

APSTAR HG 2 FFG Inline



With international design philosophy and CE certified; Touch screen PLC for machine set-up, remote diagnose for fast trouble shooting; Movable units, lead edge feeding system, vacuum sheet transfer; Hot air, IR or UV dryer system are optional; Central dust collecting system.

Be adaptable to inline work with pre-feeder and strapping machine to achieve the full-automatic converting line from printing, slotting, die-cutting, folding-gluing to strapping.



■ Feeder Unit

- Lead edge feeder with adjustable feeding stroke.
- Extended sheet cleaning system including anti-static bar, multiple brushes and multi-sectional blowers to remove the dust from the printing surface of the paperboards.
- Heavy-duty transmission box, enhancing stability in high-speed and full load operation (Optional).
- Servo drive lead edge feeder with adjustable feeding stroke (Optional).



■ Printer Unit

- Vacuum transfer system with rollers.
- Quick-lock or Matthews plate mounting system.
- Roll-to-roll or doctor blade (chamber or single) inking system.
- Printing plate cleaning system (Optional).
- IR dryer system (Optional).



■ Dwell Transfer Unit

- Hot air, IR or UV dryer system (Optional).
- IR dryer can be adjusted according to the dimension of paperboard.



■ Slotter Unit

- Single shaft slotter unit with double creasers.
- The slotting boss moves along linear guide driven by lead screws for more flexible and precise movement.
- Double-shaft slotter unit, extended servo slotter unit can assure better folding accuracy (Optional).



■ Die-cutter Unit

- Servo drive system at anvil cylinder.
- Side to side oscillation of anvil cylinder (50mm).
- Micro grind anvil trimming system with automatic speed compensation control. When every 10,000 pieces are die-cutting, the system will adjust the anvil cylinder speed accordingly to maintain a constant speed with the die cylinder and paperboards.
- Quick die mounting system (Optional).
- Tungsten carbide grinding roller (Optional).



■ Folder Unit

- Picking up paperboard by elastic rubber wheels, extended vacuum suction belts for more stable transfer.
- Special bend guide and forming wheels structure to increase folding quality.



■ Counter Ejector

- Up loading counter ejector.
- Servo drive system for precise bundle control.

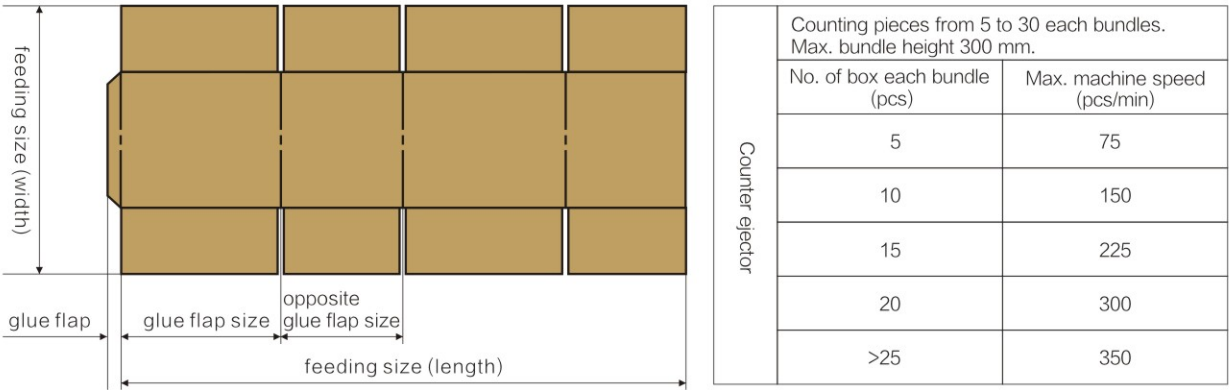
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APSTAR HG 2 Technical Specification

