



Features:

Produced by Euramerican design philosophy and CE certified, TOPRA GD features movable units, vacuum sheet transfer and accurate transmission of warp corrugated paperboard, which considerably upgrade printing register. Optional drying devices of hot air, IR or UV facilitate full screen coated paper printing. Touch screen PLC is equipped for frequent order store, remote maintenance and fast trouble shooting. Automatic lubrication system keeps lubricant of all units at the same level. Furthermore, central dust collecting system is installed. Applicable to screen printing on coated paperboards or normal printing on kraft paperboards. 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.
- Vacuum transfer(Optional).

Printer Unit

- Vacuum transfer system with rollers.
- Matthews or quick-lock plate mounting system (Alternative).
- First to last print registration of ± 0.5 mm.
- Doctor blade (chamber or single) or roll-to-roll inking system.
- Recycling system of double-acting diaphragm pump to supply and return ink.
- 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).
- Highly-efficient and environment-protective: recycling system of dual ink pumps and doctor blade; Ink on anilox roll and in doctor blade chamber can be reclaimed and washed in a short time (10 minutes), saving water resources.
- Inter-station hot air dryer or IR dryer can be installed in each printer unit (Optional).

Note: Correcting device for tilted printing plate(Optional),
Max. printing area refers to model TOPRAPD-S.

Dwell Transfer Unit

- Hot air dryer, flexo IR dryer or UV curing system can be installed in the last dwell unit(Optional).

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.

Double-Shaft Slotter Unit (Optional)

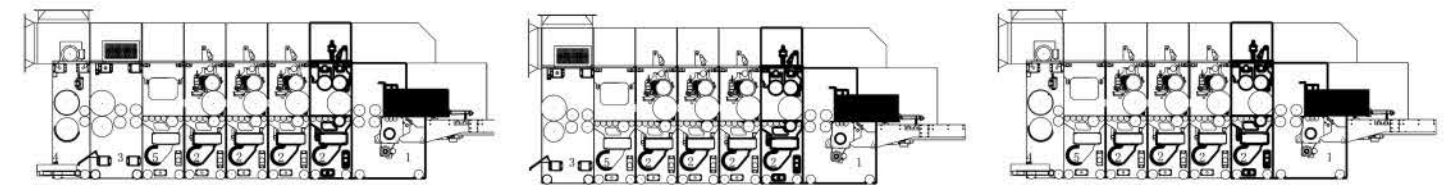
- Knives do not need to be removed when slotting larger size paperboard and during skip feeding.
- The slotting boss moves along linear guides driven by lead screws for more flexible and precise movement.
- The structure of the glue tab knives can cut 3-layer or 5-layer paperboard without adjustment.
- Pre-creaser and creaser to minimize score cracking and promote better folding accuracy.
- Hand hole-punching dies are available.

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; Automatic speed compensation control of anvil drum keeps cartons and die cutting plate identical.
- Independent motor drive compensates speed of anvil drum at range of ± 3 mm when printing of normal cartons is performed.

Item	Model	TOPRAGD 920	TOPRAGD 924	TOPRAGD 1224	TOPRAGD 1228	TOPRAGD 1624	TOPRAGD 1628	TOPRAGD 1632
Max.machine speed(pcs/min)		280	280	250	230	180	180	160
Max.feeding size(mm)		900×2000	900×2400	1200×2400	1200×2800	1600×2400	1600×2800	1600×3200
Min.feeding size(mm)		300×600	300×600	350×600	350×600	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)	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
	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
	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.



1.Feeder Unit 2.Printer Unit 3.Single-Shaft Slotter Unit 4.Die-cutter Unit 5.Dwell Transfer Unit



Feeder Unit



Die-cutter Unit



Slotter Unit



Printer Unit



Printer Unit



Dwell Transfer Unit