



Landis LT2He

Crankshaft & camshaft grinding machine



Grinding of crankpins & journals on large crankshafts using single or twin wheelheads

- Capacity up to 1,400 mm twin wheelhead, up to 3,000 mm single wheelhead
- Linear motor technology
- CNC hydrostatic wheelhead feed

Crankshaft and camshaft grinding machines

The Landis LT2He models offer an extended component capacity. The machines are designed to grind crankpins and journals on large crankshafts, or lobes and journals on large camshafts, using single or twin wheelheads.

FEATURES

- Capacity up to 3,000 mm part length
- Linear motor technology
- Hydrostatic wheelhead feed & cross slides
- Hydrostatic wheel spindles
- Variable speed work drive
- Automatic in-process gauging
- Flexible table tooling with rack & pinion adjustment
- Patented grinding processes

Model	Landis LT2He Single Wheelhead *2 Spindle Swivel Optional	Landis LT2He Twin Wheelhead
Grinding capacity		
Max. component swing	550 mm (21.7")	550 mm (21.7")
Max. grinding length	3,000 mm (118")	1,400 mm (118")
Max. workpiece weight	500 kg (1,102 lb)	500 kg (1,102 lb)
Wheelhead		
Wheel type	CBN	
Max. wheel Ø	120 / 400 / 675 mm options (4.7" / 15.8" / 26.6")	675 mm (26.6")
Max. wheel width	80 mm (3")	80 mm (3")
Max. wheel surface speed	150 m/sec (492 ft/sec)	150 m/sec (492 ft/sec)
Max. spindle power	25 / 65 / 95 kW options	95 kW
B-axis swivel range	*Optional 230° infinitely	N/A
Workhead & footstock		
Max workhead speed	600 rpm	300 rpm
Workhead drive power	13 kW	20 kW
Max. workhead motor torque	160 Nm	280 Nm
Footstock stroke	160 mm (6.3")	160 mm (6.3")
Axes		
Linear guide ways	Hydrostatics	Hydrostatics
Grinding spindle	Hydrostatics	
Drive	Linear motors	
Dimensions		
Dimensions (W x D x H)	7,552 x 5,464 x 2,800 mm (24.8" x 18" x 9.2")	
Machine weight	26,000 kg (57,320 lbs)	29,000 kg (63,934 lb)

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CONTACT US

grinding-ultraprecision@fivesgroup.com

Bryant | Cincinnati | Cranfield Precision | Daisho | Gardner | Giustina | Landis

www.fivesgroup.com



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