

TOPRA GD FFG Inline

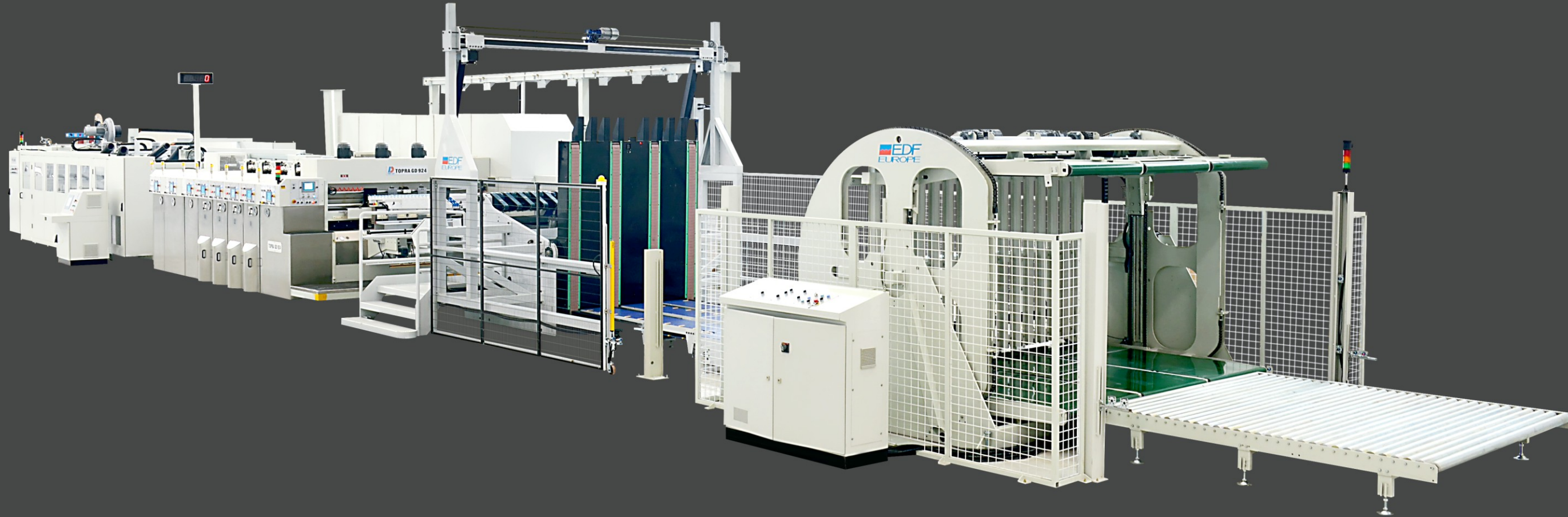
With international design philosophy and CE certified; Touch screen PLC for machine set-up, remote diagnose for fast trouble shooting; Movable units, lead edge feeding system, vacuum sheet transfer; Hot air, IR or UV dryer system are optional; Central dust collecting system.

Be adaptable to inline work with pre-feeder and strapping machine to achieve the full-automatic converting line from printing, slotting, die-cutting, folding-gluing to strapping.



Pile Turner

Be able to turn over the paperboard pile, connected with Prefeeder, facilitate to work with top printing machine.



Prefeeder

- Applicable for major brands of bottom printing machines on the market.
- Be able to work with top printing machine when equipped with Pile Turner.



Feeder Unit

- Lead edge feeder with adjustable feeding stroke.
- Roll-to-roll sheet transfer, with brushes and blowers to remove dust from the printing surface of the paperboard.
- Vacuum transfer, extended sheet cleaning system including anti-static bar, multiple brushes and multi-sectional blowers to remove the dust from the printing surface of the paperboards(Optional).



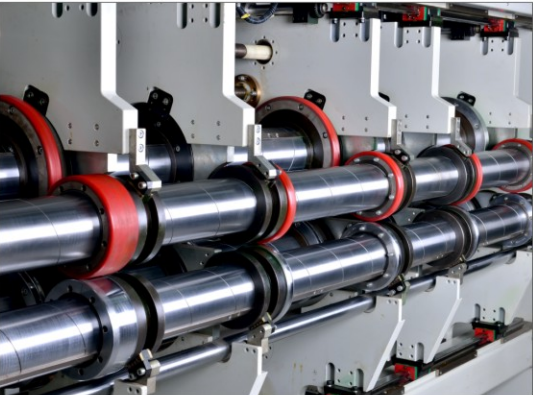
Printer Unit

- Vacuum transfer system with rollers.
- Quick-lock or Matthews plate mounting system.
- Roll-to-roll or single doctor blade inking system.
- Auto washing system with reset function.



