

Board Handling System – BHS

Digital cutting has never been more productive



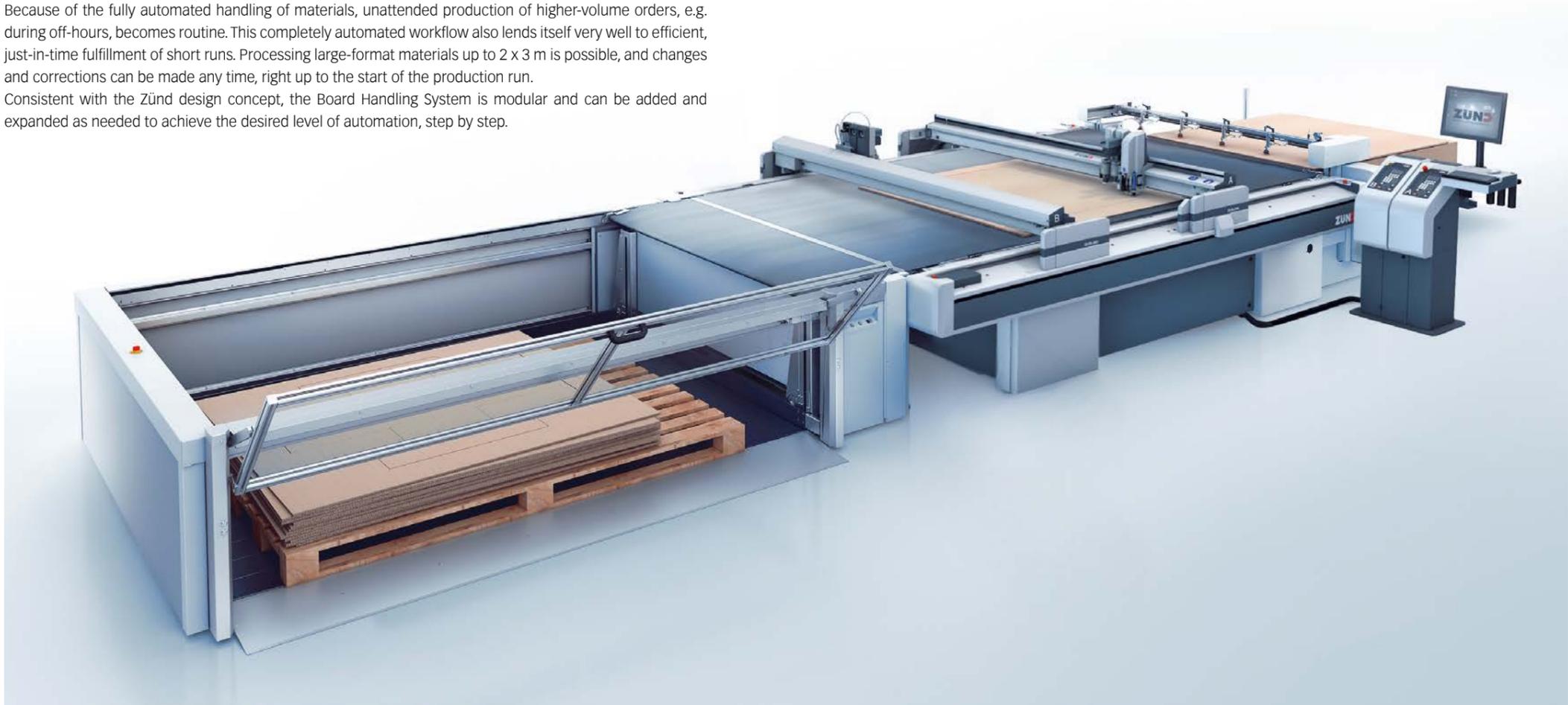
Your first choice in digital cutting.

Increase your production capacity with minimal personnel requirements

Using a Zünd cutter with Board Handling System for producing displays, signage, and packaging means taking advantage of automation at the highest level. With automatic board loading and unloading, labor requirements are held to a minimum and are basically limited to the delivery and removal of stacked materials – before and after cutting.

Because of the fully automated handling of materials, unattended production of higher-volume orders, e.g. during off-hours, becomes routine. This completely automated workflow also lends itself very well to efficient, just-in-time fulfillment of short runs. Processing large-format materials up to 2 x 3 m is possible, and changes and corrections can be made any time, right up to the start of the production run.

