High Quality Large Format Folding Systems

estefold 2300 · 4210 · 4211

es-te *Berlin*

Specialists in Office Automation & Finishing

"Perfectly designed with you in mind"
This is the driving force behind **es-te** Reproservice & Vertriebs GmbH. For over a decade **es-te** has focused on the design and manufacture of high quality, long life office automation, and especially the large format automatic plan folders and tab applicators.

Today **es-te** is a market leader in state of the art document finishing equipment and has customers in more than 40 countries world-wide. The **es-te** range includes large format printers, copiers and trimmers with comprehensive support and service.

The Digitally Controlled: *estefold 2300*

Cost-effective large format plan folder with digital control. Easy to use, extremely reliable with outstanding long life.

Fast precision folding in 8 formats – ten times faster than by hand.

Application
High precision folding of blueprints, copies and plots. Just right for small to medium print runs. The folder handles all document sizes up to 930 mm width and 4 metres long (endless folding on request).

Easy to use
An easy to read display, 4 pre-programmed and 4 editable fold styles and extreme reliability – that's the **estefold 2300**. After only a few minutes of training every user will be fully competent.

Ergonomic table height
An oversized feed table at a convenient height makes the manual feeding of documents into the folder easy. The folding process is controlled by an integral computer and fan-fold and cross-fold are completed in two stages.

Digital precision
Optical sensors and precision stepper motors measure the dimensions and position of the document to be folded and then the ideal position of the fan-fold is calculated. LED optical sensors guarantee high reliability and precision.
When the document has been fan-folded it has to be rotated 90° by hand and fed into the machine again. Then the computer switches automatically to cross-fold.
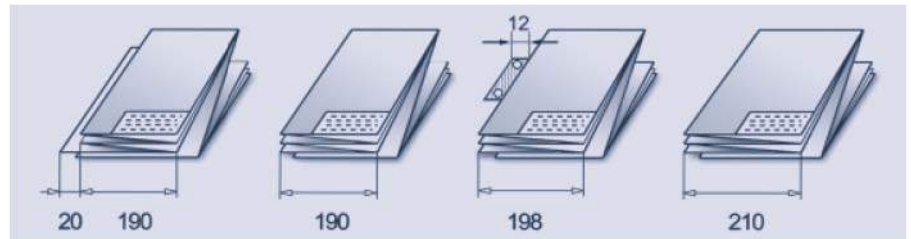
Menu-driven: 8 Fold Styles

Reliable operation

The large LCD display makes it easy to select one of the 8 fold styles with the arrow key. The corresponding width of the panel and margin are displayed, so it is almost impossible to make a mistake.

8 fold styles at the touch of a button

Fold styles 1 to 4 are factory preset to the most common DIN fold styles. The user may edit fold

styles 5 to 8 within the following limits:

- Panel width: 180 mm – 210 mm
- Margin width: 0 mm – 30 mm
- Cross fold 297/305 mm (optional)

All the settings entered are retained when the folder is switched off.

Workaholic: *the estefold 4210*

Versatile automatic offline folder for fan-fold and cross-fold at one pass. The folder can be linked to the tab applicator. Perfect finishing for long runs.

Application

High precision folding of drawings, plots, copies and blueprints, ideal for medium to high print volumes. This folder can serve as central folding device for several print departments. It handles all document sizes up to 930 mm width and 4 metres long (6 metre option available). Documents up to 2.5 m may also be cross folded to A4 format.

Easy to use

Packet folding with or without a tab is easy. Just touch the button to produce your precision folding, at any speed. The reliable *este-fold 4210* will make light work of long runs – at high quality.

Ergonomic comfort

You will appreciate the benefits of ergonomic design on every folding job, not just on long runs. For example, the manual feeding table and the conveyor delivering the folded documents are at a convenient height - no bending required.

Fully finished output

Every finished item is delivered slightly offset on the conveyor with the title block facing upwards, with no sorting action being required of the user.

estefold: Intelligent Folding

First Class folding from First Class folders

Neat and crisp high quality folded packets are the result of proven special technology which uses fold rollers and a blade. The benefit of long experience in folding machine manufacturing, years of R&D and frequent detailed consultations with customers have combined to produce reliable quality. Take a look at the compact and sophisticated design – judge for yourself.

Every folder is made of wear-resistant components and the best materials available. Each of the folders is fully tested prior to delivery.

Every **es-te** folder has a small footprint, is as quiet as a whisper and is extremely reliable. And in the very unlikely event of a breakdown one of our service partners will ensure rapid return to normal service.

Folders by **es-te** are renowned for user-friendliness, ergonomic design, clear displays and easy to understand software routines.

