

#gamma

Perfection for DIGITAL PRINTING



Application examples



... behind folding machines



... behind gathering machines

f i t s e v e r y w h e r e



... behind saddle stitchers

gamma - highly efficient

Compact, robust, easy to operate and very productive - even with short runs.

With the “automatic delivery” gamma, you can rely on higher productivity in the following areas:

Lower personnel costs. Sturdy, easy-to-handle quality stacks ensure reliable products to downstream finishing machines. The gamma is a mobile delivery with a small footprint that can be easily set up on folding machines, saddle stitchers, gathering machines, mailers, etc.

Product stacks that slip easily can be strapped automatically with a paper band. This allows the operator to quickly and efficiently place stacks in cartons or on pallets while also monitoring production. Of course, the banding can be switched off at any time to deliver loose stacks on the optional belt delivery.

The gamma is equipped with the proven palamides components and has been designed for companies that have little space and quickly changing jobs. No matter if internet printing or small business. No matter if 4 pages or 10 mm/0.39 " booklet. No matter whether with 80,000 flyers per hour in double-up or with 3,000 stitched booklets in single-up! The products are transferred from the proceeding machine, pressed, counted, measured, stacked, banded on request, and laid out on a buffer table in running direction. The gamma can lay out up to 600 bundles/h per label (i.e. up to 1200 bundles/h in total).

The robust and reliable electronic impulse welding process (EIS) ensures trouble-free sealing of the sleeve. Banding takes place exclusively in the shaft in which the products are collected. This patented process ensures that even products that are strongly applied, smooth and uneven can be processed neatly.

Technical data

Up	Infeed width	Infeed length	Stacking height
1	140 mm - 510 mm 5.51 " - 20,07 "	95 mm - 235 mm 3.74 " - 9,25 "	20 mm - 120 mm 0.78 " - 4,72 "
2	140 mm - 220 mm 5.51 " - 8,66 "	95 mm - 235 mm 3.74 " - 9,25 "	20 mm - 120 mm 0.78 " - 4,72 "

Minimum infeed height: 500 mm
19.68 "

Maximum infeed height: 1200 mm
47.24 "

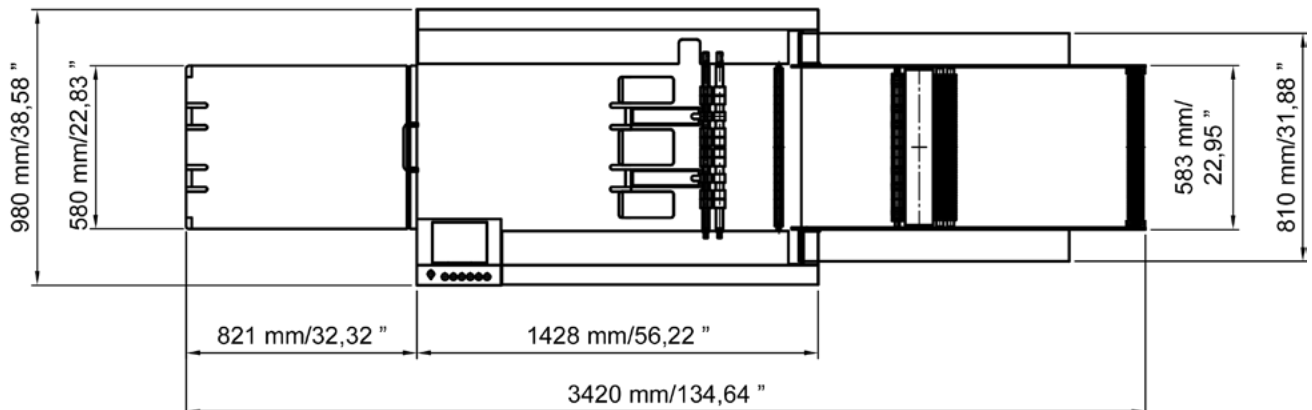
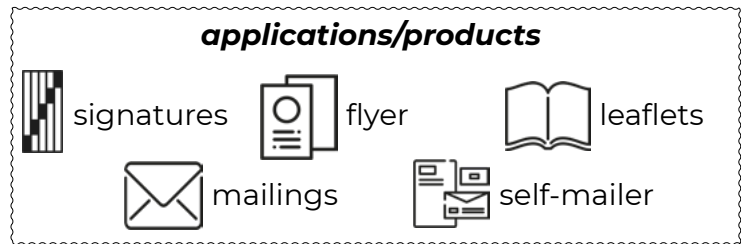
Interface: 24-pole

Compressed air in l/min: 350

Output of products: straight

Set-up time: 5-10 minutes (for production in single-up)

Also available as special machine for thick products (up to 10 mm/0.39 ").



Technical data

Standard equipment

- ◆ Press station
- ◆ automatic format control and discharge of missing sheet
- ◆ Side jogging can be operated from the outside
- ◆ Automatic setup in running direction
- ◆ Banding (can be switched on and off)
- ◆ Jogging device
- ◆ Counter
- ◆ mobile
- ◆ foldable delivery table

Options

- ▶ Small format device to reduce the minimum format to (infeed width) 105 mm/4.13 " x (infeed length) 75 mm/2.95 ". Does not represent any restrictions.
- ▶ Blow air device for better processing of products that unlock (layer folds, small-format booklets, etc.).
- ▶ Transport of stacks on conveyor belts and roller carpet instead of buffer table top - to minimize slippage of non-banded stacks.
- ▶ Antistatic device for better processing of products with a tendency to static charging (e.g. flyers).

