



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 aniloxils 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.
- Mathews 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
		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
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
		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
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

