



Elektronic balancer

ezzFLOWsmart

Best Handling Technology recommends the use of **ezzFLOWsmart** when delicate products are handled, assembled or fitted. The **ezzFLOWsmart** is a state-of-the-art unit and complies with the high standards demanded for today's lifting equipment. The outstanding features of the **ezzFLOWsmart**, such as sensitive positioning, high lifting speed and ease of maintenance facilitated by its modular construction, provide an optimal basis for solving a wide variety of different handling tasks. The intuitive handling perfectly adapts to the user, allowing complete focus and concentration on the precision of the activity – physical effort is simply kept away.

Applications of **ezzFLOWsmart**:

- Provision of sensitive components and assembly of apparatuses
- Assembly of machines, vehicles and many other, usually difficult tasks

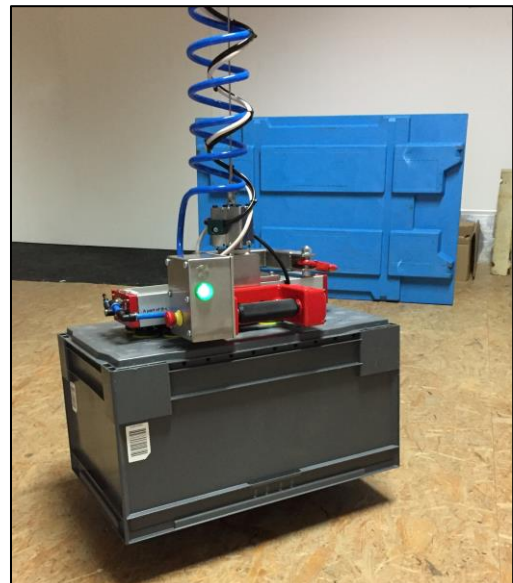
Load capacity: up to 1 t

Specifics:

- Adaptable to individual wishes + requirements
- Can be equipped with fast and easy-to-use mold change interface

The **ezzFLOWsmart**:

- Lifting and lowering movements are precisely controlled + compensated by operator via sensor ring
- Automatic mode: moving by lifting and pressing down → guiding the loadst
- Various programming possibilities allow integration into the production line control



Connection with 3 m extendable spiral cable

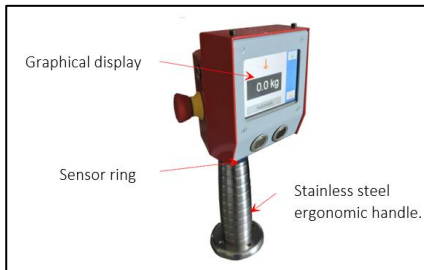
Possible application:

- Automotive, component, subassembly assembly
- Loading of machine tools
- Tool change
- Logistics
- Handling of sensitive components



Operating parts:

Balancer control unit



Intuitive operating handle with TFT display

Operation	Manual mode: by intuitive up or down pressure on the slide ring. Automatic mode: by light downward pressure, the load lowers. Light upward pressure raises the load. Pushbutton for manual/automatic switchover and, if necessary, for additional functions (e.g. gripping/releasing).
Setup	The function of the balancer is based on the strain gauge measurement of the load. Therefore, the actuation is always in the force flow. The operating elements can be placed in an ergonomically optimal position.
Configuration	Numerous functions can be freely configured: Access to display, password protected, lifting speed, load thresholds, operating force, and much more.
Benefit	The balancer control provides floating load detection and protection against unintentional release without additional effort.

Control unit up/down



Stroke movement simple and efficient by turning the handle, regulate especially precisely

Operation	Stepless rotating handle, angle of rotation 160° , Provides proportional signal to lift controller.
Setup	The actuator can be mounted in the power flow (with ball bearing load swivel) or in an ergonomically optimal position.
Options	Additional load threshold switch to protect against unintentional release of the load.

