

Main features

- Enables automatic and continuous packaging management, improving productivity and ensuring efficient packaging performance.
 - Designed for easy in-line integration with existing systems, including robots and pick & place solutions, adapting to different production configurations.
 - Offers high flexibility for different product types and carton formats, allowing multiple references to be processed on the same machine.
 - Format changeover systems, partly automatic and recipe-based or managed via dedicated kits, reduce downtime and simplify setup operations while ensuring precision.
 - The robust structure and ISO-certified components guarantee long-term reliability and continuous operation even in intensive production cycles.
- The possibility to configure single or double forming heads allows the machine to adapt to required production volumes and optimize performance.
 - The forming and closing system ensures precision and repeatability, contributing to a consistent packaging quality standard.
 - The machine is designed to be reliable and user-friendly, with easy access points that simplify operation and maintenance activities.
 - The transport systems and electronic control ensure smooth and controlled movements, improving process stability.
 - Configuration options for materials and components allow use even in production environments with specific requirements.

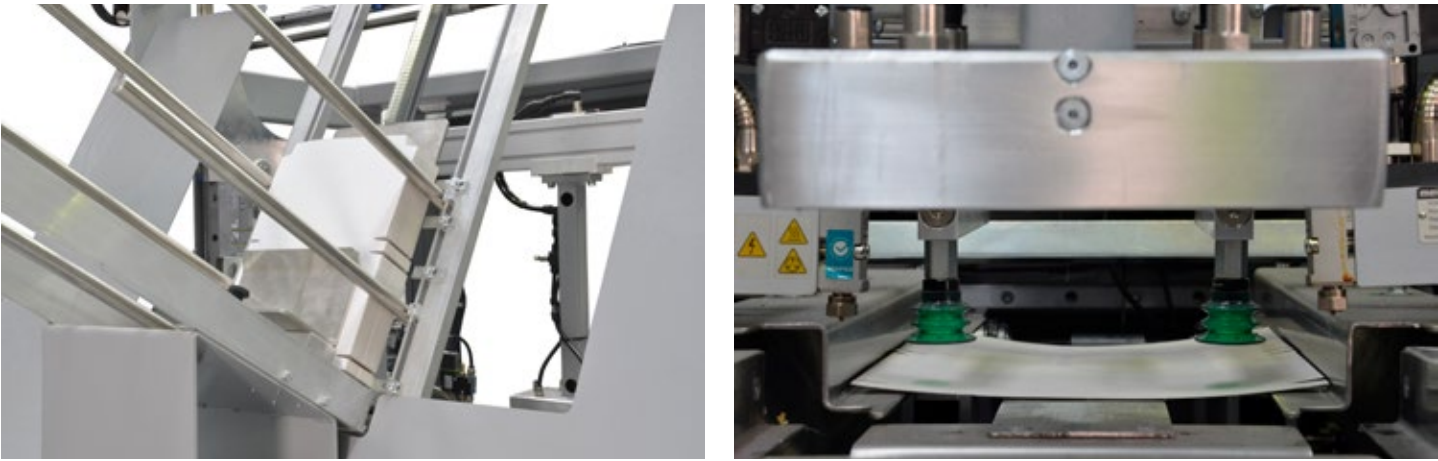
Technical features

Other cardboard sizes available upon request.

