



Landis LT2HHe

Crankshaft grinder for heavy industrial applications



Specifically designed for grinding crankpins and journals on crankshafts up to 4.5m in length

- Industry leading reliability
- Flexible process options
- Maximized through-put

Ultimate crankshaft grinding machine for heavy industrial

The Landis LT2HHe is the world's largest-capacity fully automatic, twin wheelhead CBN grinding machine. Designed around proven Landis technology utilizing linear motors and fully hydrostatic linear and rotary axes, the Landis LT2HHe brings the latest developments in high volume grinding processes to the heavy industrial sector.

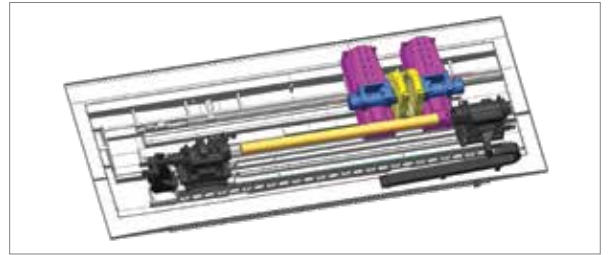
FEATURES

- Capacity up to 4,500 mm part length
- Linear motor technology
- Hydrostatic wheel head feed & cross slides
- Hydrostatic wheel spindles
- Hydrostatic workheads
- Variable speed work drive
- Automatic in-process gauging & centerline correction
- Flexible table tooling with rack & pinion adjustment
- Fully automatic taper control & adjustment
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Model	Landis LT2HHe Twin Wheelhead
Grinding capacity	
Max. component swing	600 mm (23.6")
Max. grinding length	4,500 mm (177.2")
Max. workpiece weight	4,500 kg (9,921 lb)
Wheelhead	
Wheel type	CBN
Max. wheel Ø	1,000 mm (39.3")
Max. wheel width	150 mm (5.9")
Max. wheel surface speed	120 m/sec (393.7 ft/sec)
Max. spindle power	124 kW
B-axis swivel range	± 3° for tapers
Workhead & footstock	
Max. workhead speed	50 rpm
Workhead drive power	65 kW
Max. workhead motor torque	1,250 Nm
Footstock stroke	150 mm (5.9")
Axes	
Linear guide ways	Hydrostatics / Linear rail
Grinding spindle	Hydrostatics
Drive	Linear motors
Dimensions	
Machine dimensions (W x D x H)	10,000 x 4,400 x 3,514 mm (32.8' x 14.4' x 11.5')
Machine weight	80,000 kg (176,370 lb)



Inside of Landis LT2HHe



Landis LT2HHe configuration



Large crankshaft grinding

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