



Product Catalogue

Every machine Emerson Machinery builds, with the published specification for each one. Honeycomb paper, paper bubble, fanfold kraft, paper cushion and paper shredding machinery.

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Fanfold Paper Folding Machine

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

4 machines in this family.

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>

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



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

- 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>

Honeycomb Paper Machine

Machines that die cut kraft into an expanding hexagonal cell wrap that cushions without scratching

5 machines in this family.

Kraft Honeycomb Paper Forming Machine

Die cuts and expands kraft paper into hexagonal honeycomb wrap at up to 200 m per minute



The EM-PH600 Kraft Honeycomb Paper Forming Machine unwinds, die cuts and rewinds honeycomb paper in a single process. The cut web expands into a hexagonal cell structure that stretches around a product and cushions it without scratching the surface, which is why it replaces plastic bubble wrap for fruit, flowers, ceramics and glassware. It runs paper from 70 g to 100 g at a speed adjustable from zero to 200 m per minute.

Specification

Parameter	Value
Machine model	EM-PH600
Max material width	515mm (508mm/20inch and 380mm/15inch width most)
Machine working speed	0-200m/min adjustable
Unwinding diameter	0-1200mm
Rewinding diameter	0-300mm
Unwinding roll weight	Max. 1 Ton
Unwinding shaft	3"inflatable air shaft
Rewinding shaft	1"/1.5"/2"/3" air shaft (choose either one,usually is 1.5")
Machine size	2600*1350*1300mm(LxWxH)
Machine weight	1500KG
Power supply	380V 3 Phase or as customer requirement

Key benefits

- Unwinding, die cutting and rewinding happen in one process, so no intermediate handling is needed
- Honeycomb wrap stretches and conforms, cushioning without scratching a polished or painted surface
- Automatic meter counting stops the machine at the roll length you set, so finished rolls are consistent

- Takes unwinding rolls up to 1200 mm diameter and 1 tonne, so roll changes are infrequent

Full page: <https://www.emersonmachinery.com/products/honeycomb-paper-forming-machine.html>

Flame Resistant Filter Paper Making Machine

Die cuts flame resistant kraft into filter media with room for inline stitching



The EM-PH800 is built around a customer requirement for filter media rather than packaging. It die cuts flame resistant or flame retardant kraft paper up to 700 mm wide and rewinds it into a roll that is used as filter material. The frame is deliberately longer between the die cutting module and the rewinder so that a stitching or sewing machine can be added into the process. The same machine still runs plain honeycomb and mesh paper for packaging work.

Specification

Parameter	Value
Machine model	EM-PH800
Max material width	700mm
Machine working speed	0-100m/min adjustable
Unwinding diameter	0-1200mm
Rewinding diameter	0-300mm(600mm for flame retardant paper)
Unwinding roll weight	Max. 1 Ton
Unwinding shaft	3"inflatable air shaft
Rewinding shaft	1"/1.5"/2"/3" air shaft (choose either one,usually is 1.5")
Machine size	3200*1350*1300mm(LxWxH)
Machine weight	1800KG
Power supply	380V 3 Phase or as customer requirement

Key benefits

- One frame covers two jobs: honeycomb packaging paper and flame resistant filter media
- Extended span between die cutting and rewinding leaves room for the customer's own stitching or sewing unit
- Rewinding diameter goes to 600 mm on flame retardant paper, against 300 mm on standard grades
- 700 mm working width suits filter element blanks that are wider than packaging wrap

Full page: <https://www.emersonmachinery.com/products/flame-resistant-filter-paper-making-machine.html>

Fully Automatic Kraft Honeycomb Paper Machine

Changes the finished roll, pulls the shaft and labels it without an operator



This is the newest generation of the honeycomb paper machine. On top of the automatic finished roll changing that the automatic model already has, it pulls the finished shaft out of the paper core and pastes the label, so the operator no longer has to feed a new shaft by hand. It runs the same EM-PH600 format, 515 mm wide at up to 200 m per minute, on a longer 4700 mm frame weighing 2500 kg.

Specification

Parameter	Value
Machine model	EM-PH600
Max material width	515mm (508mm/20inch and 380mm/15inch width most)
Machine working speed	0-200m/min adjustable
Unwinding diameter	0-1200mm
Rewinding diameter	0-300mm
Unwinding roll weight	Max. 1 Ton
Unwinding shaft	3"inflatable air shaft
Rewinding shaft	1"/1.5"/2"/3" air shaft (choose either one, usually is 1.5")
Machine size	4700*1500*1600mm(LxWxH)
Machine weight	2500KG
Power supply	380V 3 Phase or as customer requirement

Key benefits

- Finished shaft is pulled from the core automatically, removing the last manual step in the roll change
- Label is pasted inline, so finished rolls leave the machine already identified
- Same 200 m per minute output as the manual model with less operator time per roll
- One operator can supervise the line rather than stand at the rewinder

Full page: <https://www.emersonmachinery.com/products/fully-automatic-kraft-honeycomb-paper-machine.html>

Automatic Kraft Honeycomb Paper Machine

Five shaft paper loader changes the finished roll without stopping the line



This automatic honeycomb paper machine was designed around a customer request to stop losing time at the rewinder. A paper loader carrying five shafts lets the finished roll change over automatically, which saves both time and labour against the manual forming machine. It keeps the EM-PH600 format, 515 mm wide at up to 200 m per minute, on a 3500 mm frame at 1800 kg, and it costs less than the fully automatic version.

