



Fanfold Paper Folding Machine Datasheet

Perforating and folding lines that turn parent kraft reels into dispenser-ready fanfolded stacks

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Who buys these machines

- Packaging converters supplying fulfilment operations
- Distributors importing finished fanfold today
- Paper mills adding a converting step
- Third party logistics operators

Problems this family solves

- Imported fanfold stacks carry long lead times and freight cost on mostly air
- Single layer fanfold tears on sharp corners and heavy goods
- Loading heavy parent reels by hand is slow and a safety exposure

High Speed Fanfold Kraft Paper Folding Machine

Perforates and fanfolds kraft paper at 200 m per minute and stacks the pile for you



The SD-PF500B perforates, folds and stacks kraft paper in one automatic pass, producing the fanfolded pile that feeds void fill and wrapping dispensers in e-commerce fulfilment. It handles 40 gsm to 150 gsm paper up to 470 mm wide at 200 m per minute, with the perforation and folding length adjustable between 8 and 15 inch. The standard build is set at 11 inch and the module is changed to move to another length.

Specification

Parameter	Value
Machine model	SD-PF500B/PF800B
Max material width	470mm/780mm
Paper thickness	40-150gsm
Machine working speed	200m/min(model 800 150m/min)
Perforation and Folding length	8-15inch (Standard 11inch,need to change module)
Unwinding diameter	0-1200mm
Stacking system	By conveyor
Unwinding type	Automatic lifting system
Unwinding shaft	3" inflatable air shaft
Inverter and PLC	Local brand
Touch screen	Weinview brand
Motor	Local brand
Machine size	3500*1200*1600mm(LxWxH)/3500*1500*1600mm
Machine power	3.5kw/5 KW
Machine weight	2000KG/2500KG
Power supply	380V 3 Phase

Key benefits

- 200 m per minute on the 500 model, the fastest fanfold line in the Emerson range
- Automatic lifting unwinding stand means the parent roll is loaded without a separate hoist
- Perforation and folding length adjustable from 8 to 15 inch, so one machine serves several dispenser formats

- Conveyor stacking delivers a square pile ready to band and palletise

Full page: <https://www.emersonmachinery.com/products/high-speed-fanfold-kraft-paper-folding-machine.html>

Fanfold Kraft Paper Folding Machine

Entry level fanfold folder at 90 m per minute on a 800 kg frame



The EM-PF500A is the straightforward way into fanfold kraft production. It perforates, cuts and folds a 470 mm kraft web automatically and stacks the pile on a conveyor, running at 90 m per minute. At 800 kg and 2800 mm long it is the smallest and lightest folder in the range, which makes it the practical first machine for a converter testing demand for fanfolded void fill.

Specification

Parameter	Value
Machine model	EM-PF500A
Max material width	470mm
Machine working speed	90m/min
Unwinding diameter	0-1200mm
Stacking system	By conveyor
Unwinding stand weight	1 Ton
Unwinding shaft	3" inflatable air shaft
Machine size	2800*1200*1300mm(LxWxH)
Machine weight	800KG
Power supply	380V 3 Phase

Key benefits

- Lowest entry cost and smallest footprint of the fanfold machines
- 800 kg on a 2800 x 1200 x 1300 mm frame, so it fits an existing converting hall
- Unwinding stand rated for a 1 tonne roll despite the compact frame
- Conveyor stacking produces the same dispenser-ready pile as the high speed machines

Full page: <https://www.emersonmachinery.com/products/fanfold-kraft-paper-folding-machine.html>

High Speed Fanfold Kraft Paper Folding Machine Model 800

The 780 mm wide build of the high speed folder for large format void fill



Model 800 is the wide build of the same high speed fanfold platform. It takes kraft paper up to 780 mm wide and runs at 150 m per minute, against 470 mm and 200 m per minute on the 500. The extra width is for customers whose dispensers or wrapping formats are larger, and the frame is built heavier at 2500 kg with 5 kW installed power to carry the wider web.

Specification

Parameter	Value
Machine model	SD-PF500B/PF800B
Max material width	470mm/780mm
Paper thickness	40-150gsm
Machine working speed	200m/min(model 800 150m/min)
Perforation and Folding length	8-15inch (Standard 11inch,need to change module)
Unwinding diameter	0-1200mm
Stacking system	By conveyor
Unwinding type	Automatic lifting system
Unwinding shaft	3" inflatable air shaft
Inverter and PLC	Local brand
Touch screen	Weinview brand
Motor	Local brand
Machine size	3500*1200*1600mm(LxWxH)/3500*1500*1600mm
Machine power	3.5kw/5 KW
Machine weight	2000KG/2500KG
Power supply	380V 3 Phase

Key benefits

- 780 mm working width, 310 mm more than the 500 build, for large format wrapping and void fill
- 150 m per minute keeps high volume contracts supplied at the wider format
- Heavier 2500 kg frame and 5 kW drive sized for the wider web

- Shares the perforation and folding module range with the 500, so spares and know-how carry over

Full page: <https://www.emersonmachinery.com/products/high-speed-fanfold-kraft-paper-folding-machine-model-800.html>

Fanfold Kraft Paper Folding Machine with C-Fold inline

Feeds two kraft rolls and C-folds them into a two layer fanfold in one pass



The EM-PF800A takes two rolls of kraft paper, C-folds them inline into a single two layer web, then perforates and fanfolds that web into a stack. The finished paper is much stronger at the surface than a single layer fanfold, which is what makes it usable as a cushioning material rather than only as void fill. It runs 800 mm wide at 150 m per minute on a 6500 mm frame weighing 3000 kg.

Specification

Parameter	Value
Machine model	EM-PF800A
Max material width	800mm
Machine working speed	150m/min
Unwinding diameter	0-1200mm
Stacking system	By conveyor
Unwinding stand weight	1 Ton
Unwinding shaft	3" inflatable air shaft
Machine size	6500*1600*1500mm(LxWxH)
Machine weight	3000KG
Power supply	380V 3 Phase

Key benefits

- Two roll feeding with inline C-folding produces a two layer web without a second machine
- The two layer surface is substantially stronger than single layer fanfold as cushioning
- 800 mm working width at 150 m per minute suits large format packing
- One pass from parent reels to banded stack, with no intermediate rewinding

Full page: <https://www.emersonmachinery.com/products/fanfold-kraft-paper-folding-machine-with-c-fold-inline.html>