

A_L_S_ WIM Window Cut

WIM – for picking

The WIM Window Cut automatic box opener cuts a window into the side of your box for the goods to later be picked. The window can also be perforated, should the window need to be removed later by hand (without tools).



Even with the most chaotic of receiving lines, the WIN system can process up to 500 boxes / hour. This means it can outperform a manual laborer 5:1.

Work safety

In comparison to manual laborers, machines do not require breaks and do not exhaust after long hours of work. They are also not susceptible to injury or illness and require no vacations or sick leave. The danger of damaging goods by cutting too deeply is also eliminated.

Process

The cartons are randomly transported into the WIM system via conveyor. The cartons are then clamped and measured (L x W x H). A vacuum attachment positions itself at the center of the carton's side wall. The carton is then tilted back to alleviate any pressure on the carton wall, and the vacuum attaches itself to the carton, further reducing interior pressure. Finally, a round blade begins to cut or perforate the window to the pre-defined size and cutting depth.

After the window has been **cut**, it is removed by the vacuum attachment. Should the window be **perforated** rather than cut, it can be removed by hand (without any tools) at a later point. The carton is then tipped back to a vertical position and transported out of the system. Should a carton not be suitable for a Window Cut, it will be identified beforehand and diverted.



Box sizes

The WIM can randomly process boxes from 200 x 200 x 200 mm to 600 x 600 x 400 mm.

Integration

By using standardized conveyor systems, WIM can be built into any existing supply line.

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