



General features

- ▶ CE certificated machine designed with advanced concept, made according to European standards with TAI YI many year experience.
- ▶ All units are motorized for opening and closing , with warning alarm system to ensure safety.
- ▶ Independent computer (PLC) control is able to store different orders, enable quick order change.
- ▶ The gaps between rolls are motorized with PLC control.

Feeder Unit

- ▶ Continuous or skip feeding is available with counter.
- ▶ Lead Edge Feeder with motorized feeding stroke adjust and reduce the pull roll pressure.
- ▶ Original imported SUN Lead Edge Feeder to promise long – term feeding precision and stability.
- ▶ Several row brushes and anti–static system to keep the paperboard clean before coming into printer unit, printing quality promised.
- ▶ Main motor is protected from start–up when units are not fully closed and locked.

Printer Unit with Vacuum Transfer

- ▶ Vacuum for paperboard transfer, ceramic–coated transfer wheel for increasing the friction and service life.
- ▶ Printing register adjustment is servo motor driven.
- ▶ Imported Doctor–blade inking system is available. (Optional)
- ▶ IR system for drying is available. (Optional)

Dryer Unit (Independent infrared dryer as optional)

- ▶ IR lamp is segmented control. So you could control the lamp according to paperboard width to save power.
- ▶ IR dryer cause the top white coated paperboard surface to dry very quickly. So ink smear will not happen, and also the machine speed improved with high quality product.

Quick Drying, Intelligent, Safety and Reliable

Slotter Unit (Single shaft with double slotting knives)

- ▶ Internal gear structure adjusts the height of the carton box and prevents the lubricant oil from spilling or leaking onto the paperboard.
- ▶ Slotting bosses move along linear lead rails and are driven by lead screws for flexible and precise movement.
- ▶ Lateral movement of the pre–creasing roll, creasing roll and slotting bosses are digitally controlled by motor and PLC.
- ▶ Double creasers slotter unit: use large creasing structure, more perfect creasing effect; the outer is made of urethane, which will not damage the paperboard.

More Creasing, Higher Slotting Precision

Rotary Die–cutter Unit (Servo Drive Optional)

- ▶ 50mm side to side oscillation of anvil cylinder device.
- ▶ Anvil cylinder speed compensation achieved by adopting independent motor , the compensation scope is $\pm 3.5\text{mm}$.
- ▶ Anvil cover trimming system to keep surface flat and smooth.

Make Every Die–Cutting Smooth and Clean

Vibrator & Auto Stacker

- ▶ Cleaning section adopts independent motor. There are three vibrating points on vibrating shaft to fasten the vibrating frequency.
- ▶ Vibrating belts, which controlled by independent speed motor, adopting wrinkled imported belts that protect paperboard from damage.
- ▶ Cleaning section back–end adopts air blower and brush devices, which also help to shake the wastepaper off and clean completely.
- ▶ The connection arm can be manual or automatic operated.
- ▶ Air compressed sheet catching arm: when the paperboard piled up to the set height, the catching arm will stretch out automatically to hold the paperboard.
- ▶ Tension of the transfer belt at the connection arm can be adjusted individually, no equal length restriction.

Main Specifications

Model	T-GC618	T-GC920	T-GC924	T-GC1224	T-GC1228	T-GC1428	T-GC1628	T-GC1632	T-GC1636
Max. Speed (pcs/min)	350	300	300	250	230	220	180	180	160
Max. Feeding Size (mm)	600 × 1800	900 × 2000	900 × 2400	1200 × 2400	1200 × 2800	1400 × 2800	1600 × 2800	1600 × 3200	1600 × 3600
Min. Feeding Size (mm)	200 × 435	270 × 600	270 × 600	320 × 600	320 × 600	365 × 600	450 × 600	450 × 600	450 × 600
Skip Feeding (mm)	800 × 1800	1200 × 2000	1200 × 2400	1500 × 2400	1500 × 2800	1700 × 2800	1900 × 2800	1900 × 3200	1900 × 3600
Max. Printing Size (mm)	600 × 1760	900 × 1960	900 × 2360	1200 × 2360	1200 × 2760	1400 × 2760	1600 × 2760	1600 × 3160	1600 × 3560
Min. Slotting (L:mm)	180 × 55 × 180 × 55	240 × 65 × 240 × 65	240 × 65 × 240 × 65	260 × 65 × 260 × 65	260 × 65 × 260 × 65	260 × 65 × 260 × 65	260 × 65 × 260 × 65	260 × 65 × 260 × 65	260 × 65 × 260 × 65
Min. Slotting (R:mm)	110 × 110 × 110 × 110	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	130 × 130 × 130 × 130
Max. Slotting Depth (mm)	200	250	250	300	300	350	400	400	400

In case the technical improvement and changes without further notice, subject to contract.



Feeder Unit



Printer Unit



Printer Unit



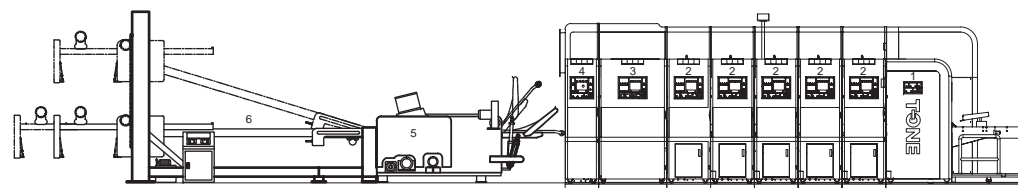
Dryer Unit



Slotter Unit



Die-cutter Unit



1. Feeder 2. Printer 3. Slotter 4. Die-cutter 5. Vibrator 6. Stacker