kohmann
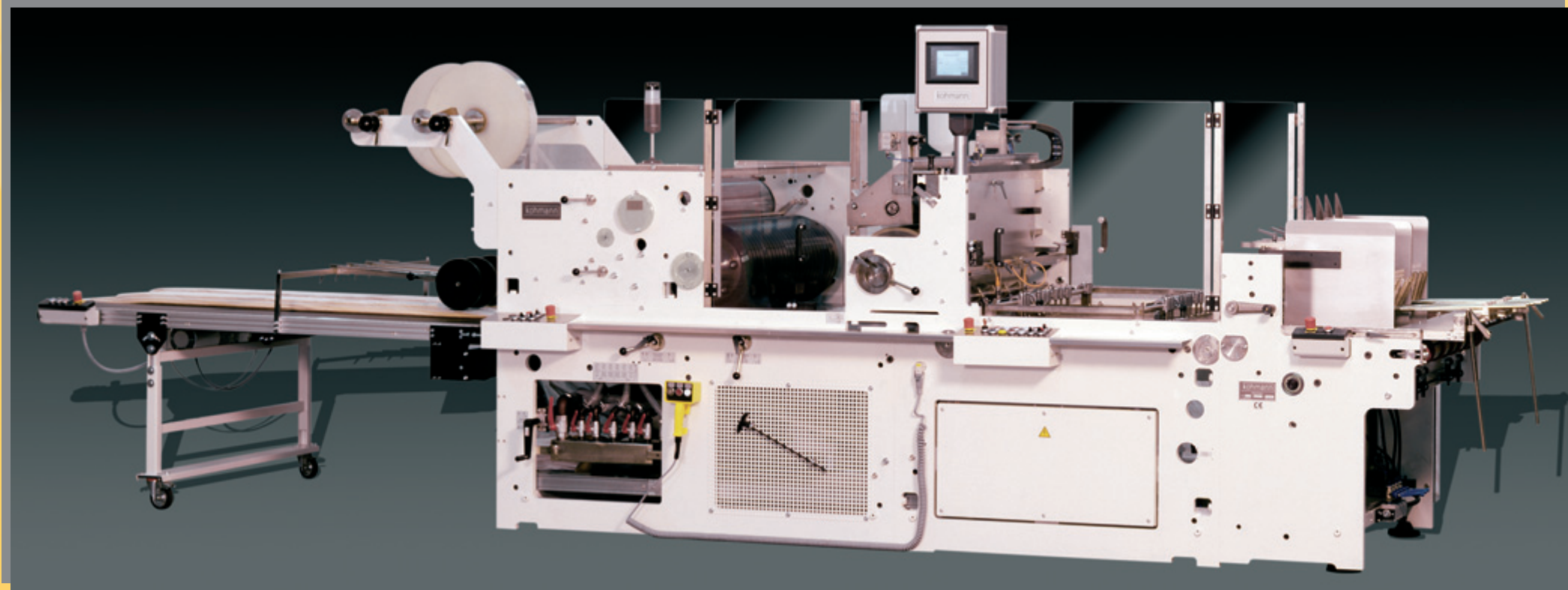
▸ **F–1100 Universal**
▸ **F–1400 Universal**
Window Patching Machine
for Cardboard Packaging

▸ **Always a clear view**

▶ Universal

Innovative technology combined with proven engineering offer **the best in productivity and efficiency**. Low investment costs and high processing performance **guarantee future success**. These principles guide the design of our window patching machines.

▶ Convincing

- Short set-up times thanks to computer-aided setting assistance
- Direct drive on film infeed for shortest setting-up times
- Various feeder concepts; option of batch or belt lifter system
- Operator friendly thanks to data input via touch screen panel
- Multi-purpose options available
- electronic feeder, servo-driven with automatic speed compensation

▶ Proven

The single roller glue unit is fully retractable and ensures clean production.
Optimum processing due to small glue surface. Very little residue to be disposed of when the work is finished.

▶ High-performance

Large cylinder diameters and compatible machine components guarantee **high machine performance**. Numerous sensors for **quality** assurance reduce downtimes and prevent interruptions in downstream process stages.

▶ Flexible

Whether you require a simple window on a standard blank or a more complicated "pick & place" process on high-quality board: Our design allows the **use of all additional equipment**, either installed in our factory or retrofitted at a later point in time.

▶ Innovative

Data input with a graphics-capable touch screen, PLC control to monitor the machine's functions and servo motor drives to **reduce set-up time** guarantee effective work and are therefore fixed components in the machine.

