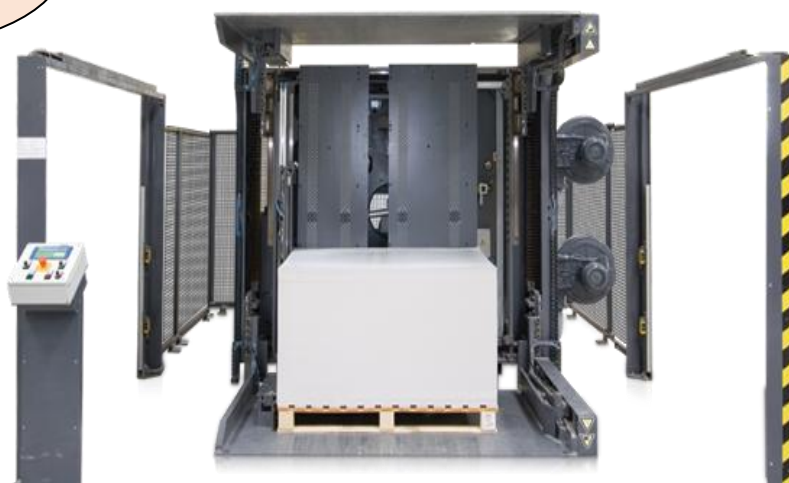


BSW 7-2000 AUP

Fully automatic pile turner for nonstop equipments

With aeration,
vibration and
alignment stop



we
solve
it

Effortless turning of paper and cardboard for the needs of nonstop equipments

- Ergonomic working
- Robust & durable design
- Easy operation
- For free-standing applications
- Operator guidance via touch panel

The AUP pile turner has been designed specifically for the needs of non-stop automatic sheet-fed printing and stamping machines. The main application area of the AUP pile turner is the industrial packing industry. All operations take place automatically and are controlled via the program. Upgradable to an inline solution, the pile turner can be integrated into a logistics system.

Technical Data

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Min. sheet format (mm)	500 x 920
Max. sheet format (mm)	1210 x 1640
Max. pile weight (kg)	2000
Inner platform dimensions (mm)	1690 x 1285
Min. platform opening width (mm)	730
Max. platform opening width (mm)	2020

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

Operation

- Pile turner for the fully automatic turning of paper and cardboard
- Vibration device
- Spreadable alignment stop, automatically controlled via program
- Motor, frequency controlled turning
- Clamping device for system pallets
- Automatic pile centering on system pallet
- 2 high-efficient 5,5 kW fans

Safety

- Safety fence
- Three safety light barriers

Functional principle

Easy to operate. Maximum comfort. Versatile

The pile is introduced and deposited inside the machine either as package, consisting of wooden and system pallet, or as finished stack on top of the system pallet. After the pile has been placed on the platform, the platforms are closed hydraulically – controlled via the program.

The closing movement is stopped automatically when the upper platform comes to rest on top of the pile. The hydraulic tilting is activated also via the program 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 two high-efficient 5,5-kW fans. 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 – the vibration process 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 also carried out automatically. 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.

Special features

A clamping device for system pallets enables the removal of the wooden pallet. By means of the clamping device the system pallet is fixed – the platforms open, the opening width being selectable via the program. Now, the wooden pallet can be easily removed. The system pallet must be always placed on the centre of the pile – after the pallet exchange, the pile centering is automatically established.

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



Compressed air connection
required

The machine is dowelled on
the floor

Options

Description

BSW 7-2000 AUP

Double clamping (double-sided
spreadable alignment stop included)

X

System for the fully automatic insertion
of system pallets (in combination with
high BSH)

X

Surrounding working platform

X

Special voltage (differing from 400V,
50Hz, 3 phases + neutral conductor)

X

Ionization device

X

Service module for online maintenance

X

Spare parts pack

X

Maintenance package

X