

gamma

Small footprint, flexible automated delivery



gamma

Automated deliveries 501pro - 503pro

The machines of the gamma pro series are used to optimize performance and reduce personnel costs.

The machines of the gamma series are used to optimize performance, reduce personnel costs and reduce the physical strain on employees on a wide variety of production machines. Printed products are counted and checked, as well as jogged and stacked with the edges aligned. The resulting stacks are either banded or only stacked.

The gamma is technically based on the more powerful delta series, but is very compact and the cost is lower. However, the option of delivering both banded and unbanded is only possible with the gamma.

Due to the modular design of the machine and its wide variety of applications, the gamma is used on folding machines, saddle stitchers, collating machines and mailing systems.

In addition to the delta series, the gamma is the only other delivery system that completely automates the manual activities behind the production machines for print finishing.



Advantages of the gamma series

Elimination of manual work so only one operator required:

- Manual removal of folded products and brochures
- Manual pushing and pressing of the folded products
- Manual banding of the product stack

The operator can take an aligned, pressed and banded stack with one hand and places it on a pallet or in a box. This saves the operator an enormous amount of time.

A large buffer table with motor-driven conveyor belts option also offers time-saving benefits for postpress processing. The buffer table can collect stacks over a longer period of time, reducing the need for the operator to constantly manage single stacks as they come out of the machine. This frees up the operator to engage in other tasks, further optimizing their workflow. The buffer table significantly enhances the overall efficiency of the processing line.

Due to the banding in the shaft, almost all folded and stitched products can be processed. In connection with the large format range and many options, the gamma usually always stays on a production machine. To further its flexibility, the gamma is mobile and requires little space. This allows the machine to be used even in confined spaces.

With the gamma, product stacks can be banded (standard equipment) or additionally unbanded (optional) for output. Various interface solutions enable operation on a large number of different production machines.

Upgrade options

The gamma series can be equipped with modules from the Dynamic Separation Platform (DSP) supporting variable data printing (VDP) functions and enabling Industry 4.0.

This means that the gamma pro series can be integrated into production processes with variable data printing and personalized data.



Technical specifications

Formats and stack heights

Infeed width min. with 1.97 inches (50 mm) band

Infeed width min. with 1.18 inches (30 mm) band

Infeed width max with 1 product stream

Infeed width max with 2 product streams*

Infeed width max with 3 product streams*

Infeed length min.

Infeed length max.

Minimum stack height

Maximum stack height

gamma 501pro	gamma 502pro	gamma 503pro
4.13 inches (105 mm)	4.13 inches (105 mm)	4.13 inches (105 mm)
3.74 inches (95 mm)	3.74 inches (95 mm)	3.74 inches (95 mm)
20.87 inches (530 mm)	20.87 inches (530 mm)	20.87 inches (530 mm)
	9.65 inches (245 mm)	9.65 inches (245 mm)
		5.90 inches (150 mm)
3.74 inches (95 mm)	3.74 inches (95 mm)	3.74 inches (95 mm)
9.45 inches (240 mm)	9.45 inches (240 mm)	9.45 inches (240 mm)
0.2 inches (5 mm)	0.2 inches (5 mm)	0.2 inches (5 mm)
3.94 inches (100 mm)	3.94 inches (100 mm)	3.94 inches (100 mm)

Formats and stack heights of standard machine

(*Possible limitations or changes due to optional equipment)



Standard equipment (excerpt)

- Equipment for processing one to three product streams
- Height-adjustable feeder
- Format measurement with waste ejection
- Infeed unit with pair of press rollers
- Transport of the products in single sheets for thick or sensitive print jobs
- Transport of the products in a shingled stream for fast-running productions
- Robust palamides banding system with electric impulse welding process (EIS)
- Output of the product stacks to a buffer table
- Equipment for 1.97 inches (50 mm) wide band
- Equipment for product thickness 0-0.24 inches (0-6 mm)
- Foldable output table

Optional equipment (excerpt)

- Small format device
- Stacking level compositor 2.76 inches (70 mm)
- Standard air blast device
- Band with 1.18 inches (30 mm)
- Equipment for product thickness 0.08-0.4 inches (2-10 mm)
- Retaining table 502
- Antistatic device
- Optional infeed height 29.53 inches (750 mm)
- Package transport
- Machine status signalization
- Tension rollers 50

Interface solutions

- Interface ready for operation
- Extension interface
- Connection to MBO M1
- MBO Navigator interface
- MBO 24-pin interface
- Interface HD-TF
- Interface MCT-DCT 500_MCT
- Control from external
- Speed following device
- Interface to Horizon

Applications

Signatures
Flyers
Brochures
Mailings
Rotational products
Self-mailer

Compatible machines

Folding machine
Saddle stitcher
Gathering machines
Digital printer
Mailing inserts

Benefits

Efficient and constant production
Little space required
Flexible for different productions
Powerful
Easy setup
Easy to connect

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Technology for Success

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