

# Safety Master:

## Safety redefined

### **The new standard in safety**

Our brand new Safety Master is engineered with safety in mind. The device is an automatic safety system which ensures the safety of both users and stored items on all Bruynzeel's electronically driven high density storage systems.

The Safety Master, which is integrated on the right side of every front panel, can detect persons and objects in an open aisle.

It prevents any movement of the storage system if a person or object is detected in the aisle.

We believe this is an essential safety feature for all electronically driven high density storage systems. Therefore we added the Safety Master to our default set of safety features on our Compactus® Dynamic II series. It can also be integrated into our Compactus® Double Decker XTR storage solution.



## How does it work?

When someone wants to close an aisle, the Safety Master compares an image of an empty aisle with the current situation. If the image is the same as the present situation, the aisle closes. If the image isn't the same, you will have to check the aisle and verify that the aisle is clear by pressing the 'Eye icon' on the user interface on both sides of the open aisle.

The Safety Master prevents any movement if a person or object, larger than 0,03m<sup>2</sup>, is detected in an open aisle. It also protects objects in an aisle which are not detected by photocells. For example, when a paper-like object is on the floor.

Long systems, that can be accessed from both the front and the back, need to have at least two Safety Masters per aisle. The entry detection will work from both entrances of the aisle.



## Entry detection

With sensor technology, the entry detection will detect if someone is entering an aisle while the storage system is closing. The storage system will stop the movement and revert to visual safety procedure. Which means you have to manually confirm on the user interface that the aisle is clear.

### **Activates LED lightning**

The Safety Master can activate the LED lighting in the storage system. This feature will only switch on the light where it's needed for a programmable period of time. The light will automatically switch on when a person enters an open aisle and remains on as long as presence of a person or object is detected in an aisle. When someone exits the aisle, the lights will turn off automatically after the programmed time has expired.



To view a video of the functionality of the Safety Master, scan the QR code

### **GDPR compliant**

Our Safety Master is GDPR compliant. The Safety Master only stores one image of an empty aisle. When an aisle closes, the current situation is compared to the empty aisle image.

The processing of the images takes place inside the Safety Master. The images can't be downloaded or accessed by anyone. The only outgoing signal the Safety Master gives is whether the aisle is empty or not.

The Safety Master can't establish a link between the image taken and the user information, like name or password of the person who entered the aisle.



**CREATING SPACE** for a healthy planet

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