Specification

Parameter	Value
Machine model	EM-PH600
Max material width	515mm (508mm/20inch and 380mm/15inch width most)
Machine working speed	0-200m/min adjustable
Unwinding diameter	0-1200mm
Rewinding diameter	0-300mm
Unwinding roll weight	Max. 1 Ton
Unwinding shaft	3"inflatable air shaft
Rewinding shaft	1"/1.5"/2"/3" air shaft (choose either one,usually is 1.5")
Machine size	3500*1350*1300mm(LxWxH)
Machine weight	1800KG
Power supply	380V 3 Phase or as customer requirement

Key benefits

- Automatic finished roll changing removes the stop that a manual rewinder forces on every roll
- Five shafts in the loader mean the next core is always staged and ready
- Lower cost than the fully automatic machine while keeping the main labour saving
- Compact 3500 mm frame fits where the 4700 mm fully automatic line will not

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

Honeycomb Paper Core Sleeve Making Machine

Forms honeycomb paper into open sleeves that slide over bottles and fragile items



The EM-PC900 turns honeycomb paper into a core sleeve that opens out and slides over the item being packed. Because the sleeve expands rather than being wrapped tight, it cushions without scratching the surface, which is what makes it usable on bottles, fruit, flowers, ceramics and glassware. Cores are made from 50 g to 70 g paper between 200 mm and 900 mm long, and the feeding box holds 30 to 50 cores per group.

Specification

Parameter	Value
Machine model	EM-PC900
Paper thickness	50-70g
Machine working speed	4pcs-12pcs/min(if finished length is 220mm,can do 3pcs by one time,so speed is 12pcs/min)
Feeding box	30-50pcs cores feeding/group
Paper core height	10-15mm
Paper core width	80-160 layers (10-20mm)
Paper core length	200-900mm (220mm,350mm,450mm most common), if do 220mm,can be 4 cores feeding by one time, if 350mm,can be 2 cores feeding by one time
Power	3kw
Machine size	1500*800*1300mm(LxWxH)
Machine weight	500KG
Power supply	380V 3 Phase or as customer requirement

Key benefits

- Finished sleeves open easily and protect without marking a polished or printed surface
- Core length from 200 mm to 900 mm covers everything from a wine bottle to a long fragile part
- Multiple cores per cycle at shorter lengths: four at 220 mm, two at 350 mm
- Feeding box staged with 30 to 50 cores per group keeps the cycle running

Paper Bubble Making Machine

Heated embossing machines that form kraft into paper bubble wrap in roll or sheet form

4 machines in this family.

Paper Bubble Sheet Making Machine

Cuts embossed paper bubble wrap into stacked sheets at 300 pieces per minute



The EM-PB600 Paper Bubble Sheet Making Machine turns a roll of kraft paper into finished, stacked sheets of embossed paper bubble wrap in one pass. Where a roll machine hands you a coil that still has to be cut down, this line embosses, slits and cuts to sheet length, then delivers the pile on a conveyor ready to pack. At a 200 x 200 mm sheet size it runs at 300 pieces per minute on paper from 80 gsm to 180 gsm.

Specification

Parameter	Value
Machine model	EM-PB600
Max material width	600mm
Paper thickness	80gsm-180gsm
Machine working speed	300pcs/min (if 200x200mm each sheet)
Unwinding diameter	Max. 600mm
Unwinding shaft	3" inflatable air shaft
Conveyor	Yes
Slitting blade	2-3 pcs
Machine size	3500x1200x1600mm
Power	3kw
Machine weight	600KG

Key benefits

- Produces pack-ready sheets instead of rolls, so no second cutting step is needed downstream
- Runs 80 gsm to 180 gsm kraft, covering both light wrap and heavier interleaving grades
- Two to three slitting blades let one machine cover several sheet widths up to 600 mm

- Conveyor stacking keeps the operator away from the cutting zone and keeps piles square

Full page: <https://www.emersonmachinery.com/products/paper-bubble-sheet-making-machine.html>

Kraft Paper Bubble Making Machine

Embosses kraft into paper bubble wrap and winds it to a 1000 mm roll



The EM-PB800 embosses kraft paper between vertical upper and lower concave-convex rollers to form the bubble structure, heats it electrically to set the emboss, and rewinds the finished material into a roll up to 1000 mm in diameter. It takes paper from 60 gsm upward at up to 800 mm wide and runs at zero to 60 m per minute. The output is the roll of paper bubble wrap that e-commerce packing stations use in place of plastic film.

