

mechatronics – made in switzerland

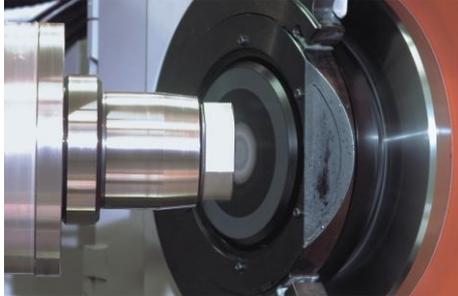
elaso 
the mechatronics
since 1967

Balancing Heads

To dynamically balance
rotating grinding wheels



Balancing heads



Elaso balancing heads are first class quality products to dynamically balance rotating grinding wheels. These balancing heads feature a sound and robust design, they function reliably, and guarantee a long life span. The balancing head is the crucial basic element of a dynamic balancing system.

Elaso offers two types of balancing heads:

- The external balancing heads are mounted to the grinding spindle end of your grinding machine. (May be used for almost all grinders.)
- The internal balancing heads are mounted into the grinding spindle of your machine. (Used for grinders with suitable spindle bores.)

Both balancing head types are available in varying sizes and with different balancing capacities. Wire-bound and no-contact collectors in various sizes transmit the power and control signals reliably to the rotating balancing heads. A large selection of electronic control units from Elaso is available to control the balancing heads.

The balancing heads are also available with integrated structure-borne noise sensors allowing to control the grinding process electronically.

To mount the balancing heads, machine specific adapter flanges are needed. We will be glad to suggest components for your particular grinding machine. Please fill in the questionnaire "Questions to select a balancing system".

Further advantages of Elaso balancing heads

- Eliminates the elaborate static balancing
- Optimizes the grinding result
- Safeguards the spindle bearings
- Increases grinding wheel life
- Reduces down time
- Records the balancing status
- Reliable and maintenance-free
- Long lasting
- Even after many years of operation Elaso components are repairable or may be replaced with newest generation products.

Components for a balancing system

- Balancing head in many sizes (external or internal)
- Machine specific adapter flanges
- Wire-bound or no-contact collectors
- Vibration transducer (with magnet or mounting flange)
- Cables to connect components
- Many balancing and structure-borne electronics