At Home Online: *estefold 4211*

Heavy-duty folder with adjustable bridge and direct online connection to almost every plotter and copying system on the market. Excellent performance at three speeds : 4m/min, 8 m/min and 15 m/min.

Application
Computer-aided folding of large format copies and plots. Fully automatic, so it can run overnight, for example. Ideal for medium to high print volumes. It handles all document sizes up to 930 mm width and 4 metres long (6 metre option available, 2.5 metre for cross-fold). Folding to standard DIN formats and other sizes.

Tiltable bridge
The bridge of the **estefold 4211** is perfect for easy adjustment to the outlet height of copiers and plotters. The bridge can be set vertical to allow access to the back of the printer.

Easy control online
The **estefold 4211** can be operated from the user's PC (via a serial connection). Just select fold style and finishing options and the system will do the rest. The position of drawings is checked automatically, and error messages report any faults in printing and folding.

Options
The infinitely adjustable feed rail ensures precision folding, with or without edges, even during manual feed. At the touch of a button.

Any documents not for folding can be stacked on the bridge by the flat sheet stacker (option).
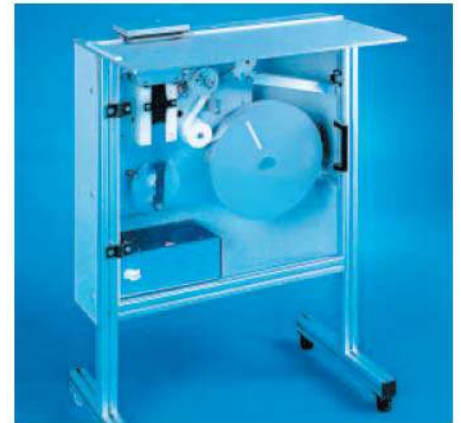
Automatic Tab Applicator

Automatic Tab Applicator HF 111

Perfect finishing for packages 190 or 198 mm in width. The applicator cuts and feeds tabs automatically. The tab adhesive is long lasting and peel resistant.

The fan folded package travels along the guide rail and is aligned at the stop. Automatically the tab is precision-applied to the last panel of the package.

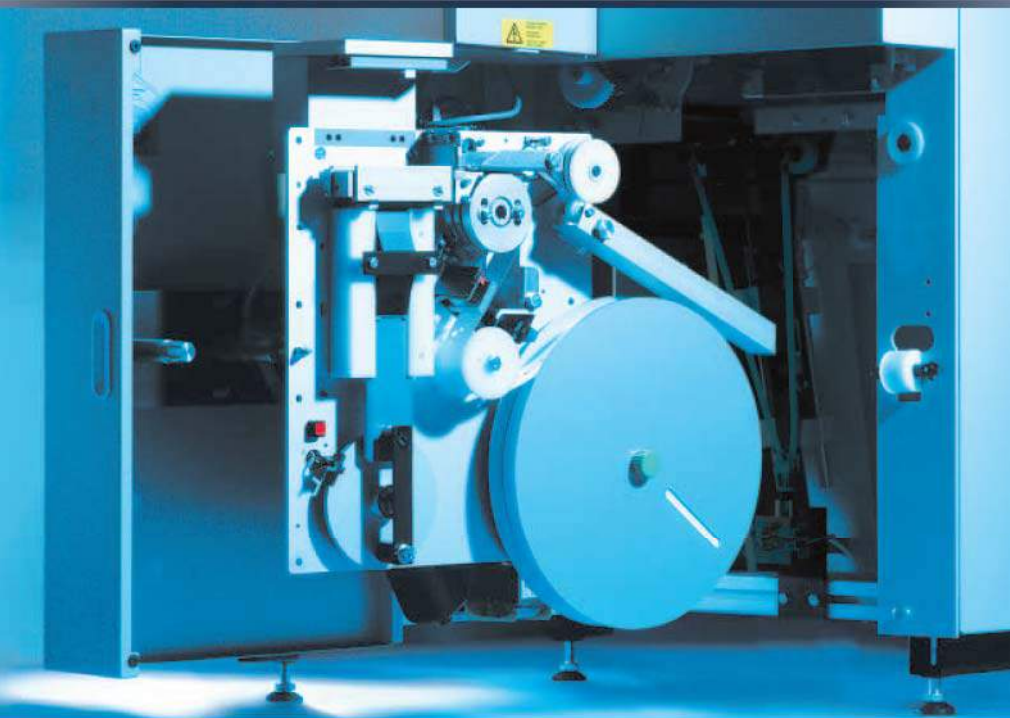No more separate punching and reinforcing!