Specification

Parameter	Value
Machine model	EM-PB800
Max material width	800mm
Paper thickness	Min. 60gsm
Machine working speed	0-60m/min
Embossing form	vertical upper and lower concave-convex rollers
Heating model	Electric heating
Max Unwinding diameter	1200mm
Max Rewinding diameter	1000mm
Unwinding type	Automatic lifting system
Unwinding shaft	3" inflatable air shaft
Rewinding shaft	3" inflatable air shaft
Machine size	1500x1200x1400mm
Machine weight	1200KG

Key benefits

- 800 mm working width, the widest paper bubble format in the range
- Rewinds to a 1000 mm roll, so packing stations change rolls less often
- Automatic lifting unwinding system handles parent rolls up to 1200 mm without a hoist
- Electric heating with vertical concave-convex embossing rollers gives a consistent bubble form

Kraft Paper Bubble Machine

The EM-PB800 paper bubble platform set up for continuous roll converting



This listing covers the EM-PB800 kraft paper embossing machine as a roll converting asset: parent kraft in at up to 1200 mm diameter, finished embossed paper bubble out at up to 1000 mm diameter, 800 mm wide, at zero to 60 m per minute. It is the same platform as our kraft paper bubble making machine and is listed separately because buyers search for it under both names. The embossed paper bubble it produces is used widely in e-commerce packing.

Specification

Parameter	Value
Machine model	EM-PB800
Max material width	800mm
Paper thickness	Min. 60gsm
Machine working speed	0-60m/min
Embossing form	vertical upper and lower concave-convex rollers
Heating model	Electric heating
Max Unwinding diameter	1200mm
Max Rewinding diameter	1000mm
Unwinding type	Automatic lifting system
Unwinding shaft	3" inflatable air shaft
Rewinding shaft	3" inflatable air shaft
Machine size	1500x1200x1400mm
Machine weight	1200KG

Key benefits

- Built for continuous converting from parent reel to finished saleable roll
- Automatic lifting unwinding keeps parent roll changes off the operator's back
- 3 inch inflatable air shafts on both unwind and rewind simplify core stock
- 1200 kg on a 1500 x 1200 x 1400 mm footprint, compact for its output width

Mini Paper Bubble Making Machine

400 kg bench scale paper bubble machine for samples and low volume runs



The EM-PB600 Mini Paper Bubble Making Machine embosses recycled kraft into paper bubble wrap at 600 mm wide and zero to 45 m per minute. Unwinding is by hand and the finished roll winds to 300 mm, which keeps the machine at 400 kg on a 1200 x 800 x 1300 mm footprint. It is the machine to buy when you need real paper bubble material for samples, trials or a small packing operation without committing to a production line.

Specification

Parameter	Value
Machine model	EM-PB600
Max material width	600mm
Paper thickness	Min. 60gsm
Machine working speed	0-45m/min
Embossing form	vertical upper and lower concave-convex rollers
Heating model	Electric heating
Max Unwinding diameter	600mm
Max Rewinding diameter	300mm
Unwinding type	By manual
Unwinding shaft	3" inflatable air shaft
Rewinding shaft	3" inflatable air shaft
Machine size	1200x800x1300mm
Machine weight	400KG

Key benefits

- 400 kg and 1200 x 800 x 1300 mm, small enough for a sample room or a packing hall corner
- Runs recycled kraft from 60 gsm, the same material grade as the production machines
- Manual unwinding removes the cost and complexity of a lifting system
- Produces genuine embossed paper bubble for customer trials, not a mock-up

Paper Cushion Making Machine

A rewinding and cushion forming pair that prepares clean paper and forms pads at the bench

2 machines in this family.

Kraft Paper Rewinding Machine for Cushion Paper Making

Two roll rewinder that prepares flat clean single or double layer cushion paper



The EM-PR800 rewinds kraft paper at up to 760 mm wide and 80 m per minute, feeding from two unwinding positions so that one or two layers can be laid together. It exists to give the cushion making machine a clean, flat, evenly wound input: paper with no folds, wrinkles, holes or grit, so that pressing quality and finished product rate are not held back by the raw material.

