

ZM 200 CNC TwinCut

CNC-Controlled Centering Machine for Optics up to \varnothing 300 mm



Performance Data:

- Working Range \varnothing 10 to 300 mm (Depends on Centering Tool)
- Tool- \varnothing 120 to 200 mm
- Number of Axes: 6 (X1, Y1, X2, Y2, C, W)

Highlights:

- Centering and edging with CNC quality
- 2 tool spindles (TwinCut) with simultaneous processing for cycle time savings up 30-40%
- Bell clamping method with OptoTech Hydro-Soft centering for the most precise centering, even for small centering angles
- Centering of blocked lenses using the interchangeable arbor process
- Edging spindles are mounted in a torsion resistant cast iron "box-in-box" system that assures maximum accuracy
- Automatic program correction by measuring the center thickness
- Combined recess and correction cuts with individually adjustable feed rates and speeds of rotation allow even complex processing steps to be performed without having to change tools
- Simple tool changing due to the clamping system used. Tools comply with DIN standards
- Laser Centering Device for Transmission and Reflection for Lenses with a Small Clamping Angle; C-Axis Package for Processing Non-Rotationally Symmetric Lenses; Camera for Monitoring Pre-Profiled Workpieces while Loading; HD 40 Chuck for the Lower Spindle

Range of Application:

For centering cylinders, plano and form bevels, recesses, cribbing (with optional C-Axis package) and freeform edging