

APSTAR HG 2 RDC Converting Line



Advantages of Bottom Printing:

- Paperboards could be delivered from the corrugator line without reverse the stack directly to the RDC.
- Inking system is below the paperboard line, no ink contamination on the sheets, easier to clean.
- Easier to clean die cutting waste.

Bottom printing RDC is the most typical and popular converting machine in Europe and America market.

APSTARHG 2 RDC Converting Line consists of Prefeeder, Printer, Die-cutter, Stripper Stacker, with maximum production speed up to 280 pcs/min (printer speed). Intelligent design and smooth linear processes, is to minimize labor costs, reduce management stress, and achieve the best ROI for corrugated packaging plants.



Prefeeder

- 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 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.



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).



FLEXY STACK-IFP/Stripper Stacker

- Precisely counting the boxes.
- Helping customers analyze orders, improving efficiency.
- Deliver the paperboard stack at any speed without stopping the RDC.

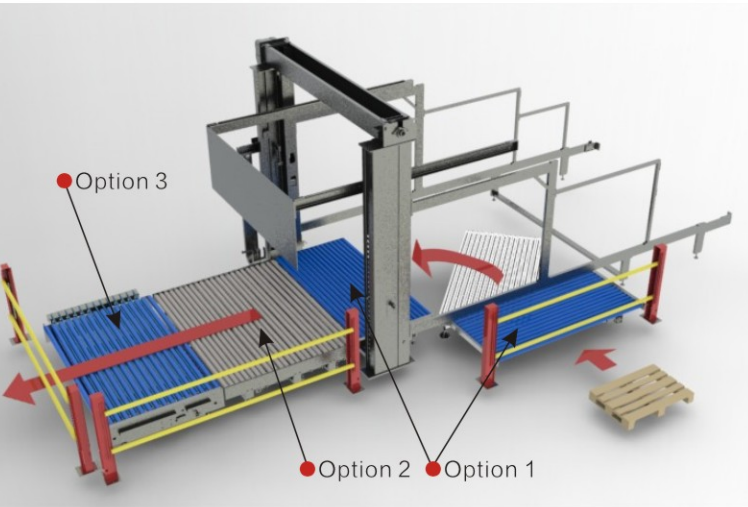


Full-automatic Palletizer

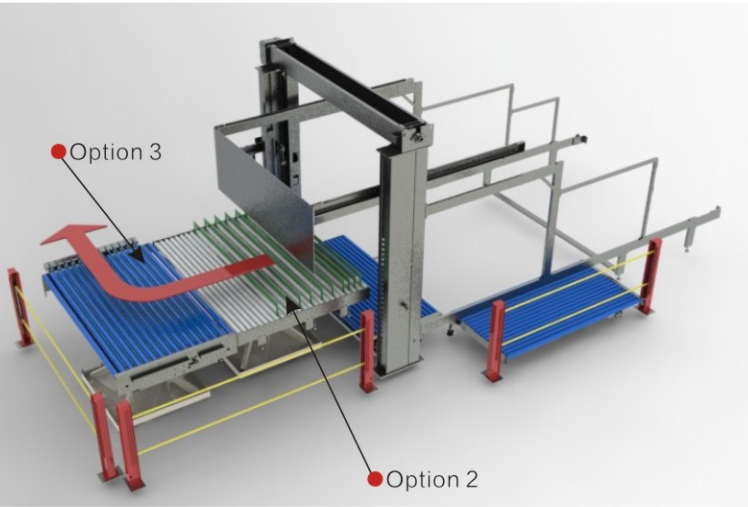
Automatic palletizing system can be customized according to the real site condition. More options of palletizing patterns are available by combing various types of breaking, rotating and flipping units.

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FLEXYSTACK-IFP / Stripper Stacker offers various modularized installation and configuration according to layout of customer's workshop, e.g. 90° Bundle Ejector, Bundle and Stack Collector and Empty Pallet Insert for different functions in different modes.



