

APSTAR HG² RDC Converting Line



MACHINE FEATURES

-  Bottom printing movable, vacuum sheet transfer
-  Minimal manpower required to full inline operation
-  Top die-cutter, easily to clean cutting waste.Quick die mounting system (optional)
-  Available for bundle or high stack mode, good adaptability
-  Applicable to high efficiency production of various type of die cut boxes
-  Precisely counting performance on various type of orders



SUPER INTELLIGENT PRODUCTION MANAGEMENT SYSTEM

- Multi machines field monitoring capability
- Ready to connect ERP
- Repeated orders can be stored and recalled automatically, reducing set-up time and sample wastage
- Central monitoring order preparation status, reducing communication and time cost
- Remote diagnose and automatic maintenance reminder, reducing down time and maintenance cost



HIGH SPEED PRE-FEEDER

- Applicable for any type of bottom printing machine on the market
- Be able to work with top printing machine when equipped with the optional Reverse Section



FEEDER UNIT

- Lead edge feeder with electronic adjustable feeding stroke
- Extended dust removing system with anti-static, reduce the down time for printing plate cleaning
- Optional: Heavy-duty transmission box, enhancing stability in high-speed and full load operation
- Optional: Servo drive lead edge feeder with adjustable feeding stroke



PRINTER UNIT

- Vacuum transfer system
- Quick-lock or Matthews plate mounting system
- Roll-to-roll or doctor blade (chamber or single) inking system



DWELL TRANSFER UNIT

- Improve printing quality
- Accelerate the speed of printing board



DIE-CUTTER UNIT

- Servo driven anvil cylinder, side to side oscillation (50mm)
- Micro grind anvil trimming system: When every 10,000 pieces are die-cutting, the system will adjust the anvil cylinder speed according to maintain a constant speed with the die cylinder and paperboards
- Optional: Servo driven die cylinder
- Optional: Tungsten carbide grinding roller
- Optional: Quick die mounting system, reduce the changing time of wooden die



FLEXystack

- Excellent clearing effect
- Precisely counting performance
- Helping customers analyze orders, improving efficiency
- Deliver the paperboard stack at any speed without stopping the RDC



FULL AUTOMATIC PALLETIZER

- Automatic palletizing system can be customized according to the real site condition. More options of palletizing patterns are available by combining various types of breaking, rotating and flipping units

TECHNICAL SPECIFICATION

Item	Model	APSTAR HG2 92C	APSTAR HG2 924	APSTAR HG2 1224	APSTAR HG2 1228	APSTAR HG2 1624	APSTAR HG2 1628	APSTAR HG2 1632
Max. machine speed (pcs/min)		280	280	250	230	180	180	160
Min. feeding size (mm)		350×500	350×600	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	1580×3160
	With deviation correction	870×1900	870×2300	1170×2300	1170×2700	1570×2300	1570×2700	1570×3100
Printing accuracy (mm)		±0.5	±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	6/7.2
Min. slotting space (Single shaft/double shaft)	Normal knife	130×130×130	130×130×130	130×130×130	130×130×130	130×130×130	130×130×130	130×130×130
	Reverse knife	230×65×130×65	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

IFP		2400		2800		3200	
		MIN	MAX	MIN	MAX	MIN	MAX
Board Length (Feeding Direction)	without auxiliary collector	350	1600	350	1600	350	1600
	with auxiliary collector	160	1400	160	1400	160	1400
Board Width (Horizon)		600	2400	600	2800	600	3200
Board Height	High Stack	/	1700	/	1700	/	1700
	Bundle	/	350	/	350	/	350
Production Speed (Bundle/Hour)		/	400	/	400	/	400
Max. lateral receiving pcs		/	5	/	5	/	5

PRM		2400		2800		3200	
		MIN	MAX	MIN	MAX	MIN	MAX
Board Length (Feeding Direction)	without auxiliary collector	350	1600	350	1600	350	1600
	with auxiliary collector	160	1400	160	1400	160	1400
Board Width (Horizon)		600	2400	600	2800	600	3200
Board Height	Bundle	/	350	/	350	/	350
Production Speed (Bundle/Hour)		/	450	/	450	/	450
Max. lateral receiving pcs		/	5	/	5	/	5

VACUUM		2400		2800		3200	
		MIN	MAX	MIN	MAX	MIN	MAX
Board Length (Feeding Direction)	without auxiliary collector	450	1600	450	1600	450	1600
Board Width (Horizon)		600	2400	600	2800	600	3200
Board Height	Bundle	/	400	/	400	/	400
Production Speed (Bundle/Hour)		/	520	/	520	/	520

Specification subject to change without advance notification. All the technical parameters and performance shall prevail in the contract. The minimum feeding size in the above table is the data under the premise of ensuring the printing accuracy.