Specification

Parameter	Value
Machine model	EM-PR800
Max material width	760mm
Machine working speed	0-80m/min adjustable
Unwinding and feeding	Two rolls unwinding
Unwinding diameter	Max. 1200mm
Rewinding diameter	Max. 300mm
Unwinding roll weight	Max. 1 Ton
Unwinding shaft	3" inflatable air shaft
Rewinding shaft	1"/1.5"/2"/3" air shaft (choose either one, usually is 1.5")
Machine size	L:8500xW:1200xH:2000mm
Machine weight	1500 KG

Key benefits

- Produces flat clean paper with no folds, wrinkles, holes or sand, so pressing quality is not compromised
- Two roll unwinding lays up a two layer web that cushions more strongly than one layer
- Hot pressing gives good elasticity and high flatness, raising the finished product rate

- Roll ends are flat with no more than two joints per roll

Full page: <https://www.emersonmachinery.com/products/kraft-paper-rewinding-machine-for-cushion-paper-making.html>

Kraft Paper Cushion Making Machine

Forms one or two layer kraft into cushion pads at the packing station



The kraft paper cushion making machine, also called a cushion pad forming machine, takes kraft paper in roll and forms it into a cushioning pad. It can run a single layer or a two layer web rewind on our paper rewinding machine, and two layers give a noticeably stronger cushion. At 100 kg and 1250 x 1000 x 850 mm it sits at the packing bench rather than in the converting hall, feeding 760 mm wide paper at 25 metres per minute.

Specification

Parameter	Value
Max material width	760mm
Machine working speed	25 meter/min
Paper thickness	70-80gsm,can be 1-2 ply feeding
Machine weight	100kgs
Machine size	L:1250xW:1000xH:850mm

Key benefits

- 100 kg on a 1250 x 1000 x 850 mm frame, so it belongs at the packing station not in a plant room
- Runs one or two ply, so cushioning strength is a paper choice rather than a machine change
- 760 mm feeding width covers most carton void fill formats
- Pads are formed on demand, so no finished cushioning has to be stored

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

Paper Shredding Machine

Shredders that cut kraft sheets into 3 mm crinkle strands for decorative filler and void fill

2 machines in this family.

Crinkle Paper Shredding Machine

Cuts kraft into 3 mm crinkle paper filler for gift boxes and bottle packaging



The EM-PS500 shreds kraft paper into crinkle paper, a light, fluffy decorative filler with distinct three dimensional strands that can be packed into any size of box. It takes sheets up to 480 mm wide from 14 gsm to 350 gsm and cuts them at 25 m per minute, normally to 3 mm wide. The finished paper is used as filler for gift boxes, glass bottles, wine packaging, electronics, ceramics and other fragile goods.

Specification

Parameter	Value
Machine model	EM-PS500
Max. feeding material width	480mm
Finished material width	Usually 3mm (if 2mm or 4mm or 6mm,need to change module)
Paper thickness	14-350gsm,Max. 8-10pcs/each time if thickness 70g
Machine working speed	25m/min(Adjustable)
Paper sheet feeding height	Max. 100mm
Machine power	3.2 KW
Machine weight	260 kg
Machine size	2500*820*960mm (LxWxH)
Wooden box size	810*900*1100mm (LxWxH) and conveyor 1600*780*565mm (LxWxH)
Power supply	380V 3 Phase,50hz or as customer requirement

Key benefits

- Crinkle paper is light and fluffy, so it fills a box volume at very low weight
- Strands stay distinct and three dimensional, which is what makes it a presentation material
- Wide 14 gsm to 350 gsm input range covers everything from tissue to board

- Fits any box size because the filler is packed loose rather than cut to shape

Full page: <https://www.emersonmachinery.com/products/crinkle-paper-shredding-machine.html>

Kraft Paper Shredding Machine

EM-PS500 shredder set up for kraft void fill production runs



This is the EM-PS500 paper shredding machine listed for kraft void fill work: sheets up to 480 mm wide from 14 gsm to 350 gsm, shredded at 25 m per minute into strands that are normally 3 mm wide. The finished shredded kraft is an environmentally friendly shock proof filler that goes into gift boxes, bottle packaging, electronics cartons and any shipper holding fragile goods.

Specification

Parameter	Value
Machine model	EM-PS500
Max. feeding material width	480mm
Finished material width	Usually 3mm (if 2mm or 4mm or 6mm,need to change module)
Paper thickness	14-350gsm,Max. 8-10pcs/each time if thickness 70g
Machine working speed	25m/min(Adjustable)
Paper sheet feeding height	Max. 100mm
Machine power	3.2 KW
Machine weight	260 kg
Machine size	2500*820*960mm (LxWxH)
Wooden box size	810*900*1100mm (LxWxH) and conveyor 1600*780*565mm (LxWxH)
Power supply	380V 3 Phase,50hz or as customer requirement

Key benefits

- Shredded kraft is a single material filler, so the whole carton goes into paper recycling
- Adjustable 25 m per minute working speed lets output be matched to the packing line
- Feed height up to 100 mm so a full stack of sheets can be loaded at once
- 260 kg and 2500 x 820 x 960 mm, small enough to sit next to the packing area

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