- Options available for IFP Full Stack Mode:
- Option 1: Empty Pallet Insert
 - Option 2: Bundle and Stack Collector
 - Option 3: 90° Bundle Ejector



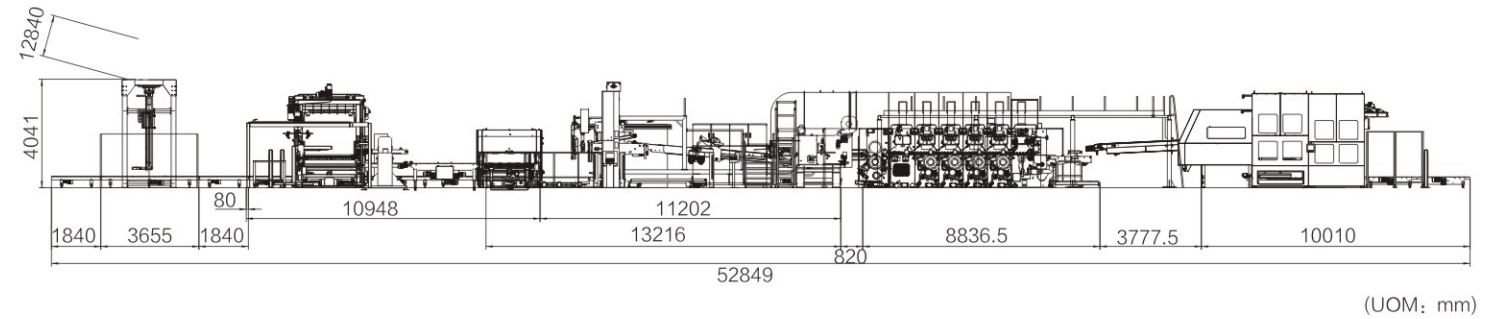
- Options available for IFP Bundle Mode:
- Option 2: Bundle and Stack Collector
 - Option 3: 90° Bundle Ejector

FLEXY STACK-PRM / Stripper Stacker has the same features as IFP but for bundle only.



APSTAR HG 2 Technical Specifications								
Item		920	924	1224	1228	1624	1628	1632
Max. machine speed (pcs/min)		280	280	250	230	180	180	160
Feeder 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	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	Normal Knife	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130	130x130x130x130
	Reverse Knife	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65	230x65x230x65
Max. slotting depth (mm)		250	250	300	300	400	400	400
Slotting accuracy (mm)		± 1.5	± 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	± 1.0

**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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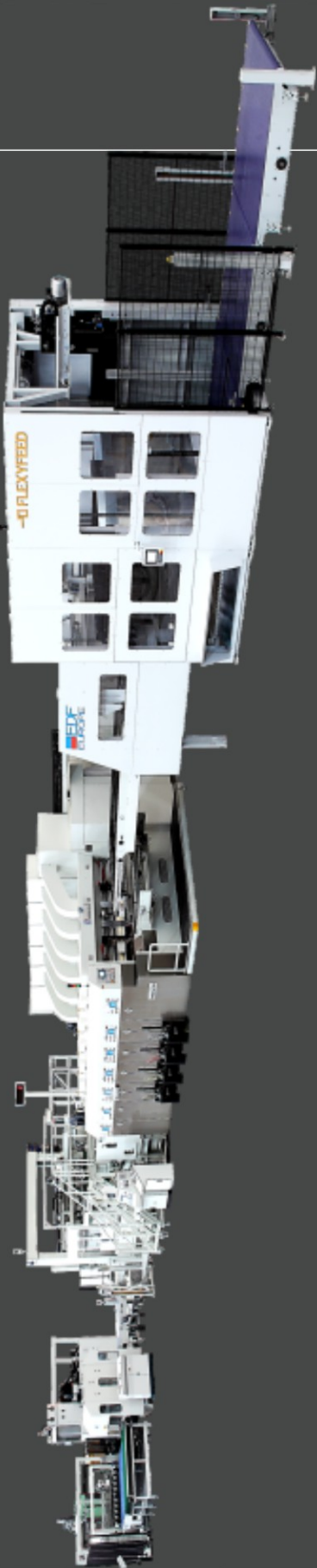
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