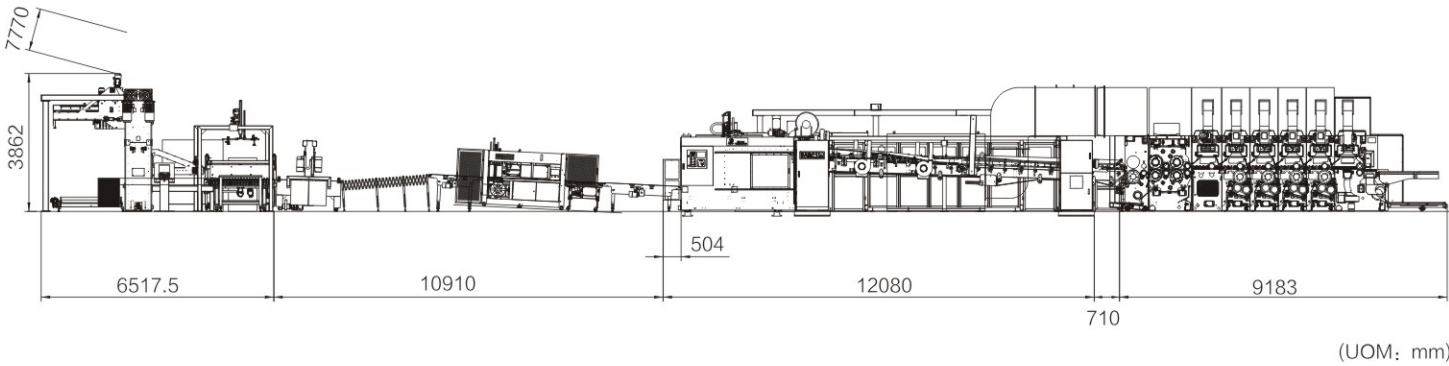
Item	920	924	1224	1228	1624	1628	1632
Max. machine speed (pcs/min)	280	280	250	230	180	180	160
Feeding accuracy (mm)	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0
Min. feeding size (mm)	300 × 600	300 × 600	350 × 600	350 × 600	450 × 600	450 × 600	450 × 600
Max. feeding size (mm)	900 × 2000	900 × 2400	1200 × 2400	1200 × 2800	1600 × 2400	1600 × 2800	1600 × 3200
Skip feeding size (mm)	1200 × 2000	1200 × 2400	1500 × 2400	1500 × 2800	2000 × 2400	2000 × 2800	2000 × 3200
Max. printing size (mm)	Without deviation correction	880 × 1960	880 × 2360	1180 × 2360	1180 × 2760	1580 × 2360	1580 × 2760
	With deviation correction	870 × 1900	870 × 2300	1170 × 2300	1170 × 2700	1570 × 2300	1570 × 2700
Printing accuracy (mm)		± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5
Printing plate thickness (mm)		6/7.2	6/7.2	6/7.2	6/7.2	6/7.2	6/7.2
Min. slotting space	Normal knife	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130
	Reverse knife	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65
Max. slotting depth (mm)		250	250	300	300	400	400
Slotting accuracy (mm)		± 1.5	± 1.5	± 1.5	± 1.5	± 1.5	± 1.5
Die-cutting accuracy (mm)		± 1.0	± 1.0	± 1.0	± 1.0	± 1.0	± 1.0

Folder gluer Technical Specification

Item	FFG 2000	FFG 2400		FFG 2800
	HG 2 920	HG 2 924	HG 2 1224	HG 2 1228
Max. machine speed (pcs/min)	280	280	250	230
Min. feeding size (mm)	300 × 650	300 × 650	350 × 650	350 × 650
Max. feeding size (mm) (including glue flap width 45)	900 × 2000	900 × 2400	1200 × 2400	1200 × 2800
Max. printing size (mm)	Without deviation correction	880 × 1960	880 × 2360	1180 × 2760
	With deviation correction	870 × 1900	870 × 2300	1170 × 2700
Max. panel size (mm)	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 1100
Min. slotting space (Normal knife) (mm)	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
Glue flap width (mm)	<45	<45	<45	<45



**In case of technical improvement, the specification and mechanical structure may modify without advance notification. All technical details and descriptions are subject to the written contract.



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