

# A\_L\_S\_ BOS Box Opener

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## BOS for Outgoing Goods

The BOS Automatic Box Opening System can randomly process up to 600 pieces an hour to optimize them for shipping.



### Original Design

The BOS system was developed to quickly open large quantities of cartons / packages – up to 600 cartons per hour. For this purpose, it can open boxes in four different ways: a **Complete Cut**, **Partial Cut**, **Hinge Cut**, and a **Tape Cut**. Now, this system can be implemented into your outgoing goods processes as well.

### Cut Types

The **Complete Cut** – known as the **Height Cut** for outgoing goods – and the **Vertical Cut** are able to cut cartons to the desirable size for packing and sealing your goods. With this system, you are able to optimize box volume and space for shipping. And it does so using the same blade heads used for the receiving lines.



### Application

The picked boxes are transported to the BOS cutting station where they are cut as desired:

A **Complete Cut** is made all the way around the boxes, safely above the desired fill-line.

With the **Vertical Cut**, vertical incisions are made at all four corners to the desired height.

Again, this is performed at a level safely above the fill-line for the goods.

The boxes are transported out of the BOS system to be sealed at another stage in the chain.

**IMPORTANT:** As the BOS system individually measures every carton, it is able to process even the most chaotic stream of incoming cartons. The standardized conveyor system also ensures that the BOS system can be easily integrated into existing transport lines, including packaging machines, palletizers, robots, etc.

### Use

By optimizing box sizes before they go out, your company will be able to reduce the amount of necessary freight space, allowing for considerable reductions in transport costs.



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