



Features:

Produced by Euramerican design philosophy and CE certified, TOPRA AD features movable units and roll-to-roll sheet transfer. With remarkable ink saving function, the machine is energy-efficient. Touch screen PLC is equipped for frequent order store, remote maintenance and fast trouble shooting. Gap adjustment of pull rolls, impressing rolls, rubber rolls and anilox rolls applies self-lock. Automatic lubrication system keeps lubricant of all units at the same level.

Applicable to kraft paperboard printing.
Adaptable to inline work with stacker or folder gluer.

Feeder Unit

- Continuous and skip feeding are available.
- Lead edge feeder with adjustable feed stroke.
- Variable frequency drive control of vacuum suction and pressure to match different sizes of paperboard.
- Integral vacuum sheet cleaner with two rows of brushes for removing dust from the print surface of the paperboard.

Printer Unit

- Roll-to-roll sheet transfer.
- Matthews or quick-lock plate mounting system (Alternative).
- Printing registration accuracy $\pm 0.5\text{mm}$.
- Doctor blade (chamber or single) or Roll-to-roll inking system.
- Dual diaphragm pump for ink supply (Doctor blade inking system).
- Single diaphragm pump for ink supply (Roll-to-roll inking system).
- Auto washing system included with wash-while-run capability for fast and efficient ink cleanup.
- Auto register reset system after printing plates are cleaned.
- Ink saving function: 0.4-0.5kg of ink can be saved each time when change or wash the ink (for roll to roll inking system).
- Quick-set pull collars.

Single-Shaft Slotter Unit

- Single shaft with double knives, the internal gear drive adjusts the height of the box and prevents the lubricant oil from spilling or leaking onto the paperboard.
- The slotting boss moves along linear bearing driven by lead screws for more flexible and precise movement.
- The structure of the glue tab knives can cut 3-layer or 5-layer paperboard without adjustment.
- Pre-creaser and creaser to minimize score cracking and promote better folding accuracy.
- Hand hole-punching dies are available.
- Single Shaft Double Creaser (Optional). Normal Creaser plus Big Creaser may optimize creasing on thick and heavy paperboard, results on better folding.

Single-Shaft with Double Creasers Slotter Unit (Optional)

- Single shaft with double creasers, improve the box shaping and folding.
- The slotting boss moves along linear guides driven by lead screws for more flexible and precise movement.
- The structure of the glue tab knives can cut 3-layer or 5-layer paperboard without adjustment.
- Pre-creaser, big creaser and creaser to improve the creasing quality, minimize score cracking and promote better folding accuracy.
- Hand hole-punching dies are available for option.

Die-cutter Unit

- Quick die mount system (Optional).
- Side to side oscillation of anvil cylinder(50mm).
- Anvil trimming device keeps surface of anvil cover flat and smooth. Anvil drum speed can be controlled to keep cartons and die cutting plate identical.
- Independent motor drive compensates speed of anvil drum at range of $\pm 3\text{mm}$ when printing of normal cartons is performed.

Item	Model	TOPRA AD920	TOPRA AD924	TOPRA AD1224	TOPRA AD1228	TOPRA AD1624	TOPRA AD1628	TOPRA AD1632
Max. machine speed(pcs/min)		300	280	250	230	180	180	180
Max. feeding size(mm)		900×2000	900×2400	1200×2400	1200×2800	1600×2400	1600×2800	1600×3200
Min. feeding size(mm)		260×600	260×600	300×600	300×600	450×600	450×600	450×600
Skip feeding size (mm)		1200×2000	1200×2400	1500×2400	1500×2800	2000×2400	2000×2800	2000×3200
Max. printing size (mm)		900×1960	900×2360	1200×2360	1200×2760	1600×2360	1600×2760	1600×3160
Printing plate thickness (mm)		7.2	7.2	7.2	7.2	7.2	7.2	7.2
Min. slotting space (single-shaft/single-shaft double creasers)	Normal knife(mm)	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130
	R reverse knife(mm)	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65
Min. slotting Space (Double-Shaft)	Normal knife(mm)	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130
	R reverse knife(mm)	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65	230×65×230×65
Max. slotting depth(mm)		250	250	300	300	400	400	400

Specifications subject to change without advance notification.