Dwell Transfer Unit

- Hot air, IR or UV dryer system (Optional).
- IR dryer can be adjusted according to the dimension of paperboard.



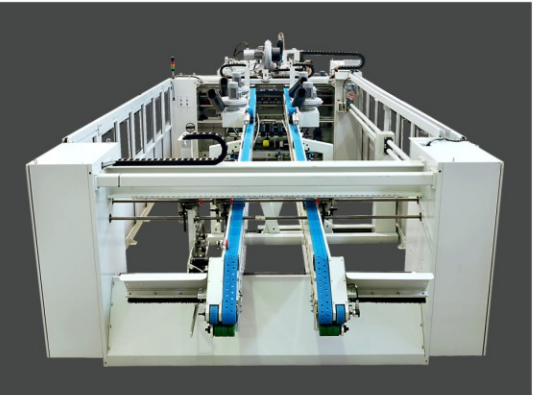
Slotter Unit

- Single shaft slotter unit, with pre-creaser and creaser to minimize score cracking.
- The slotting boss moves along linear bearing driven by lead screws for more flexible and precise movement.
- Single shaft slotter unit with double creasers, linear guides driven by lead screws to assure better folding accuracy (Optional).



Die-cutter Unit

- Independent motor drive compensates speed of anvil cylinder at range of $\pm 3\text{mm}$.
- Anvil trimming device keeps surface of anvil cover flat and smooth.
- Side to side oscillation of anvil cylinder (50mm).
- Quick die mounting system (Optional).



Folder Unit

- Picking up paperboard with elastic rubber wheels, extended vacuum suction belts for more stable transfer.
- Special bend guide and forming wheels structure to increase folding quality.



Counter Ejector

- Up loading counter ejector.
- Servo drive system for precise bundle control.

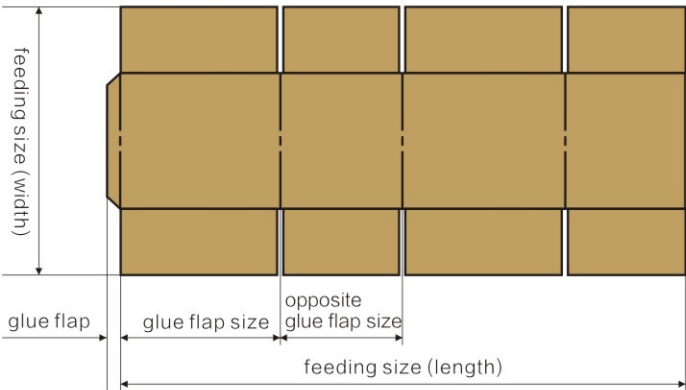
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TOPRA GD Technical Specification

Item		920	924	1224	1228	1624	1628	1632
Max. machine speed (pcs/min)		280	280	250	230	180	180	160
Feeding accuracy (mm)		± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0
Min. feeding size (mm)		300 × 600	300 × 600	350 × 600	350 × 600	450 × 600	450 × 600	450 × 600
Max. feeding size (mm)		900 × 2000	900 × 2400	1200 × 2400	1200 × 2800	1600 × 2400	1600 × 2800	1600 × 3200
Skip feeding size (mm)		1200 × 2000	1200 × 2400	1500 × 2400	1500 × 2800	2000 × 2400	2000 × 2800	2000 × 3200
Max. printing size (mm)	Without deviation correction	880 × 1960	880 × 2360	1180 × 2360	1180 × 2760	1580 × 2360	1580 × 2760	1580 × 3160
	With deviation correction	870 × 1900	870 × 2300	1170 × 2300	1170 × 2700	1570 × 2300	1570 × 2700	1570 × 3100
Printing accuracy (mm)		± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5
Printing plate thickness (mm)		6/7.2	6/7.2	6/7.2	6/7.2	6/7.2	6/7.2	6/7.2
Min. slotting space (single-shaft)	Normal knife	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130
	Reverse knife	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65
Min. slotting space (double-shaft)	Normal knife	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130
	Reverse knife	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65
Max. slotting depth (mm)		250	250	300	300	400	400	400
Slotting accuracy (mm)		± 1.5	± 1.5	± 1.5	± 1.5	± 1.5	± 1.5	± 1.5
Die-cutting accuracy (mm)		± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0

