

LOG STACKING

SH 700

Automatic, horizontal Log Stacker

COMMERCIAL

NEWSPAPER

BINDERY

CONVEYING

TRIMMING

COMPENSATED STACKING

LOG STACKING

PALLETIZING

INTEGRATION OF LATEST TECHNOLOGY

Optimizing your processes

Processing of printed products for catalogues and magazines leaving an offset or gravure press demands speed, precision and highest efficiency. No matter whether the run is short or long the Gämmerler SH700 log stacker will meet these challenging requirements. For a perfect process flow between printing press and bindery you can now benefit from the advantages of fully automated horizontal log stacking technology developed by Gämmerler.

Fully automated, fast and easy to operate

The technical concept engineered by Gämmerler offers you a fully automated solution easy to operate. Striking features are the machine's speed and preciseness offering the

customer numerous advantages for his production. The log stacker SH700 is characterized by its compact, space-saving construction and its ergonomic sophisticated design.

Top quality log building

Due to the functionality of the SH700 a particularly gentle shingle transport, diverted by only 90° a careful building of optimum quality logs is possible. This ensures a correct stacking procedure of the reliably counted number of copies, a pre-requisite for trouble-free finishing processes. Palletizing of the strapped logs can be completed either by the Gämmerler Palletizer PL700 or by means of the proven Gämmerler Articulated-Arm Palletizing-Robot PR480 with log gripper.





Pressing station

Large, adjustable cylinders to press the shingled stream.



Separation

The so-called "waterfall" ensures a gapless shingle prior to the separating process.

Two-step separating process:

1. Stop-finger after the set number of copies or after having reached the requested log length.
2. A defined movement of the hold-down-arm avoids high build-up of the following shingle.



Infeed area

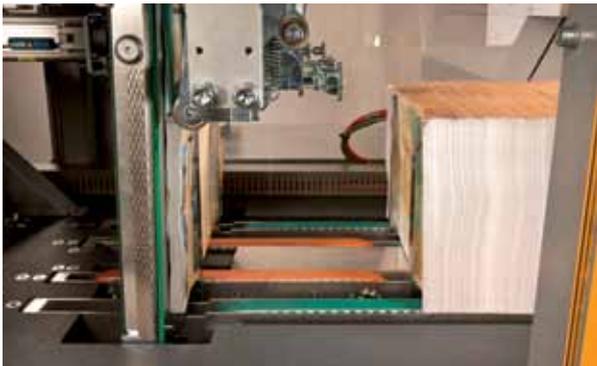
Diverting of the shingled stream by only 90° for gentle transport of the printed products and an optimum log quality, to aid efficient finishing.



Log building process

The log building process is automatically adapted to the copy thickness, as well as the production speed.

SH 700



Two-grid system

1. The collecting grid with subsequent pressing block supports the beginning of the log until the first endboard is inserted.
2. The separating grid accompanies the growing log until the second endboard is inserted.



Endboard feeding

From an endboard magazine of 800 mm length the endboards are fed to the beginning and the end of the log by means of a servo-driven gripper.



Strapping

The MOSCA Ultrasonic strapping unit is characterized by its high availability and low wear. Welding of the strapping material does not cause emissions.



Touchpanel

- Large-sized touchpanel (approx. 11")
- Graphic supported setting of the parameters
- Number of copies per log resp. the log length
- Total number of copies per job
- Number of produced logs
- Speed
- Separating gap (mm)
- Pressing power for log strapping
- Error display

SH 700

Indispensable for highly efficient production flows

The technical concept of the fully-automated log stacker SH700 will convince you.

Just have a look below at the numerous advantages which the system, developed and manufactured in house by Gämmerler, will offer you:

- Highest speed and a minimum cycle time of 18 sec.
- Large-sized touchpanel allowing easiest machine control and functions monitoring.
- Compact dimensions for low space requirements.
- Ergonomic machine design.
- Laser counter.
- Particularly gentle transport of the shingle by diverting it only by 90°, allowing optimization of the log quality for trouble-free finishing processes.
- "Waterfall" to close any gap in the shingle before the separating process.
- Shingle separation by stop finger; then stacking without problem due to a defined movement of a holding-down arm avoiding strong build-up of the printed products.
- Two-grid-system – collecting grid and separating grid – for safe log building.
- Precise inserting of the endboard by means of a servo-driven gripper.
- Open, safe access to the log-building area.





Technical Data

Performance

Throughput¹⁾

Cycle¹⁾

Formats A
 B

Log length pressed

Physical

Outer dimensions: Length x Width x Height

Weight

Infeed height

Delivery height

Air consumption

Nominal pressure

Consumption

Connected loads

Power

Full load Amps.

Supply voltage²⁾

Frequency²⁾

1) depending on printed product and log length

2) others optional

SH 700

	110000	ex./h
min.	18	sec./log
	100 – 330	mm
	200 – 500	mm
	800 – 1200	mm
	4500 x 2240 x 2470	mm
	3000	kg
	1700	mm
	1100	mm
	6	bar
	5	Nm ³ /h (@ 1 bar)
	12	kW
	25	A
	400, 3~, N, PE	V
	50	Hz

Subject to modifications without notice of dimension, design and equipment.

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