Consistent with the Zünd design concept, the Board Handling System is modular and can be added and expanded as needed to achieve the desired level of automation, step by step.



Board feeder

Different settings guarantee reliable board separation. A prepositioning system ensures that every board is accurately placed on the cutting surface.



Ease of use

The procedures involved in operating automatic board loading/unloading are quite simple and limited to a few basic controls. They require no specific knowledge and are easy for any operator to master.



Board stacker

The finished stack of cut sheets/boards is removed quickly and efficiently with a pallet jack and requires no interruptions in the cutting process.



No bridges required

The unique transport system of the BHS allows for reliable stacking of cut boards without the need for bridges to hold pieces in place. This makes separating cut pieces from waste considerably easier.



Integrated tool initialization

Quick, precise, time-saving: the setting of knives, routers, and creasing wheels takes place via the fully automatic initialization system. Manual adjustment work to determine the cutting depth is no longer necessary.



Ergonomics

All components involved in manual loading/unloading are easily accessible at any time. The operator controls the cutting system from an ergonomically designed central workstation.



It's simple: A cutter that grows with your business

Always ahead of the game – thanks to a modular system

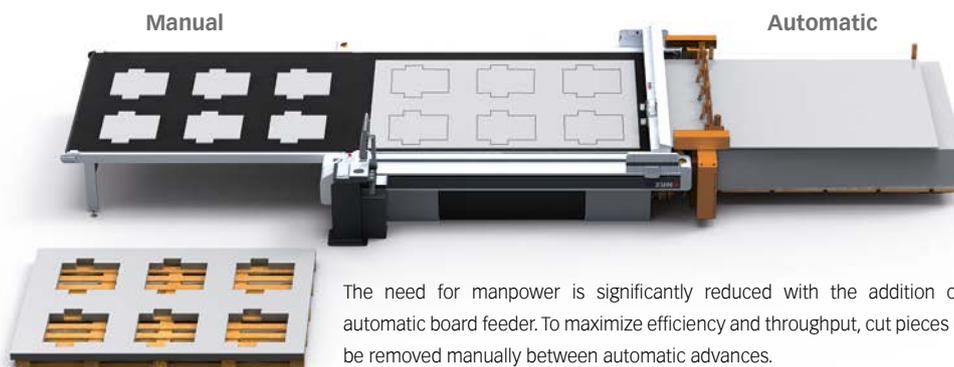
New trends and ever-changing customer demands are defining the market. In such a fast-paced environment, the modularity of the Zünd cutter helps keep you in the game. It provides you with a system that will grow right along with your needs, whether you want to upgrade to new cutting technologies or increase productivity with additional automation. Shown below are just a few examples of possible configurations.

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PERSONNEL

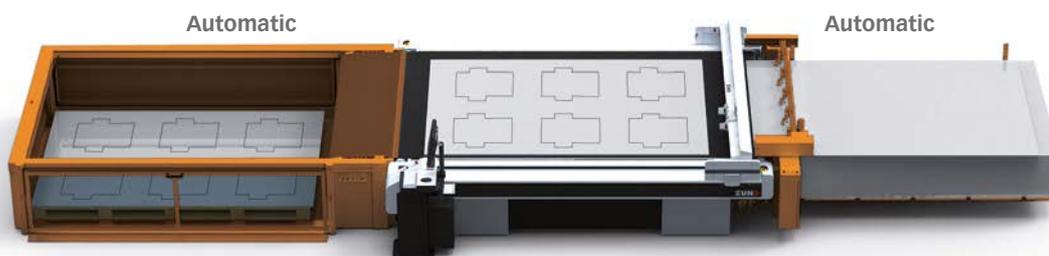


The simplest way to achieve productivity increases is through semi-automatic board loading. A mechanical positioning device ensures efficient, precise material advances.



The need for manpower is significantly reduced with the addition of an automatic board feeder. To maximize efficiency and throughput, cut pieces must be removed manually between automatic advances.

EFFICIENCY



Automatic board loading/unloading constitutes the highest level of automation. Operator involvement is limited to setting up the cutting system.

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