



Main Specification

Model	TD920	TD1224	TD1228	TD1426	TD1628	TD1632	TD2236	TD2242	TD2636
Max. Machine Speed (pcs/minute)	300	250	230	200	180	180	140	130	100
Max. Feeding Size (mm)	900 x 2000	1200 x 2400	1200 x 2800	1400 x 2600	1600 x 2800	1600 x 3200	2200 x 3600	2200 x 4200	2600 x 3600
Min. Feeding Size (mm)	260 x 600	320 x 600	320 x 600	420 x 600	450 x 600	450 x 600	500 x 700	500 x 700	500 x 700
Skip Feeding Size (mm)	1200 x 2000	1500 x 2400	1500 x 2800	1700 x 2600	1900 x 2800	1900 x 3200	2500 x 3600	2500 x 4200	2800 x 3600
Max. Printing Size (mm)	900 x 1960	1200 x 2360	1200 x 2760	1400 x 2560	1600 x 2760	1600 x 3160	2200 x 3560	2200 x 4160	2500 x 3560
Min. Slotting size (R: mm)	240 x 65 x 240 x 65	260 x 65 x 260 x 65	260 x 65 x 260 x 65	260 x 65 x 260 x 65	260 x 65 x 260 x 65	260 x 65 x 260 x 65	360 x 95 x 360 x 95	360 x 95 x 360 x 95	360 x 95 x 360 x 95
Min. Slotting size (S: mm)	130 x 130 x 130 x 130	130 x 130 x 130 x 130	130 x 130 x 130 x 130	130 x 130 x 130 x 130	130 x 130 x 130 x 130	130 x 130 x 130 x 130	150 x 150 x 150 x 150	150 x 150 x 150 x 150	150 x 150 x 150 x 150
Max. Slotting depth (mm)	250	300	300	350	400	400	700	700	700

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

General features

- ▶ CE certificated machine designed with advanced concept, made according to European standards with Tai Yi many year experience in producing machines.
- ▶ The hardened micro-grinded driving gears are imported with HC>60°.
- ▶ Self-locked system is applied for all roller gap adjustments.
- ▶ Independent computer control table is able to store different orders, quick order changes and easy for operation. With automatic zero setting and reset function.

Feeder Unit

- ▶ Continuous or skip feeding is available with counter.
- ▶ Lead Edge Feeder with strong vacuum for precise and stable feeding.
- ▶ Dust removal system with brushes and segmented vacuum sheet cleaner.
- ▶ Self-locked system is applied for adjusting feeding roll gap.

Printer Unit

- ▶ Quick lock printing plate setting system on both R/L sides to achieve precise alignment.
- ▶ Roll to roll paperboard transfer.
- ▶ Auto cleaning function to promise ink recycle thoroughly.
- ▶ Self-lock system is adopted for adjusting the gap between feeding rolls, pressing rolls, rubber roll and anilox roll.
- ▶ Doctor-blade inking system is available. (optional)

Slotter Unit

- ▶ Single shaft with double slotting knives. Internal gear structure applied for adjusting carton box height, and prevents the lubricant oil from spilling or leaking onto the paperboard.
- ▶ Lead screw and guide rail matched for slotting base moving, which makes the movement much more flexible and precise.
- ▶ Transversal movement of the pre-creasing roll, creasing roll and slotting base are motorized and PLC control.
- ▶ Self-lock structure for the gap between male and female slotting knife applied.
- ▶ A protective device applied to prevent the slotting knife from crashing when the height of the carton box is adjusted.
- ▶ Flap cutting knife can cut 3 and 5 ply paperboard with no adjustment, easy to operate.

Die-cutter Unit

- ▶ 50mm transverse direction movement structure for anvil cylinder.
- ▶ Motorized gap adjustment between anvil cylinder and die cylinder.
- ▶ Self-lock system for gap adjustment.
- ▶ Independent motor used for the anvil cylinder speed compensation, the compensation range is ±3.0mm.
- ▶ Anvil cover trimming system is applied to keep anvil cover surface flat and smooth.

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.



Feeder Unit



Feeder Unit



Printer Unit



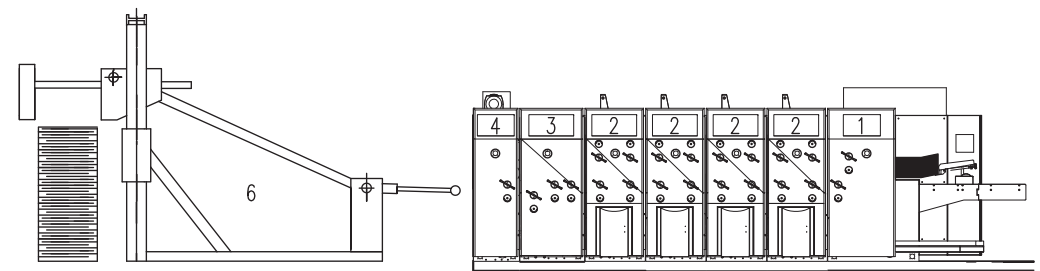
Slotter Unit



Slotter Unit



Die-cutter Unit



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