



C-50

HIGH PRECISION CENTERING



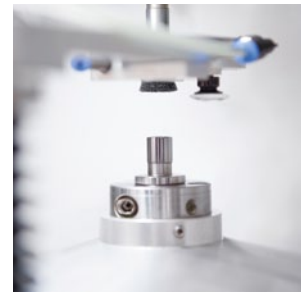
High precision centering for
Ø 1-50 mm



Processing of various geometries,
including non-circular lenses



Precise and fast: laser alignment
system



Automatic loading system HS-30

FEATURES + BENEFITS

Flexibility

- Modular, upgradeable machine design meeting your specific needs
- Processes various steps and contours all in one machine
- Different clamping and work piece fixing methods: Automatic or manual centering by bell clamping, ultra-precise collet chuck or 3 point clamping system for rod lenses or cemented lenses

Efficiency

- Processes various geometries with no tool exchange necessary
- 2 tool spindles mean faster processing and shorter cycle times
- Multi-chamfering capability saves time



Reliability

- Repeatable position accuracy of 1 µm guarantees highly precise and repeatable results
- Graphical simulation mode for high process safety
- Carbide centering bells for fast and precise lens alignment

Ease of use

- Easily accessible working chamber simplifies maintenance and cleaning
- Easy exchange of centering bells using hydro expansion chucks; grinding tools use ABS-system for shorter set-up times
- Extra shelf and drawer for storage
- Compact and stiff machine design

OPTIONS + ACCESSORIES

- Integrated automatic loading system HS-30
- Automatic center thickness compensation
- Laser alignment measuring system
- Form software for various workpiece shapes
- Coolant system (optional for oil or emulsion)
- Chiller system for coolant
- Sintered diamond tools, centering bells and consumables

TECHNICAL INFORMATION

Dimensions (w x d x h)	850 x 1030 x 1900 mm (33 x 41 x 75 in)
Working range	Diameter: Ø 1-50 mm, height: 0-25 mm

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