



VFT-ORBIT-2E

ECONOMICALLY PRICED DIGITAL LENS GENERATOR



Fast milling process with 24,000 RPM.



Automated calibration integrated.



Orbital alignment of tool axes with robust work-piece spindle (B-axis).

VFT-ORBIT-2E

The VFT-orbit-2E is an economically priced lens generator based on the proven VFT-orbit-2 technology. The machine is capable of generating all lens formats including free form surfaces.

FEATURES + BENEFITS

- Available in a manual and an automated version.
- VFT fast tool ensuring surface accuracy and smoothness enabling “cut-to-polish” process.
- Semi automated working chamber door for fast manual operation.
- Power-save mode: air bearings automatically turn off when machine is idle, for up to 20%* energy savings.
- Easy access for service and maintenance.
- Extremely robust.
- Auto-calibration eliminates manual adjustments and saves time.
- Full compatibility with MES-360, Satisloh’s manufacturing execution system.
- Can be upgraded on site to the full VFT-orbit-2.

* Compared to VFT-orbit.

OPTIONS

- A second fast tool provides full flexibility to utilize a different turning tip for other materials or process applications.
- Integrated topography measurement for lens validation after surfacing.
- Mechanical engraving.
- Single track loading system and intelligent bypass loader upgrade.

TECHNICAL SPECIFICATIONS

Productivity	Up to 70 lenses/hour
Working Range	Concave: milling: -14.5 dpt, turning: up to -30 dpt Convex: milling and turning: +30 dpt
Lens Materials	All organic materials
Dimensions (wxdxh)	1771 x 1624 x 1736 mm 70 x 64 x 68 inches
Weight	2200 kg / 4850 lb



All technical data subject to change without notice. Verify details with Satisloh.

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