

# COMPANY NEWS

## BaumannWohlenberg

### Cutting system with intelligent logistics

There is a wide range of modern cutting solutions from different manufacturers featuring a variety of automation levels for the manifold fields of application in printing houses, bookbinding companies, print finishing companies and papermaking companies.

BaumannWohlenberg now offers a highly efficient system which ensures minimum auxiliary process time and maximum productivity of the cutting system especially for printing houses producing many short runs and mostly more than 4 multiple ups on the sheet.

Two cutting systems (each one consisting of a high-speed cutter with automatic chip removal and an unloader) are installed in mirror-imaged positions at a distance of a few meters. In order to achieve that the two operators of the cutting systems perform their cutting tasks without any auxiliary process times and can concentrate fully on the cutting process, they are continuously provided with jogged reams from a centrally positioned jogging station.

The idea that two cutting systems get reams that are ready for cutting from a centrally positioned jogging station is not

new. In this case, however, the centrally positioned jogging station features a logistic system that is directly linked with two high-speed cutters. Therefore, the transportation problem of the pre-jogged reams within the company is solved.

At the centrally positioned jogging station (equipped with a pile lift, a jogging machine and a BMR Baumann multi-ream rack), one operator prepares all reams for the two cutting systems. As soon as one ream is jogged, it is buffered in the BMR. The BMR can be equipped with 10-20 buffer places according to the customer's wishes and thus offer storage buffer for several orders on a minimum of space.

The individual orders are then transported to the next free cutting machine in the order the reams have been fed. Transportation is fully automatic via belt tables and gripper systems. For long runs, an order can be distributed to both cutting machines.

BaumannWohlenberg has offered a multi-ream rack for some years now. In the latest generation, the company has succeeded in eliminating the "bottleneck" since the BMR is now fed on one side and unloaded on the other side. Therefore, these two

processing steps cannot impede each other any longer and do not cause unproductive waiting times.

The system is a solution for all printing houses handling gang forms with a large number of different cuts for different orders. Different jogging and cutting times are no longer a problem.



The BMR multi-ream rack is available as a buffer for 10 to 20 reams.