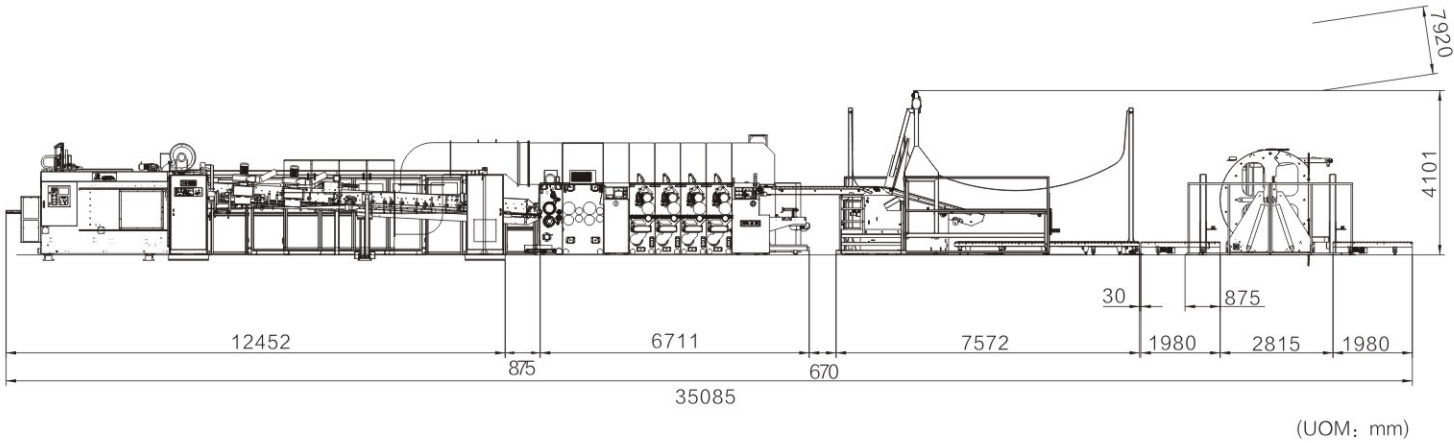
Folder Gluer Technical Specification

Item	FFG 2000		FFG 2400		FFG 2800
	GD 920	GD 924	GD 1224	GD 1228	
Max. machine speed (pcs/min)	280	280	250	230	
Min. feeding size (mm)	300 × 650	300 × 650	350 × 650	350 × 650	
Max. feeding size (mm) (including glue flap width 45)	900 × 2000	900 × 2400	1200 × 2400	1200 × 2800	
Max. printing size (mm)	Without deviation correction	880 × 1960	880 × 2360	1180 × 2360	1180 × 2760
	With deviation correction	870 × 1900	870 × 2300	1170 × 2300	1170 × 2700
Max. panel size (mm)	Glue flap side 810	Glue flap side 1010	Glue flap side 1010	Glue flap side 1100	
	Opposite glue flap side 810	Opposite glue flap side 1010	Opposite glue flap side 1010	Opposite glue flap side 1010	
Min. slotting space (Normal knife) (mm)	Glue flap side 130	Glue flap side 130	Glue flap side 130	Glue flap side 130	
	Opposite glue flap side 130	Opposite glue flap side 130	Opposite glue flap side 130	Opposite glue flap side 130	
Glue flap width (mm)	<45	<45	<45	<45	



Counter ejector	Counting pieces from 5 to 30 each bundles. Max. bundle height 300 mm.	
	No. of box each bundle (pcs)	Max. machine speed (pcs/min)
	5	75
	10	150
	15	225
	20	300
	>25	350

**In case of technical improvement, the specification and mechanical structure may modify without advance notification. All technical details and descriptions are subject to the written contract.



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