

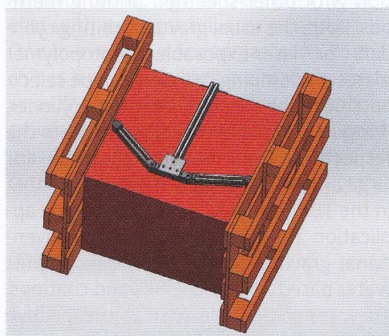
The sheet must turn (properly)

It's no secret: Turning paper, carton and similar materials is time-consuming and strenuous and, as a result, cost and labour intensive. BaumannWohlenberg has been offering pile turners which enable to design this task ergonomically and cost-favourably for 25 years now.

To mark this jubilee, the company has revised and modernized the existing range of different pile turners over the last few months in order to be able to offer optimal machines for all format ranges. Now, sheet sizes from 50 x 70 cm to 155 x 205 cm and pile weights from 500 kg to 2400 kg can be turned ergonomically.

The machines are divided into three classes: "Basic", "Advanced" and "High End". The "Basic Pile Turners" class comprises simple pile turners with a touch control panel. Motor-driven support of the turning movement is available as an option.

The "Advanced" quality class includes all universal pile turners of BaumannWohlenberg. They are equipped with a large



The pallet clamping device.

touch control panel and motor-assisted, fully automated turning. The aeration equipment enables to accelerate the drying process, to separate the sheets from each other or to remove waste sheets. At the same time, most of the printing powder used is blown out. The alignment and vibration equipment enables to align the piles precisely. Of course, the alignment

process is supported by aeration and vibration. The "High End" class offers pile turners for non-stop pallets. A pallet clamp as well as automated centred alignment of the pile come as standard with the machines. These pile turners can perform a wide variety of tasks, ranging from simple pile turning (piles from thin to very thick substrates) to edge-alignment and centre-alignment of the pile and the exchange of transport and system pallets.

Besides the division into these new device classes, BaumannWohlenberg has introduced numerous technical novelties for the pile turners. New blowing technology: In the latest generation of the BaumannWohlenberg pile turners, only high pressure fans instead of side channel blowers are used. They supply twice the amount of air with the same energy consumption. In addition, the air is compressed less strongly and, therefore, is considerably cooler. Speed-controlled hydraulic system: The new hydraulic control ensures "soft" ac-