

delta

Versatile automatic deliveries



delta

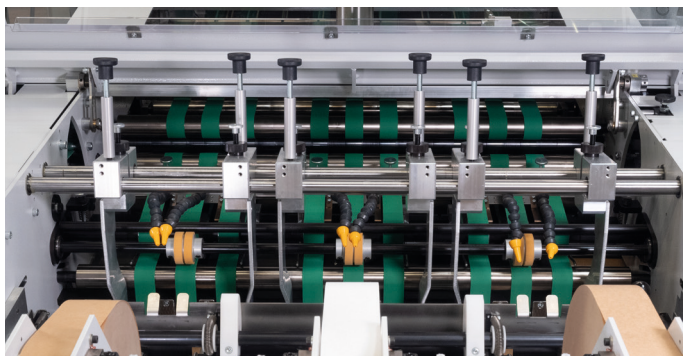
Automated deliveries 502pro - 703pro

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

The machines of the delta series optimize production processing performance and reduce the physical strain on machine workers on a wide variety of production machines. Printed products are counted and checked, as well as jogged and stacked with the edges aligned, defective sheets are rejected. The stacks are banded either with paper or foil.

The delta is designed with its exceptional format range, its simple operation and its complete equipment for 24/7 operation with a wide variety of products. In conjunction with the well thought-out ergonomic layout, it is predestined for maximum utilization while at the same time optimally relieving the machine operator.

Due to the modular structure of the machine and the large variety of options, the delta is used on folding machines, saddle stitchers, collating machines, mailing systems and many other special applications. The possibility of customizing the delta for specific applications is unique in series machine construction.



Advantages of the delta series

Elimination of manual work to be carried out by an operator:

- Removal of folded products and brochures
- Pushing and pressing of the folded products
- 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.

The large buffer table (optionally with motor-driven conveyor belts) enables the operator to set down the stacks of products at long intervals. This gives the operator long, contiguous free spaces that the operator can use for other activities.

The operator's walking distances are kept as short as possible because the buffer table can be attached in four different positions

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 delta usually always stays on the production machine.

Various interface solutions enable operation on a large number of different production machines.

Upgrade options

The delta 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 delta pro series can be integrated into production processes with variably printed and personalized data.



Technical specifications

Formats and stack heights

Infeed width min.

Infeed small format

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 small format

Infeed length max.

Minimum stack height

Maximum stack height

Formats and stack heights standard machine

(*Possible limitations or changes due to optional equipment)

	delta502pro	delta703pro
Infeed width min.	4.13 inches (105 mm)	4.13 inches (105 mm)
Infeed small format	3.54 inches (90 mm)	3.54 inches (90 mm)
Infeed width max with 1 product stream*	20.87 inches (530 mm)	31.50 inches (800 mm)
Infeed width max with 2 product streams*	9.65 inches (245 mm)	12.99 inches (330 mm)
Infeed width max with 3 product streams*		9.45 inches (240 mm)
Infeed length min.	3.74 inches (95 mm)	3.74 inches (95 mm)
Infeed length small format	2.56 inches (65 mm)	2.56 inches (65 mm)
Infeed length max.	12.60 inches (320 mm)	12.60 inches (320 mm)
Minimum stack height	0.2 inches (5 mm)	0.2 inches (5 mm)
Maximum stack height	5.90 inches (150 mm)	5.90 inches (150 mm)



Standard equipment (excerpt)

- Equipment for processing two to three product streams
- Equipment with 50 mm wide band
- Height-adjustable feeder
- Format measurement with waste ejection
- Press station with feed and main press rollers
- Transport of the products in single sheets for particularly thick or sensitive products
- Transport of the products in a shingled stream for particularly fast-running productions
- Robust palamides banding system with electric impulse welding process (EIS)
- Output of the product stacks on a variably adjustable buffer table
- Parcel lift

Optional equipment (excerpt)

- Boom long with pressing station
- Small format device
- Stack level compositor 70 mm
- Stack level compositor 180 mm
- Air blast standard
- Equipment with 30 mm wide band
- Antistatic device
- Carton erector
- PE bands
- Transport table for transfer to film sealing units
- Machine status signalization
- Lateral arc monitoring
- Barcode and print mark reader

Interface solutions

- Interface ready for operation
- Extension interface
- Connection 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 attachments

Benefits

Efficient and constant production
Designed for 24/7 operation
Can be used flexibly
Powerful
Easy setup
Easy to connect

palamides
Technology for Success

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