



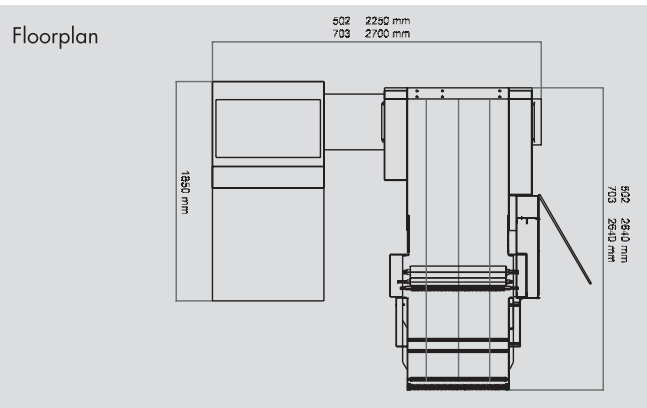
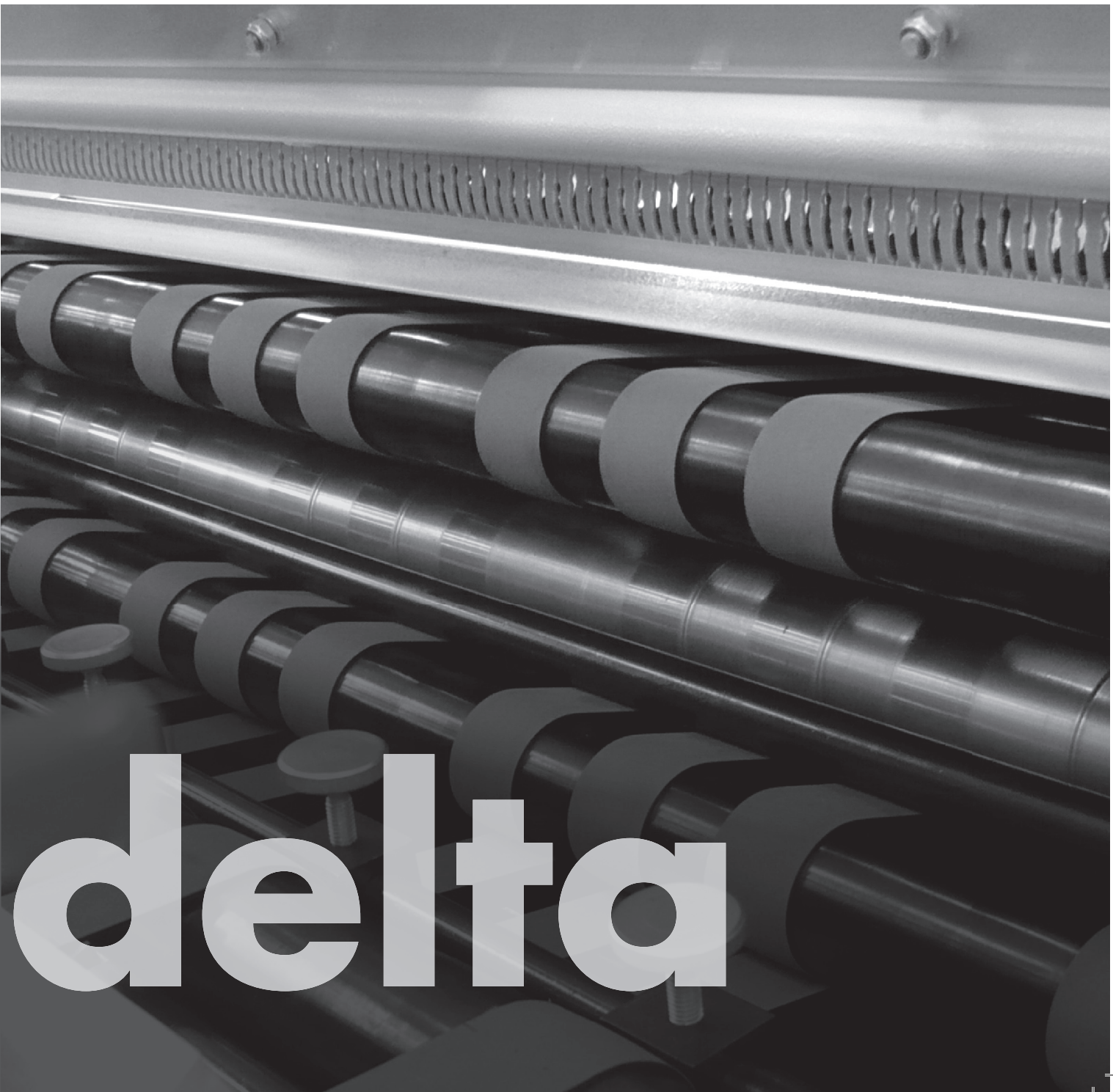
Advantages at a glance:

- Automatic format recognition and waste sheet ejection for continuous production with no bad sheets in the stack.
- Pressing unit with pre and main pressing rollers with up to 3.5 t forming pressure, can be opened pneumatically.
- Quick set-up mode, without tools, to limit set-up time to a few minutes.
- Product stability device for reliable processing of difficult and thin products.
- Large format range approx. A7 to A3 enables high efficiency.
- Ergonomic and joint friendly removal of the packages.
- Suitable for inline processing, automatic transfer of the stack possible, e.g. to shrink-wrap tunnels.
- Barcode/Datamatrix reading system can be used for individual package formation.

delta	502	Band width 50 mm up to 2 ups Formats: min. (without small format device) min. (with small format device) max. 1up max. 2up	Infeed width: 110 mm (4 ¼") 90 mm (3 ½") 510 mm (20") 235 mm (9 ½")	Infeed length: 95 mm (3 ¾") 65 mm (2 ½") 300 mm (12") 300 mm (12")
delta	703	Band width 50 mm up to 3 up-work Formats: min. (without small format device) min. (with small format device) max. 1up max. 2up max. 3up	Infeed width: 110 mm (4 ¼") 90 mm (3 ½") 760 mm (30") 335 mm (12") 235 mm (9 ¼")	Infeed length: 95 mm (3 ¾") 65 mm (2 ½") 300 mm (12") 300 mm (12") 300 mm (12")
delta	705	Band width 30 mm up to 5 up-work Formats: min. (without small format device) min. (with small format device) max. 1up max. 2up max. 3up max. 4up max. 5up	Infeed width: 110 mm (4 ¼") 90 mm (3 ½") 760 mm (30") 335 mm (12") 235 mm (9 ¼") 175 mm (6 ¾") 148 mm (5 ¾") 60 mm (2 ½")	Infeed length: 95 mm (3 ¾") 65 mm (2 ½") 300 mm (12") 300 mm (12") 300 mm (12") 300 mm (12") 300 mm (12") 65 mm (2 ½")
special version	705xs	like 705 but min.		
delta	1005	Band width 50 mm up to 5 up-work Formats: min. (without small format device) min. (with small format device) max. 1up max. 2up max. 3up max. 4up max. 5up	Infeed width: 120 mm (4 ¾") 105 mm (4") 1100 mm (43 ¼") 500 mm (19 ¾") 320 mm (12 ½") 230 mm (9") 210 mm (8 ¼")	Infeed length: 110 mm (4 ¼") 90 mm (3 ½") 320 mm (12") 320 mm (12") 320 mm (12") 320 mm (12") 320 mm (12")
Performance:		600 bundles/h per up-work		
Speed:		15 – 200 m/min.		
Electrical connection:		16 A, 400/230 V, 6 kW		
Compressed air consumption:		350 l/min net, 6 bar filtered air		

03/2014

delta
Automatic Delivery



Similar solutions:

- Automatic Single Sheet Delivery mitra for rotary cutters and die cutters
- Automatic Delivery for pharmaceutical prefolds pharma704

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www.palamides.com

Advantages and standard equipment.

Products which can be processed.

