



Paper Bubble Making Machine Datasheet

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

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Who buys these machines

- Protective packaging converters
- E-commerce packers producing their own wrap
- Distributors building an own label range
- Packaging laboratories running trials

Problems this family solves

- Plastic bubble film has to be separated from paper waste by the receiver
- Imported paper bubble rolls carry freight cost on an almost weightless product
- Narrow rolls force frequent changes at the packing bench

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

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

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

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

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

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