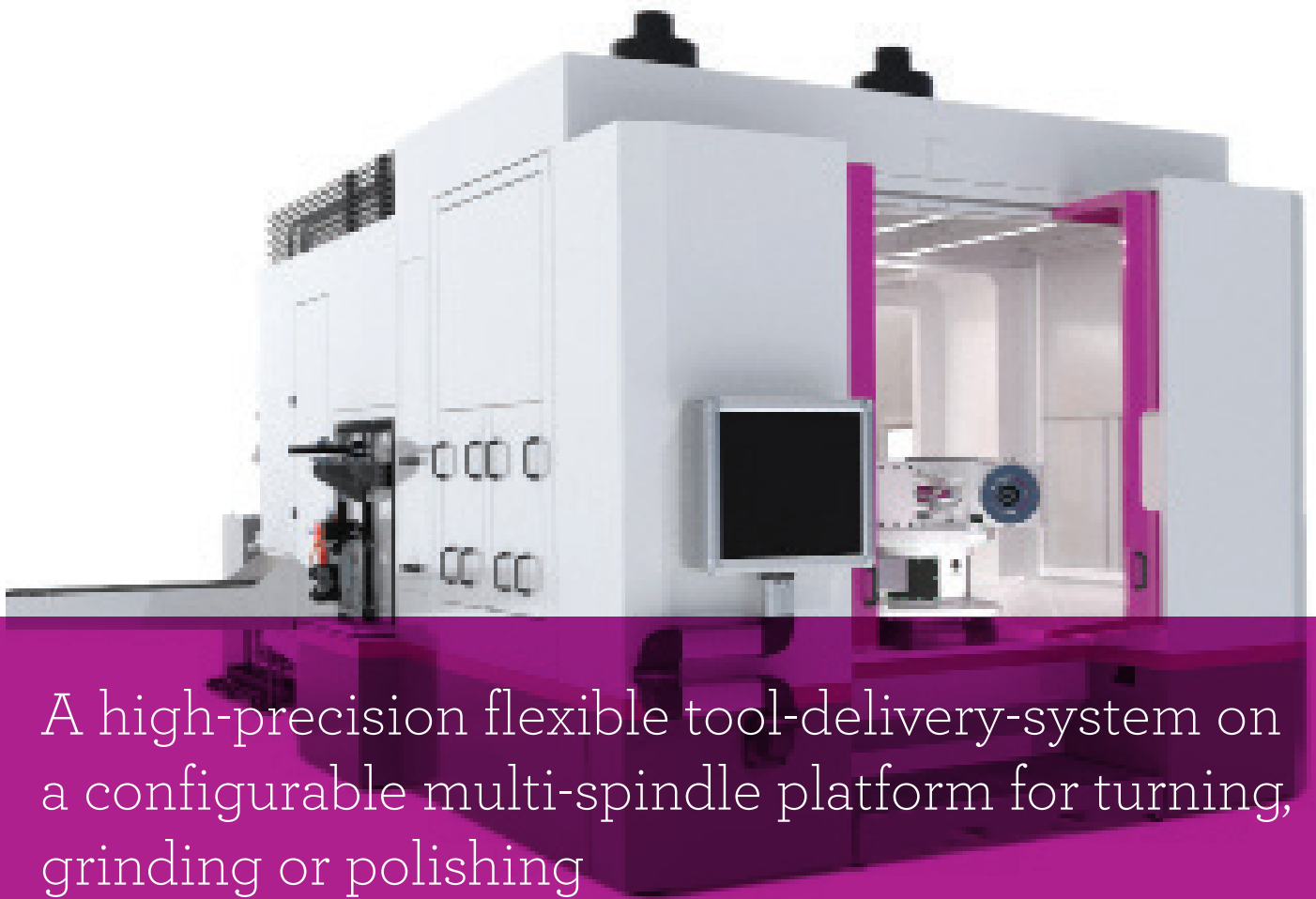




Landis TTG 3000

Twin Turret Grinder



A high-precision flexible tool-delivery-system on a configurable multi-spindle platform for turning, grinding or polishing

- Extraordinary thermal stability
- Exceptional stiffness
- Small batch runs of diverse product lines
- Combined grinding processes
- Flexible grinding process based on requirements

Twin-turret, multi-spindle grinding

The Landis TTG machine is a three-part solution to issues faced in the modern manufacturing process—flexible processing, flexible machine, flexible layouts. This machine allows for a highly flexible process in which multiple operations may be combined into one machining platform while maintaining or improving the accuracy and precision of a traditional single spindle machine.

The Landis TTG is a twin-turret, multi-spindle solution to grind ODs, IDs, faces, tapers, concentric and eccentric diameters to sub-micron tolerances in a single clamping.

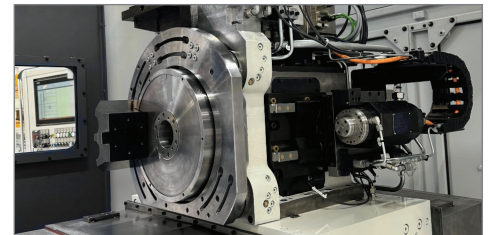
FEATURES

- High flexibility in workpiece grinding operations
- Various spindle configurations available
- Hard turning and polishing capabilities
- Reduced work piece changeover time
- Constant wheel surface speed
- Superior surface finishes
- Easy automation integration
- High performance control with open architecture

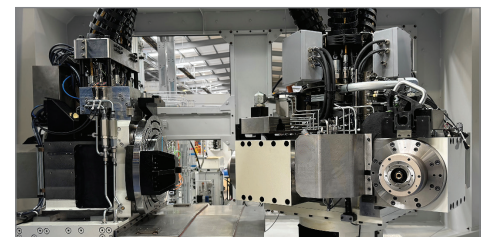
| Model | Landis TTG 3000 |
|--------------------------------|---|
| Grinding capacity | |
| Max. grinding diameter (OD) | 350 mm (13.8") |
| Max. external grinding length | 100 mm (3.9") |
| Max. internal grinding length | 100 mm (3.9") |
| Grinding spindle turret | |
| Swivel range | +/- 150° |
| Turret bearing | Hydrostatic |
| Turret motor torque | 1050 Nm |
| Max. number of spindles | 3 |
| Wheel type | Conventional / CBN / Diamond |
| Max. wheel \varnothing | 350 mm (9.8") |
| Wheel surface speed | 120 m/sec (394 ft/sec) |
| Max. ID spindle speed | 110,000 rpm |
| Workhead turret | |
| Swivel range | +/- 135° |
| Turret bearing | Hydrostatic |
| Turret motor torque | 1050 Nm |
| Workhead speed | 1 - 1,250 rpm (high speed option available) |
| Linear axis travel (infeed) | 350 mm (13.8") |
| Linear axis bearing | Hydrostatic |
| Linear axis drive | Linear Motor |
| Dimensions | |
| Machine dimensions (W X D x H) | 3,000 x 2,800 x 3,000 mm (9.8' x 9.2' x 9.8') |
| Machine weight | 10,000 kg (22,026 lb) |



Integral automation package



Headstock & face plate for tooling quick change



Bed, turrets, headstock and spindles

The information provided on this document is for information purposes only and does not constitute a legal obligation or a warranty, express or implied, of any kind.

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