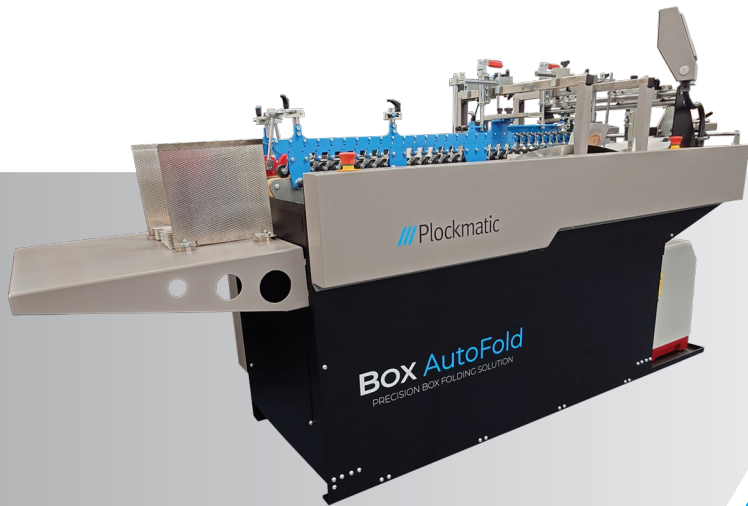




Plockmatic **Box AutoFold**

Compact, automatic folding and gluing system for digital print packaging production

Plockmatic **Box AutoFold**

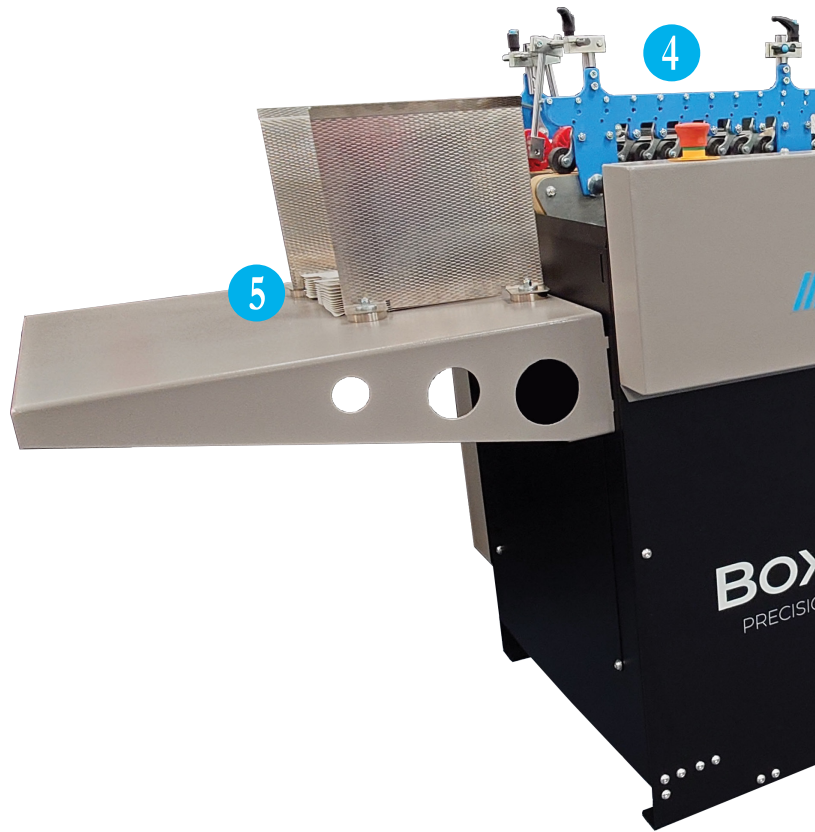
Box AutoFold focuses on the applications that digitally driven print providers need most; **repeatable folding** and **gluing** of common **straight-fold packaging** and presentation pieces, without the footprint or complexity associated with larger format equipment.

Digital print has changed packaging production. Shorter runs, more variation and faster turnaround are creating demand for a simpler way to fold and glue the most common packaging formats.

Compact, plug-and-play automatic folding and gluing is a 'must have' to finish multiple, lower-volume digital-print jobs with less manual labour. Traditional folder-gluer systems can be large, costly and complex to set up. **Box AutoFold** is designed to provide a more compact, approachable route to automated folding and gluing for digitally produced die-cut pieces.

A smarter fit for modern print production

- **Lower complexity** - a simplified rail system supports faster changeover between jobs
- **Better digital compatibility** - extended ploughs are designed around the realities of digitally cut media
- **Continuous operation** - bottom feeding allows top loading of additional die-cut sheets during production
- **Integrated control** - a touch screen interface brings the machines operating functions together in one place
- **Compact footprint** - a space-efficient design makes automated finishing easier to accommodate
- **Accessible investment** - a focused solution for printers and converters growing their packaging offer



Designed for the way d

Box AutoFold is engineered around the needs of digital print production. Its compact footprint, simplified setup and robust performance are critical.

1

Load & Feed

Your printed die-cut packaging pieces are loaded into the top of auto sheet feeder. The bottom feed system supports a continuous material flow through the machine

2

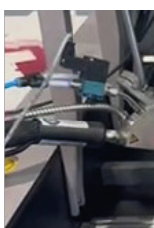
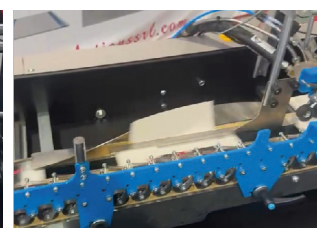
First Plough Fold

The first extended folding plough guides one side of your die-cut job's panels through the required straight fold sequence

3

Glue

Reliable German-made hot melt glue head applies support from the bottom



Plockmatic **Box AutoFold**



Compact by design. Practical by nature.

