COMPENSATED STACKING

KL 540

LiftPack Compensating Stacker

COMMERCIAL

NEWSPAPER

BINDERY

GÄMMERLER

solutions that move print

ULTIMATE STACK QUALITY AT HIGHEST PRESS SPEED

The compensating stacker KL 540 is equipped with the proven Gämmerler LiftPack technology. The KL 540 is suitable for bundle heights up to 300 mm. Numerous options allow to meet the individual customer requirements.

Highest Bundle Quality – Precise Handling

The Gämmerler LiftPack technology allows a particularly gentle bundle creation. Each layer is completed on continuously lowering collecting grids and then transferred to the rotating chamber. The moving sequences are automatically synchronized by means of an intelligent control which ensures the preservation of the product quality, even for difficult productions.

Pivoted Delivery Belt

The integrated pivoted delivery belt which is a standard equipment is moved upwards only for bundle ejection in order to reduce travel of the ejector and therefore the cycle time.

Servo Pusher

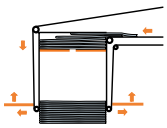
In order to minimize the cycle time a servo pusher is available as an option. While the last layer is created the pusher moves close to the bundle. Therefore the ejection is very soft and synchronized with the delivery belt.

Functional Principle of the LiftPack Technology

- Copies are collected on the grid unit.

- The unit automatically lowers according to the product.

- As soon as the layer is finished it is transported carefully downwards above the rotating chamber. A second independently moving grid unit collects copies of the next layer.



- The collecting grids open and the layer is transferred to the rotating chamber below. This first grid unit then returns to the top of the chamber to collect the layer.

Machine with customer-specific options

KL 540

Low infeed

Pre-collecting area

Pre-collecting area

Option: electrical rotating chamber adjustment

Features

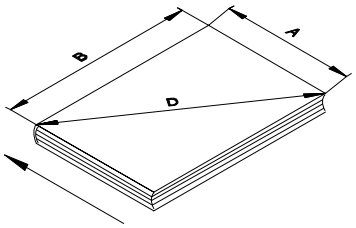
- Continuously lowering collecting grids
- Pneumatic pressing station with large pressing roller diameter (183 mm)
- Reduced ejection distance due to pivoted delivery belt
- Automatic press-speed-following
- Large pivoted window guards for easy access and view
- Electrically driven layer jogger
- Laser counter
- Centralized rotating chamber adjustment
- Automatic divert gate for misaligned copies
- Welded steel frame

Options

- Servo pusher
- Servo turntable
- Electrical chamber adjustment
- Rear pusher (pneumatic or with servo motor)
- Route distribution program TP 500
- High infeed
- Electrostatic blocking module
- Control panel with pivoting arm
- Automatic format-setting

Advantages

- Minimum air consumption
- Easy operation
- Gentle copy and bundle handling
- Short cycle times
- High bundle quality for palletizing



Technical Data

		KL 540	
Performance			
Cycle time [1]		≥ 1.5	sec.
		≥ 1.2	sec. with Servo pusher
Pagination		4 – 96	Heatset / Gravure
Formats	A [2]	105 – 330	mm
	B	140 – 500	mm
	D	max. 560	mm
Layer height		max. 200	mm
Bundle height		max. 300	mm
Physical			
Outer dimensions: Length x Width x Height		3372 x 1038 x 2056	mm
Weight [3]		approx. 1400	kg
Infeed height [4]		560 – 970	mm
Delivery height [4]		887	mm
Air consumption			
Nominal pressure		6	bar
Consumption [3]		max. 1020	Nl/min (@ 1 bar)
Connected loads			
Full load Amps.		25	A
Supply voltage [4]		400, 3~, N, PE	V
Frequency		50	Hz

1) depending on the copy
2) with rear-eject 105 – 310 mm
3) according to equipment variation
4) others optional

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

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