
Max. wheel Ø	350 mm (13.8")	
Max. wheel width	65 mm (2.6")	
Wheel surface speed	200 m/sec (656 ft/sec)	
Spindle power	40 kW	
Workhead & footstock		
Type	Live spindle	
Workhead speed range	0 - 600 rpm	
Workhead drive power	5.5 kW	
Max. workhead motor torque	230 Nm	
Type	Hydraulic operated	
Footstock stroke	50 / 80 / 160 mm (2" / 3.2" / 6.3")	
Axes		
Linear guide ways	Hydrostatic	
Grinding spindle	Hydrostatic	
Drive	Linear motor	
Dimensions		
Dimensions (W x D x H)	4,330 x 5,650 x 2,385 mm (14' x 18.5' x 7.8')	5,530 x 5,650 x 2,465 mm (18' x 18.5' x 8.2')
Machine weight	9,800 kg (21,605 lb)	12,000 kg (26,456 lb)

CONTACT US
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