

BSW | 3-1200 LDV (H) | 7-2000 LDV

Fully automatic pile turner with aeration
and alignment stop



Effortless turning of paper and cardboard - easy to use.

- Ergonomic working
- Robust and durable design
- Versatile installation

The manual turning of paper, cardboard or other, similar materials are a backbreaking and time-consuming and thus expensive process. Besides ergonomic excellence, the baumannperfecta pile turner offers the opportunity to save time and reduce costs.

Technical Data

		Format 3 LDV (H**)	Format 7 LDV
Min. sheet format	[mm]	500 x 650	700 x 1000
Max. sheet format	[mm]	800 x 1200	1250 x 1650
Max. pile weight	[kg]	1200	2000
Min. opening width of platforms	[mm]	790	800
Max. opening width of platforms	[mm]	2010	2020

The indicated values may vary depending on equipment/additional options.

**high pile

Operation

- Swivel-mounted operating panel
- Motorized turning
- Pneumatically extendable alignment stop
- Infinitely adjustable vibration intensity
- Infinitely adjustable aeration intensity
- Hydraulic closing of the platform by control lever
- Hydraulic clamping of the pile by control lever

Safety equipment

- Safety fence
- Safety-light barriers

(The safety equipment depends on the machine size, must be booked separately and is not included in the basic machine price.)

Quality features

- Robust construction
- Turning time approx. 60 s

Functional principle

Easy to operate. Maximum comfort. Versatile.

Pile turner for the stationary application for the fully automatic turning of paper and cardboard, with aeration, vibration and alignment stop. After the pile has been placed on the platform, the platforms are closed hydraulically. The closing movement is stopped automatically when the upper platform comes to rest on top of the pile. The hydraulic tilting is activated by pressing the respective button and can be done either in horizontal or in tilted position (time saving). Optimum aeration is guaranteed by extensive air-nozzles, with infinitely adjustable aeration time; for smaller formats it is possible to close the exterior air nozzles.

For the aeration of the material, the platforms are slightly opened, the opening width being adapted to the processed material. For this, a precision hoist is available to grant a precise positioning of the platforms. The aeration process can be stopped at any time in order to remove sheets. The machine is equipped with one high-efficient 4-kW fan. While the aeration takes place in horizontal position, the pile is turned by 90° and tilted forwards for alignment. The inclined position can be variably adapted to the material. The alignment process is supported by aeration and vibration – both processes being infinitely adjustable. The alignment stop is always positioned at the outer edge and thus prevents the sheets from slipping out of position during aeration. The alignment stop is extended automatically; the sheet format adjustment is carried out manually. The machine has a total of 9 programs that can be selected as required; thus, it is possible to operate the machine in semi or fully automatic mode. While the program is running, all released parameters can be optimized.

The machine is equipped with operator guidance (via clear text display) and diagnostic mode.

The machine, which needs compressed air supply, is doweled on the floor and secured by means of a safety fence and safety light barriers.

An optimal aeration and alignment result depend on the inherent stability of the product. Critical materials can be tested at any time!

Options

Description	BSW 3 LDV (H)	BSW 7 LDV
Additional operating panel	X	X
Disconnection of platform clamping (closing) by 2 safety light barriers (pressure limit)	X	X
Simple pallet clamping for one-way pallets	X	X
Surrounding working platform	X	X
Sheet down holding device	X	X
Ionization device	X	X
Service module for online maintenance access	X	X

X = available | - = not available

03/2025 | Subject to technical modification | Pictures may contain additional options.