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FLASH-A NG

Digital Surfacing Machine

The FLASH-A NG is the most recent member of our FLASH series. Considerably increased speed of the workpiece spindle, combined with an optimized Fast-Tool and a new designed auto loader, leads to significant improvements in quality and quantity. The combination of an optimized ultrafast tool spindle and a high-performance controller make the FLASH-A NG one of the most efficient digital surfacing-turning machines on the market.

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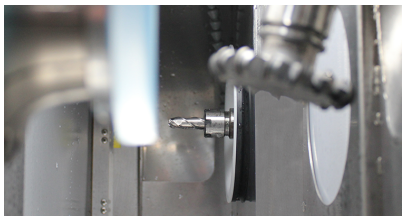
Données techniques

	FLASH-A NG
Lens Diameter	40 mm - 85 mm
Working Range Radius cv	Milling -15 dpt / Turning -30 dpt.
Working Range Radius cx	Milling and Turning +30 dpt.
Lens Material	All organic Materials
Productivity	50 lenses/h - 160 lenses/h
Workpiece Spindle	Drive: Direct driven with high precision ball bearing concept; Interface: Collet Chuck ø43 mm DIN 58766
Air Pressure Requirement	6 bar
Power Requirement (others on request)	8 kW / 400 V / 50 Hz
Dimensions	Width: 1735 mm, Height: 1740 mm, Depth: 1975 mm
Weight (approx.)	2750 kg



Highlights

- The new 4-axis machine FLASH-A NG is designed for the production of prescription lenses made of plastic
- A high dynamic drive concept combined with an ultrafast computer controller enable highest precision in freeform surfacing within shortest processing times
- For processing backsideprogressive, atoric, individual, front progressive and standard toric surfaces
- Integrated cribbing spindle for lenses with a very small diameter (option)
- Optimized automatic loading system for shortest loading/unloading
- Special machine base for highest precision
- Mass optimized Fast-Tool highspeed linear drive with highest dynamics

Performance Characteristics

- Cut to smooth: approx. 160 surfaces / hour
- Cut to polish: approx. up to 80 surfaces / hour (Spherical / torical or A-torical)
- Cut to polish: approx. up to 80 surfaces / hour (Freeform)

Options

- Cribbing spindle
- Coolant tank
- Coolant finest filter
- Barcode hand scanner
- Remote diagnosis
- LAN connection

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