KNIGHT PNEUMATIC BALANCERS

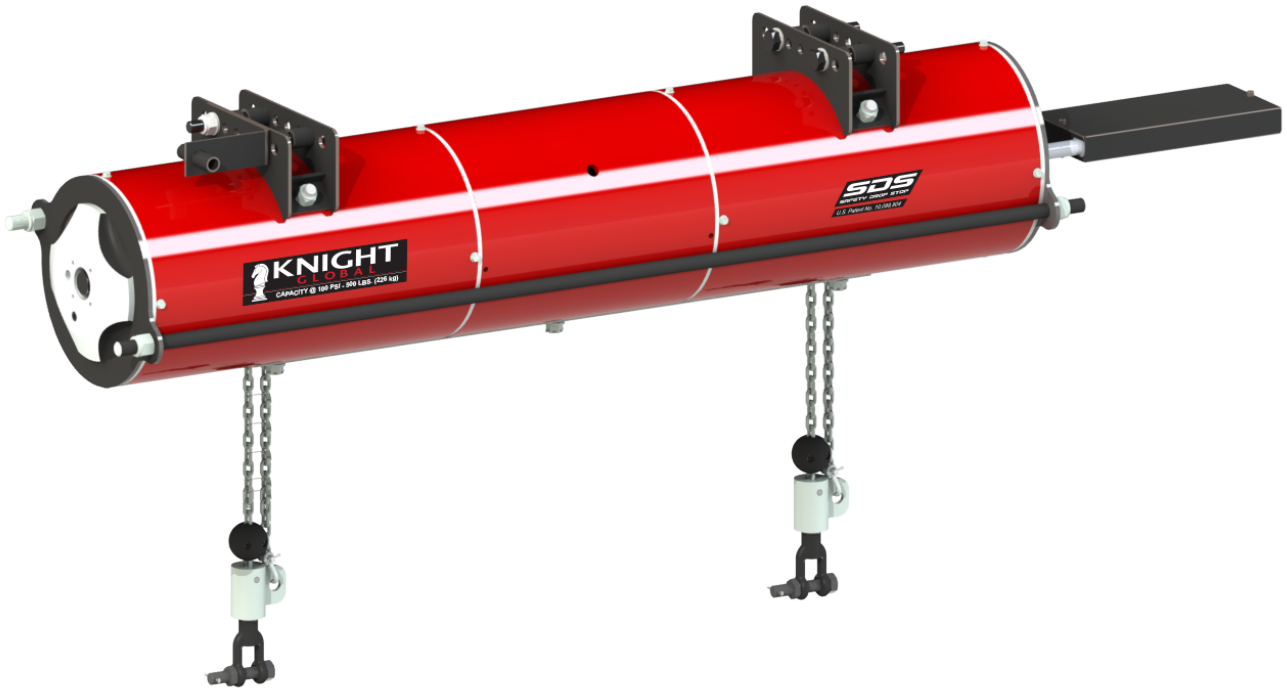


Knight Global pneumatic balancers allow precise and safe load handling in industrial environments. A wide model range and versatile control options ensure optimum ergonomics and efficiency.


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PRODUCT DESCRIPTION

Pneumatic balancers are ergonomic industrial lifting devices that use compressed air to lift and lower loads. They let the user control the load precisely and safely, improving ergonomics and reducing physical strain. Pneumatic balancers made by Knight Global in particular are known for their quality and versatile features.

How pneumatic balancers work and their benefits

Pneumatic balancers work with compressed air, which lets the load "float" – it can be moved precisely and lightly without mechanical resistance. This makes them ideal for tasks that need repeated, precise load handling, such as on assembly lines or in warehouses. The user can control the movement with push buttons or an ergonomic handle that responds to hand movements, allowing loads of up to 300 kg to be moved with little effort.

Knight Global model series and features

Knight Global offers a wide range of pneumatic balancers for different purposes:

- **KBA series (cable)**: Suits lighter loads and offers a longer stroke.

- **KBC series (chain)**: Designed for heavier loads and high duty cycles.
- **KBCS SDS series**: Model with a safety chain that prevents the load from falling.
- **EX models**: Fitted with an external return control that regulates lifting speed.
- **LS models**: Include limit switches that allow the load to be stopped at predefined points.

All models are CE-approved and designed for use with clean, dry, non-lubricated compressed air.

Technical data of the basic models

The table below shows the technical specifications of the basic KBA series models:

Model	Load (kg)	Travel (mm)	Weight (kg)
KBA100-028	45	711	16
KBA150-076	68	1930	22
KBA225-073	102	1854	28
KBA225-110	102	2794	40
KBA350-073	159	1854	34
KBA500-080	227	2032	51
KBA700-054	318	1372	41

This data helps you choose the right model for your needs.

Applications and control options

Pneumatic balancers are widely used in many industries, such as automotive, electronics and logistics. They are especially suited to tasks that need precise, repeated load handling. Control options include:

- **Push-button control**
- **Handle control**
- **Spring-operated manipulator control**
- **Limit switches and external return control**

These options allow the balancer's operation to be tailored precisely to the application.

Knight Global pneumatic balancers offer an efficient and ergonomic load handling solution. A wide model range and versatile control options allow the balancers to be used in many applications. More information and technical details are available on the manufacturer's website or .

Link to the manufacturer's website:
https://knightglobal.com/products/pneumatic-balancers/