▶ Specifications:

Adjustment range, single stream operation

			F–1100	F–1400
		min	max.	max.
Blank length,	mm	100	1020	1020
	inch	$3^{15}/_{16}$"	$40^{1}/_{8}$"	$40^{1}/_{8}$"
Blank width,	mm	80	1120	1440
	inch	$3^{1}/_{8}$"	$44^{1}/_{8}$"	$56^{11}/_{16}$"
Film length,	mm	50	720	720
	inch	$1^{15}/_{16}$"	$28^{5}/_{16}$"	$28^{5}/_{16}$"
Film width,	mm	30	840	1140
	inch	$1^{3}/_{16}$"	$33^{1}/_{16}$"	$44^{7}/_{8}$"

Adjustment range, double stream operation

			F–1100	F–1400
		min	max.	max.
Blank width,	mm	80	545	705
	inch	$3^{1}/_{8}$"	$21^{1}/_{4}$"	$27^{3}/_{4}$"
Film width,	mm	30	depending on blank position	
	inch	$1^{3}/_{16}$"		

Total power consumption: 20–25 kW

Output figures
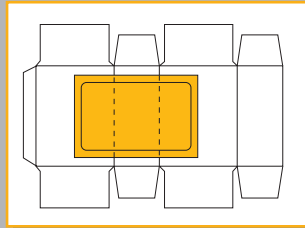
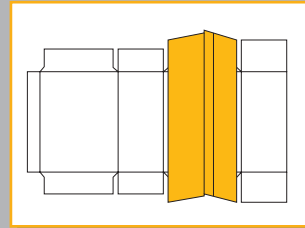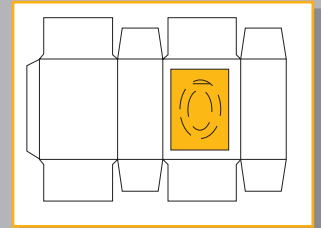|	F–1100/F–1400	
	1–stream	2–stream
1-up operation, blanks over 475 mm (>18.7")	max. 200 pcs/min.	max. 400 pcs/min.
2-up operation, blanks under 475 mm (<18.7")	max. 400 pcs/min.	max. 800 pcs/min.
3-up operation (optional), blanks under 320 mm (<12.6")	max. 600 pcs/min.	max. 1200 pcs/min.

Änderungen vorbehalten / Subject to change

Normal window

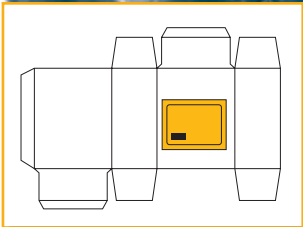**Continuous or crease perforation**
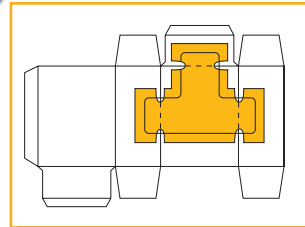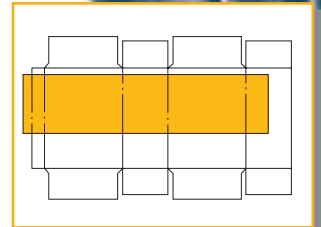
sealed inner tube

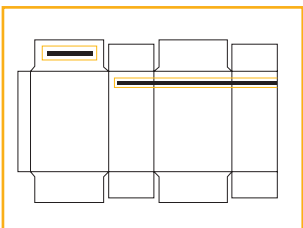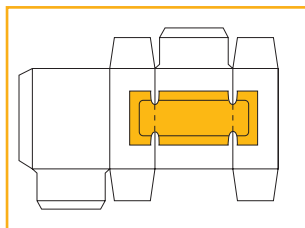**Form slitting**

Pre-printed foil

Lining material
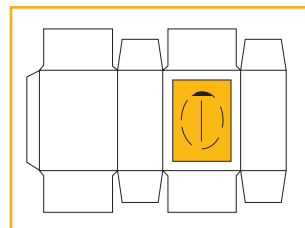
Score with cut-out

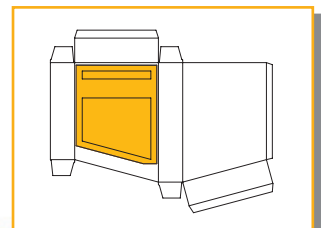**Inner partition placement**

Carrier handle and/or tear strip

Scoring with punch-out coming from the reel or as a blank

Continuous or intermittent length slitting perforation

Oblique window

▶ Our Product Range:

- Window patching machines for carton blanks
- Film sealing machines for Gable Top Cartons
- Folding box gluing machines
- Automatic stacking systems for
  - window patcher
  - narrow web flexo printing machines
- Compact dics sleeve machines
- CD/DVD tray placing machine
- Machines for special applications

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