Operation is the same as in the integral version (see integrated Automatic Tab Applicator below)

Options: *estefold* Accessories

EXTRAS

Timesaving and reasonably priced supplements to every estefold folder – either integral or stand-alone. Convenience and efficiency means added value.

Integrated Automatic Tab Applicator

The proven fully automated solution that makes every large format document ready to file. Pre-punched filing strips made of inde-structible plastic are attached to the last panel of every document. They literally last forever.

All filing strips are cut from easy-load rolls of 350 g/m² kraft board, white or transparent plastic. These rolls are 200 m long, sufficient for 1800 documents.

not illustrated
The A2 Rotating Unit adds one virtual media roll to your plotter.
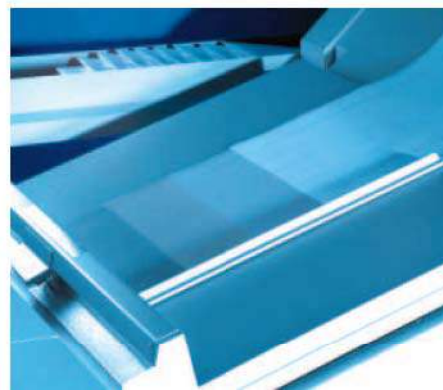
left
Extended Stacker for *estefold* 4211-X
If production speed increases or large numbers of documents are to be printed overnight the Extended Stacker will be the right choice for you. It adds a stacking capacity of an additional 150 A0s.

right
Feed Rail for *estefold* 4211-X
The optional manual feed comes with an infinitely variable slider that ensures precision folding, with or without a filing strip. Adjustable at the touch of a button.

More Advantages

Quality

- In-house R&D and design department
- Made in Germany
- Every folder fully tested before delivery

Price

- Excellent price/performance ratio
- Many extra features included as standard
- Excellent spare parts service

Service

- Free hotline support
- 99% of spare parts available from stock
- Spare parts overnight facility

estefold: Everything at a Glance

Copies and drawings folded precisely to the millimetre
Ideal for large format document printing applications

Technical specifications	estefold 2300	estefold 4210	estefold 4211-4	estefold 4211-8	estefold 4211-15
Control	offline	offline	online	online	online
Online interface	no	no	yes/serial	yes/serial	yes/serial
Paper feed	manual	manual	automatic/manual	automatic/manual	automatic/manual
Folding speed	18 m/min	16 m/min	up to 4 m/min	up to 8 m/min	up to 15 m/min
Folding method	roller	roller + blade	roller + blade	roller + blade	roller + blade
Folding programs	8 fanfolds/4 crossfolds	8 fanfolds/1 crossfold	8 fanfolds/1 crossfold	8 fanfolds/1 crossfold	8 fanfolds/1 crossfold
Folding	DIN 824	DIN 824	DIN 824	DIN 824	DIN 824
Flat sheet stack	no	no	yes – on bridge	yes – on bridge	yes – on bridge
Paper length	420 - endless	210/420 - 4.000 mm	210/420 - 4.000 mm	210/420 - 4.000 mm	210/420 - 4.000 mm
Paper width	275 - 930 mm	297 - 930 mm	297 - 930 mm	297 - 930 mm	297 - 930 mm
Paper weight	60 - 110 g/m²	60 - 110 g/m²	60 - 110 g/m²	60 - 110 g/m²	60 - 110 g/m²
Stacking	collecting tray	up to 50 Din A0	up to 50 Din A0	up to 50 Din A0	up to 50 Din A0
Panel width	180 - 420 mm	180 - 210 mm	180 - 210 mm	180 - 210 mm	180 - 210 mm
Filing margin	0 - 30 mm	0 - 30 mm	0 - 30 mm	0 - 30 mm	0 - 30 mm
Variable feed height	860 mm table**	860 mm table**	550 - 1600 mm	550 - 1600 mm	550 - 1600 mm
Dimensions (W x L x H)	1350 x 1315 x 1010	1670 x 1440 x 1085	1670 x 1475 x 1085	1670 x 1475 x 1085	1670 x 1475 x 1085
Power V/Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz	115/230 V, 50/60 Hz
Power A/V	6 A/3 A, 110/230 V	10 A/6 A, 110/230 V	10 A/6 A, 110/230 V	10 A/6 A, 110/230 V	10 A/6 A, 110/230 V
Weight	145 kg	250 kg	270 kg	275 kg	275 kg
Tab applicator		option	option	option	option

** Options: fold away feed table
Other options and special accessories available on request.

Folders by **es-te** – setting the standards in large format folding technology.
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