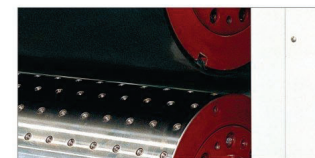
Feeder Unit



Printer Unit

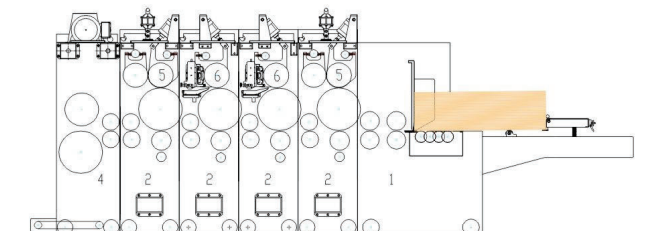
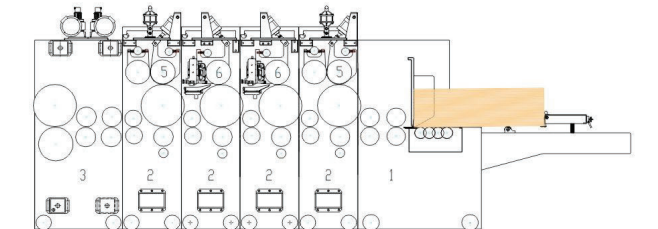
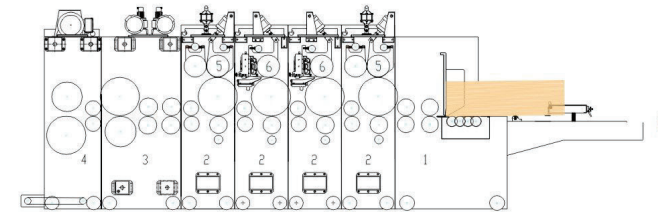


Single-Shaft Slotter Unit



Die-cutter Unit

1. Feeder Unit
2. Printer Unit
3. Single-Shaft Slotter Unit
4. Die-cutter Unit
5. Rubber roll inking system
6. Doctor blade inking system



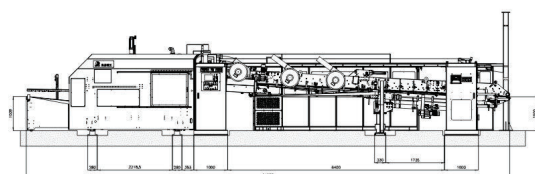
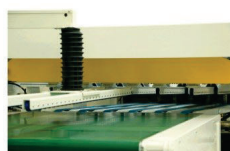
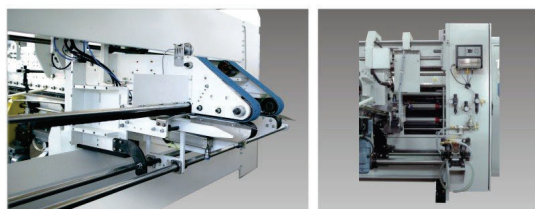


Features:

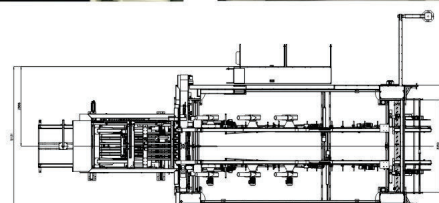
- Folder Gluer for top printing machine.
- New Design Concept: Real thickness pressure adjustment for no crush box transportation, not necessary manual adjustment, especially at the cardboard thickness change.
- Top transfer belts combined with pulley section and vacuum section.
- Bottom transfer belts driven by the independent motors for precise sheet control.
- New "Sandwich Belts" and "Side Squaring Belts" improve the fishtail and gap on box.
- Glue extrusion system: VALCO, ERO (Optional).
- Counter ejector is driven by the servo motors which control the quantity of the papers accurately.

Models Suited to TOPRA FG

- TOPRA GD: 920,924,1224,1228
- TOPRA AD: 920,924,1224,1228



TOPRA FG 2800 (Standard)



Main Specification

Item	Model	FG 2000	FG 2400		FG 2800
		GD 920	GD 924	GD 1224	GD 1228
Max. machine speed(pcs/min)		280	280	250	230
Min. feeding size(mm)		300×600	300×600	350×600	350×600
Max. feeding size(mm) (glue flap width 45 included)		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 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	Opposite glue flap side 1100
Min. slotting space (normal knife)(mm)	Glue flap side 130	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	Opposite glue flap side 130
Min. slotting space (reverse knife)(mm)	Glue flap side 230	Glue flap side 230	Glue flap side 230	Glue flap side 230	Glue flap side 230
	Opposite glue flap side 65	Opposite glue flap side 65	Opposite glue flap side 65	Opposite glue flap side 65	Opposite glue flap side 65
Glue flap width(mm)		< 45	< 45	< 45	< 45

Specifications subject to change without advance notification.

Counting stacking machine	Counting(pcs/per bundle)	5, 10, 15, 20, 25, 30
	5pcs	125(pcs/min)
	10 pcs	250(pcs/min)
	15 pcs	350(pcs/min)
	20 pcs	350(pcs/min)
	> 25 pcs	350(pcs/min)
Paperboard ejection height(mm)		1000