Its compact form factor is intended to fit more easily into an existing finishing department, while the simplified setup helps reduce the barrier to taking on new packaging work.

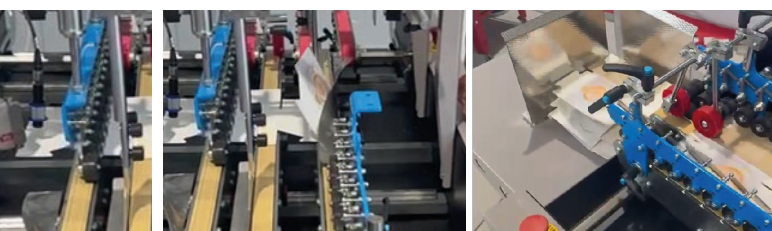
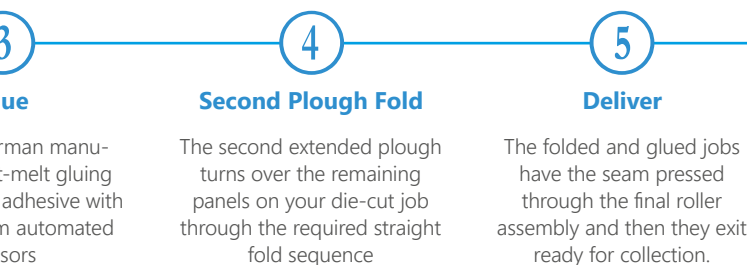
That makes it a natural step for businesses looking to add value to digital print, keep more finishing in-house and respond economically to short-run packaging demand.

Simple automation Serious capabilities

- **Automatic folding and gluing for straight fold applications**
Process die-cut blanks straight into straight line boxes, packaging, folders and point of sale items with a focused machine architecture
- **Auto-sheet feeder with continuous bottom feed**
The bottom feed auto-sheet feeder is designed for continuous production. Operators can top-load additional die-cut sheets while the feeder continues to draw from the bottom
- **Two extended folding ploughs for difficult digital creases**
Longer ploughs support a wider range of die-cut media, including digitally cut work where creases can be less defined than those produced by traditional platen die-cutters
- **Hot melt gluing head - German quality with automated sensing**
A high quality German hot-melt gluing head, combined with self aware fully automated sensors, is intended to make adhesive application more controlled and repeatable
- **Simplified rail system for faster changeover**
A simplified rail system reduces the complexity of job setup, helping operators move more quickly between different box and packaging formats

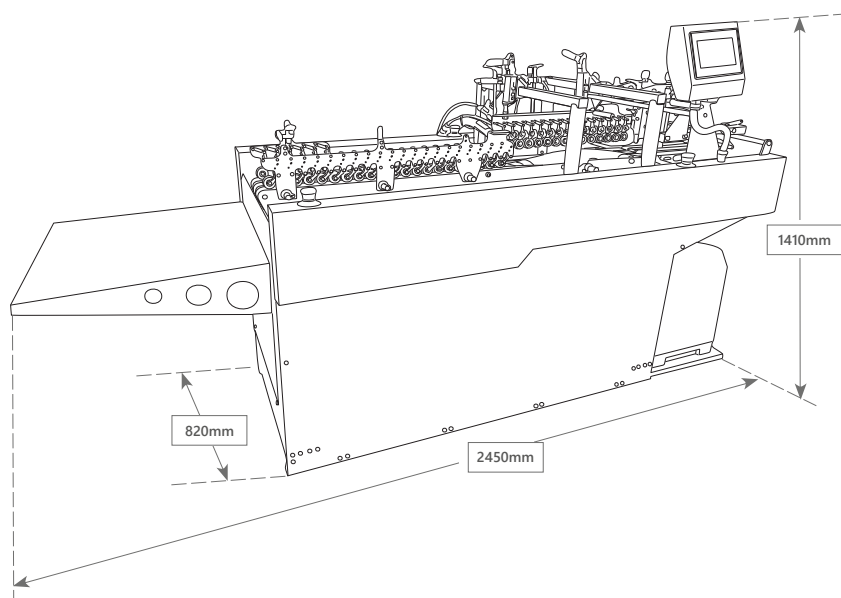
Digital work is produced

production, where jobs are shorter, more varied and turnaround is enhanced help you deliver consistent results with fewer manual steps.



Technical Specifications

Plockmatic Box AutoFold	
Maximum sheet size:	width: 250mm (9.8") x length 420mm (16.5")
Minimum sheet size:	width: 90mm (3.5") x length:90mm (3.5")
Media thickness:	250μ to 450μ micron
Feeding system:	Top loading continuous friction feeder
Mechanical speed:	25m/min (82 ft/min)
Total counter and hourly speed rate:	Counts
Folding and gluing unit:	1 unit with narrow conveyor belts for parallel fold, up to 450μ on short grain direction
Folding tools:	Kit for folding straight line boxes of various sizes
Feeder system:	Continuous belt feeder with adjustable feeder belts
Delivery system:	Delivery table. Magnetic stacker guides provides easy positioning & stacking of finished boxes
Compressed air:	Compressor supplied
Power requirements:	220-240v 50/60Hz 1,5Kw and 4,5Kw hot melt system
Machine dimensions:	H 1410mm (55.5") x W 2450mm (96.5") x D 820mm (32")
Weight:	469kg



*Disclaimer As part of our continuous product improvement program, the specifications and information published here are subject to change without notice. All specifications depend on the application, media type, temperature, relative humidity, and the print engine used. The stated specifications were measured using uncoated, unprinted media. E & OE.