



OptoTech

FLASH-A *Plus* Digital Surfacing-Turning Machine



The new FLASH-A *Plus* is an enhancement of our tried and tested FLASH series. Considerably increased speed of the tool spindle, combined with a high precision ball bearing, leads to significant improvements in quality and quantity. The combination of an ultrafast tool spindle and a high-performance controller make the FLASH-A *Plus* one of the most efficient digital surfacing-turning machines on the market.

Smart Solutions for Professionals



Type	FLASH-A Plus
Working Range Diameter	51-85 mm
Working Range Radius cx	milling and turning +30 dpt.
Working Range Radius cc	milling -15 dpt / turning -30 dpt.
Materials	CR39, Polycarbonate, Trivex, high index materials
Milling Tool	PCD Tools ø66mm R6.0 HSK
Turning Tool 1	PCD R5.5 mm
Turning Tool 2	Natural diamond tool R2.0 mm
Workpiece Spindles	Direct driven with high precision ball bearing concept. Workpiece reception: collet chuck ø43 mm DIN 58766
CNC-Controller	Beckhoff high resolution real-time continuous path control 15" touch screen with interactive user interface
Software	Microsoft Windows 7 and „Opto-Lab“ system
Air Pressure	Min. 6 bar
Power Supply	400V, 50 Hz (others on request)
Dimensions (WxDxH)	1700 x 1925 x 1922 mm
Weight	Approx. 1850 kg



- Cut to smooth: up to approx. 130 surfaces / hour
- Cut to polish: approx. 45-70 surfaces / hour (Spherical / torical or A-torical)
- Cut to polish: approx. 40-60 surfaces /hour (Freeform)
- Application area: Backside progressives; Atorical; Individual; Front progressive; Standard toric; Blended lenses

Accessories & Options:

- Cooling tank
- Barcode hand scanner
- Remote diagnostic
- LAN connection

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