Standard equipment and options



delta703 Automatic Delivery with anti-static device, small format-device and stacking level compensation

With the new automatic **delta** delivery the focus is on higher productivity with lower personnel costs. Sturdy, easy-to-handle stacks ensure effective removal to subsequent processing machines.

The **delta** is primarily a fully automatic delivery system, which streamlines the production process. Here, rationalisation is key, not bundling the packages. By using a delta at a folding machine only one operator will be required. Also, at saddle stitchers, one person can remove the stack cost-effectively even with 2-up or 3-up production and all at full running capacity. Handling the packages is quick and easy, even for in-house transfer from the folding machine to the saddle stitcher. The band merely serves as a means of relocating the products quickly, simply and efficiently. The **delta** sets new standards for speed, format range and user-friendliness. With its 600 packages per hour per product stream, it puts all

previous machines in the shade. With the tandem version up to 3,600 packages per hour can be processed.

Trouble-free sealing of the band is ensured with the sturdy, reliable electronic impulse welding system (EIS). Bundling is only carried out in the shaft in which the products are collected. This patented process ensures that even products which spread out at the binding edge, are slippery and are uneven can be processed neatly.



Pressing unit can be opened pneumatically so that the pressing rollers can be cleaned and double sheets can be removed quickly and easily.

- Rationalisation of production
- Up to 3,600 packages per hour
- Cost saving through reduction in personell
- Efficient use with one to five up-works
- Short set up times
- Paper or film bands

Application:

- **Folding machines** combi or buckle folding machines, irrespective of manufacturer
- **Mailers**, slippery and asymmetrical products too
- **Saddle stitchers**, from the smallest products in multiple up-work up to A3 formats
- **Digitale printing machines**, regardless of whether parallel or cross fold

Standard equipment:

- **Automatic format recognition and waste sheet ejection.**
- **Pressing unit with pre and main pressing rollers** with up to 3.5t forming pressure **can be opened pneumatically** so that the pressing rollers can be cleaned and double sheets can be removed quickly and easily.
- **Quick set-up mode**, without tools, to limit set-up time to a few minutes.
- **Product stability device** for reliable processing of difficult and thin products.
- **Stack banding in the shaft**, which enables the machine to form unrivalled stacks, even with coated and uneven products.
- **Sturdy and reliable „electronic impulse welding system“ (EIS).**
- **Jogging device with shape jogger** to knock up large stacks of uneven products with precise edges.
- **Product delivery** possible in the direction of travel or back to the operator, left or right (4 possibilities) to a large buffer table.
- **Banding with paper or plastic film.**
- **Separation of multiple-up versions** using different tape colours.

Options:

- **Small format device** for reliable processing of small formats.
- **Variable stacking level compensation** for products which mushroom at the binding edge, e.g. to optimise stack formation at a saddle stitcher. Adaptable to product size and type of fold.
- **Antistatic device** for processing products laden with static.
- **Air blast device** for processing products which spread out (e.g. spine stitched brochures or layered folds).
- **Small package device** for processing flat packages less than 3 mm in height.
- **Connection module for all folding machines** from different manufacturers.
- **Barcode recognition** for postcode sorting or for the collating function on digital printing machines, film-wrapping machines or behind personalisation equipment.
- **Printer's imprint reader** for reliable separation of individual book blocks in book on demand lines.
- **Cardboard feeder** to supply a card to the upper and lower side of the stack This is bundled with it to ensure the stack is pressed evenly. This is optimal for products, which are to be processed in mailing machines. The cardboard feeder can also include price lists, info sheets etc. in the bundle as a cover sheet.
- **Suitable for inline processing –** automatic transfer of the stack possible.
- **extended buffer table** up to 2,5m (98") with rollers.

Functional description:

The folded sheets/spine stitched brochures are transferred from the folding machine via round belts, electronically measured and pressed. Waste sheets are detected at the infeed and ejected before the pressing device. The products are then transferred to the stack container where they are formed into stacks with precise edges and then pressed again before they are bundled. The bundles are then passed via the package lift to the operator at an ergonomical working height. The fully automatic delivery is mobile and, with very little effort, can be installed behind other machines. It can be changed over to a different format in a few minutes.