

The art of  
moving  
weight-less



# Balancebox





# Feather light movement

The Balancebox is a system that neutralises gravity for vertical moving applications attached to it. A robust linear bearing and a patented spring system make for example furniture pieces weightless and very easy to move. The Balancebox offers the possibility to move heavy weights in a feather light way.



## Function

The Balancebox offers the possibility to move applications weightless. Added value is offered by the effortless, fast and user friendly movement of your products. Besides these benefits, the system offers a lot more advantages:

- *Ergonomics*  
Objects are reachable without physical effort.
- *Storage and Multifunctional use of space*  
New possibilities for storage which gives the opportunity to use scarce space in multiple ways by storing away products in otherwise unreachable places.
- *Reliable and Safe system*  
The system is designed in such a way that it can only be used safely. Additionally, the robust design guarantees a long life.

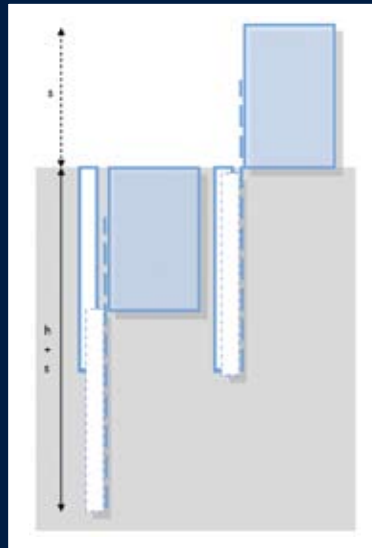
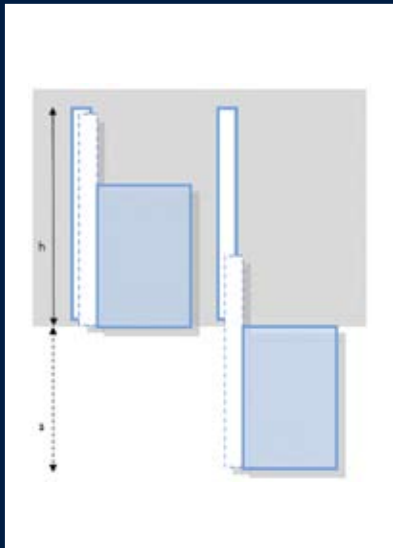
- *Design and Luxury*

Not only the unique experience of the intuitive and weightless movement gives the user a feeling of luxury, the design will strengthen this emotion as well.

## Applications

The Balancebox suits different markets, such as the health care market, the furniture market, the kitchen market, the interior market etc. Besides these different markets, the Balancebox can also be applied in industrial applications. See the examples in this leaflet for a general impression.





## Balancebox 400

### Specifications

Extension (s)	400 mm
Height (h)	600 mm
Elongated (h+s)	1000 mm
Width	558 mm
Depth	70 mm

### Weight range spring set

Set A	min. 20 kg	max. 44 kg
Set B	min. 24 kg	max. 52 kg
Set C	min. 28 kg	max. 61 kg



## General

The Balancebox consists of a robust linear bearing system, combined with a patented system of springs and tracks.

## Range

The Balancebox 400 measures: 558 x 600 x 70 mm (W x H x D) and has an extension of 400 mm. The weight that can be balanced depends on the different spring sets (see graph/table above). Every weight between the minimum and maximum value of the chosen spring set can be balanced.

## Three different standard executions

**BBB:** The Balancebox for fixed weights (any weight between min and max) that can be freely positioned.

**BBL:** The Balancebox with lock for fixed weights (any weight between min and max), fitted with a brake function to stop and hold the movement at every position of the extension.

**BBE:** The Balancebox equipped with an electronical system that automatically adjusts for every weight change between the min and max ranges of the chosen springset. The weight is always balanced. The BBE can be fitted with a remote control or auto return function, which brings the application back to the original position.

## Simple mounting and adjusting

The Balancebox consists of two frames: a wall frame and an application frame which are both designed for easy mounting. After the application is fixed to the Balancebox, the weight can be adjusted by adapting the extension of the outer springs. For the BBB and BBL weight can be manually adjusted between the min and max force given by the chosen springset. The BBE will automatically adjust the weight.

## Covers

The Balancebox is available with and without a stainless steel design cover.



## Thomas Regout International B.V. is...

...a well-known manufacturer of telescopic ball bearing slides and systems. The company is founded in 1834 and located in Maastricht in the Netherlands. We are an experienced and innovative partner for telescopic slides in a whole range of different markets worldwide. A well-known company that provides the customer with professional and customized solutions, but can also deliver from a wide range of stock items. Co-design, innovation, time to market, service, and achieving high quality are our priorities.

Please contact us for more information or visit our website to see our products and their possibilities.



Thomas Regout International B.V.  
Industrieweg 40, 6219 NR Maastricht  
The Netherlands  
T +31 (0) 43 351 66 66  
F +31 (0) 43 351 66 99

[www.thomasregout.nl](http://www.thomasregout.nl)

The information in this leaflet can be subject to changes.