Coupling (optional):

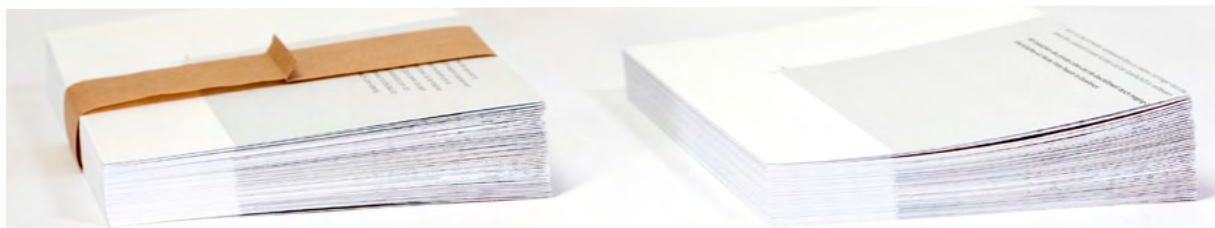
MBO 24polig, Navigator, M1, Vario control	Horizon	GUK
HEIDELBERG TF, TH, TD, TI	Bograma	Müller Martini
Matthias Bäuerle (MB)	Moll	Hohner
Herzog und Heimann	MKW	Theisen & Bonitz

Can be used everywhere!

Thanks to its clever design, the gamma502 is a small, manoeuvrable and fully automated delivery that can be set up in just a few minutes. The delivery is mobile and height-adjustable at the product infeed. The delivery can be rolled from the folding machine to booklet production in a flash.

When space is limited, the spacious buffer table is simply raised to “fold down” the delivery to roll away.

Whether folding products, greeting cards, brochures or mailings - the gamma can be set up in no time at all and fits perfectly into the landscape of a digital finisher as well as into that of a bookbindery and print shop!



And this is how it works:

All products are measured by gamma. Everything outside the tolerance range is automatically ejected and not counted. If more than three products in a row are not within the tolerance range, the gamma stops production; this enables it to quickly detect whether, for example, a folding problem has occurred. In this way, the gamma prevents too much maculature from being produced.

In two-up production, the products are slightly spread, measured and properly pressed in the pressing station. Wide conveyor belts take over the products and pass them on to the collecting chutes. Different versions can be clearly separated by coloured bands.

The operator can enter the desired quantity via a touch display and decide whether the stacks should be banded or not. The counted stacks (banded or loose) are buffered on the output table and can be easily removed by the operator.



What is the Benefit?

The further processing of digital as well as offset printing goods must be done quickly and easily with a lean workforce (personnel-efficient)! Very often, however, the delivery prevents the operator from doing so. Either the production speed has to be reduced or another operator has to be switched off in order to achieve faster production. Both cost a lot of money and cause unrest in the whole production.

This situation can be solved elegantly with the gamma. The delivery can be used universally behind folding machine, saddle stitcher, gathering machine for the production of brochures, flyers, greeting cards, etc. The delivery can also be used for the production of brochures, flyers, greeting cards, etc. It can be set up in no time at all and allows the operator to handle production alone and at full capacity without any additional physical effort!

The gamma delivers cleanly jogged stacks, which are stored on the spacious buffer table. This gives the operator enough time to pack the stacks into folding cartons or place them on pallets while checking the quality of the production! The operator can choose whether the stacks are to be buffered with banderole or loose. The banderole can help to “conserve” the stacks in a properly jogged state, especially with smooth products - in addition, banderoles of different colours can be used for different versions on ups 1 and 2! For example, the Hamburg version (blue/black) can be easily distinguished from the Stuttgart version (red/white)!

This way of working will very quickly amortize the investment and motivates the employees!

*Depending on the number of stations on the saddle stitcher or on the activities after the folding machine such as labelling, strapping etc. of the folding boxes etc.!

Digital printing on the advance

Digital printing is a constant source of new ideas for further processing new challenges.

Only a few years ago, digital printing was only used for small print runs of “up to 250” copies are used sensibly. But the digital printing continues to advance and establish itself more and more for small and medium runs.

The needs of digital printers in the postpress sector are different from those of the large offset printing companies. A similar situation exists in the smaller offset printing companies: Run lengths are declining - there has been an increase in the use of wider finishing processes. (folding, booklet making, etc.).

In this environment, the gamma compact delivery is the ideal and flexible supplement to the further processing to be profitable.

Relax man, you have a palamides!



Good to know

The name “palamides” stands for innovative and robust delivery systems.

More than 25 years ago, the palamides bookbindery developed an automated delivery - actually for own use.

What began as a tinkering process ended a few years later in a professional mechanical engineering, which after a short period of time is internationally became very successful.

More than 3000 automated deliveries have been installed worldwide since then. The palamides team has never neglected the personal touch and the direct line to the user!

However, the name palamides is also used again and again with a lot of space requirement, high print runs and high investment.

With the gamma compact delivery, this is about to change!

low investment
also short runs
low space requirement

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