



Landis DuoFlex

Dual workstation grinding machine



Capabilities and precision of two Landis LT2e machines in one package

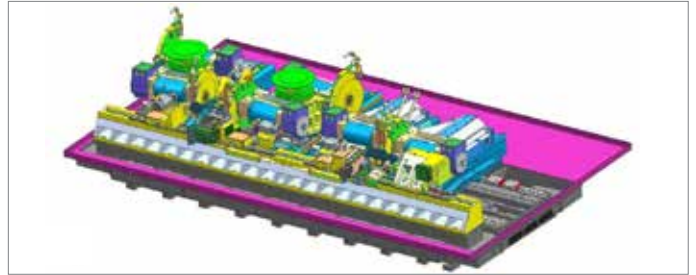
- Two (2) independent workstations
- Up to four (4) independent wheelheads with B axis options
- Highly configurable platform, utilizing tried & tested machine technologies

The benchmark for processing concentric & non-concentric workpieces

With its dual workstations, the Landis DuoFlex increases possibilities for concentric and non-concentric workpieces. All features can be ground in one machine: OD plunge, angle spindle plunge, axial 'bump' grind, orbital and other non-round shapes.

FEATURES

- Two (2) independent workstations
- Up to four (4) independent wheelheads with B axis options
- Highly configurable platform,
- Linear motors on all feed & traverse axes
- Hydrostatic wheel spindles & wheelfeeds
- High precision linear rail traverse axes
- Reduced power consumption & overall floor space



4 wheelhead version

Model	Landis DuoFlex
Grinding capacity	
Max. component swing	210 mm (8.3")
Max. grinding length	750 mm (29.5")
Max. workpiece weight	250 kg (551 lb)
Wheelhead	
Wheel type	CBN
Max. wheel Ø: main thrust & pin grinding	520 mm (20.5")
Max. wheel Ø: post & flange grinding	570 mm (22.4")
Max. wheel width: main thrust & pin grinding	30 mm / 40 mm / 60 mm (1.2" / 1.6" / 2.4")
Max. wheel width: post & flange grinding	30 mm - 90 mm (1.2" - 3.5")
Max. wheel surface speed	180 m/sec (590.6 ft/sec)
Max. spindle power	28 kW
Workhead & footstock	
Max workhead speed	300 rpm
Workhead drive power	13 kW
Max. workhead motor torque	250 Nm
Footstock stroke	160 mm (6.3")
Axes	
Linear guide ways	Precision linear rail / Hydrostatics
Grinding spindle	Hydrostatics
Drive	Linear motors
Dimensions	
Dimensions (W x D x H)	6,536 x 4,998 x 2,862 mm (21.4' x 16.4' x 9.4')
Machine weight	26,500 kg (58,423 lb)

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