

# COMPANY NEWS

## Baumann-Wohlenberg Cutting quality and performance

At the end of the day, a cutter is just a big knife and during the last 20 years hardly any improvement has been made regarding the accuracy and speed of the cutter. The most time consuming element of the cutting process is the work done by the operator for moving and positioning the reams, loading and unloading the cutter as well as starting and supervising the cutting process. Therefore, it is important to have a close look at the peripheral equipment of the cutter. One important machine within the cutting line is the unloader that restacks the cuts onto a pallet. The choice of an unloader which matches the cutting system is crucial for an ergonomic and efficient unloading process. Baumann-Wohlenberg offers a broad variety of unloaders.



A further step are unloaders which carry out most of the tasks automatically. The operator merely has to transfer the cut pieces onto the table of the unloader. He then starts the restacking process by the push of a button. During the automatic restacking process, the operator is free to cut the next ream.



A basic solution: A BSH pile host equipped with an angular board to help the operator getting a well-aligned stack. Thanks to a light-barrier, the pile hoist keeps the top of the pile always at an ergonomic working height.



The next step is a semi-automatic unloader. The operator manually transfers the cut pieces via the cutter's side table onto a table of the unloader, aligning them manually. He then moves the table manually over the pile (or the pallet). The unloader moves downwards automatically and stops very close to the top of the pile. The operator then transfers the unloader table back into the initial position. There is no need for the operator to lift up the paper.



The highest level of automation is reached with a multiple unloader which is able to restack up to 4 piles onto up to 4 different pallets automatically, both large-format single cuts and divided or multiple cuts, and can also be used for strips or labels in label production. It can take up the products at different places and restack them at one or several pallet places.