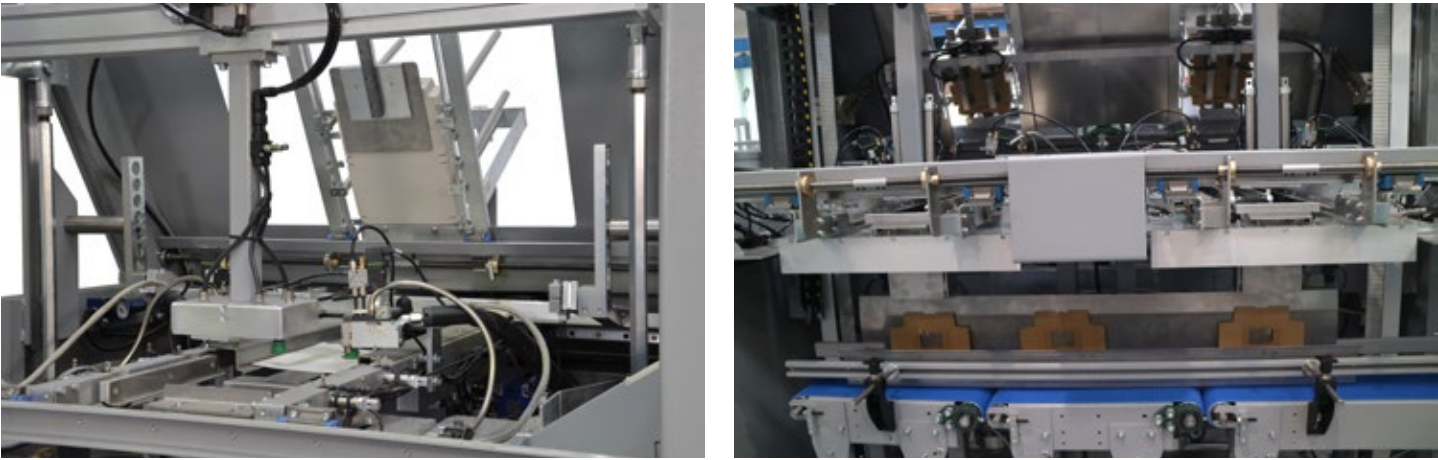
	400	600
Minimum case dimensions LxWxH:	40L x 20W x 15H mm	40L x 20W x 15H mm
Maximum case dimensions LxWxH:	300L x 200W x 200H mm	600L x 400W x 400H mm
Speed options:	From 30 to 60 cartons per minute Single former: up to 30 cartons per minute Double former: up to 60 cartons per minute Standard closing unit reaches up to 60 cartons per minute Speed: variable depending on machine version, carton format, and material (corrugated or solid board)	
Versions:	• Fully automatic version, with product insertion into the carton via pick & place system, robot, vertical loading system, or external feeding system (excluded from scope of supply). • Semi-automatic version, with product insertion performed by the operator. • The machine can form cartons with integrated lids, which are closed with glue in the closing unit, or open cartons without lid, with the option to apply the lid using an external DM PACK "LIDON" machine.	

Model	SKY
Power supply:	400 V 3PH+N+T
Power:	Single former: 6 kW; double former: 12 kW. Sealer: 16 kW
Compressed air:	6 bar constant
Standard colours:	RAL 9007 + 5018
Working height:	900+/-50 MM
Weight:	Single former: 600 kg; double former: 900 kW. Sealer: 600 kg

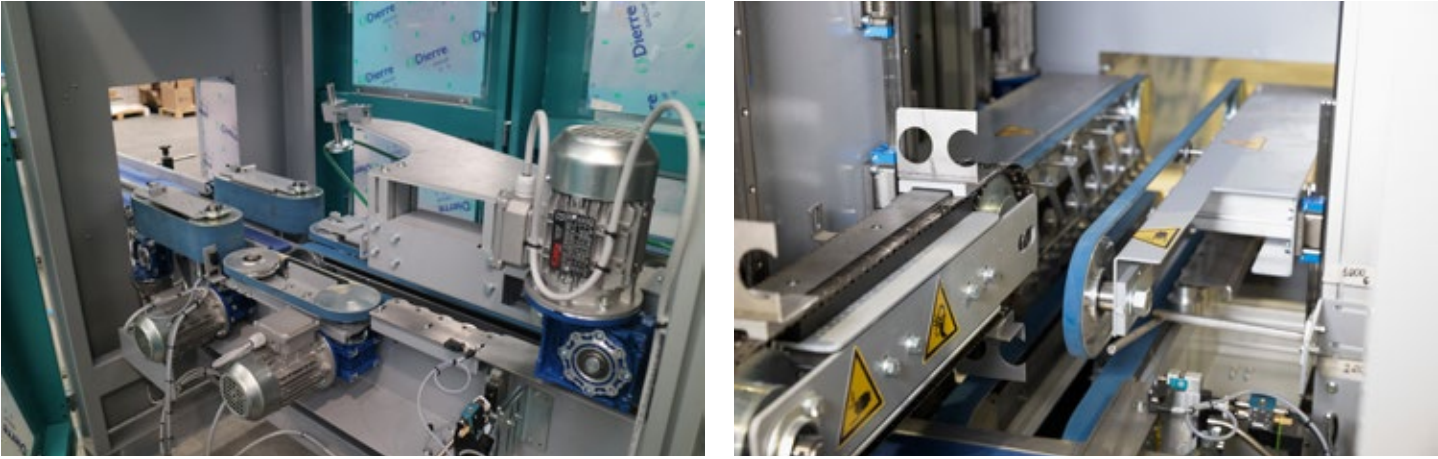
Die-cut blank magazine and blank positioning system



Single former and double former



Closing unit



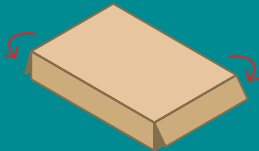
DM Pack S.r.l.

Via dell'Artigianato, 34 - 36030 San Vito di Leguzzano (VI) Italy
Tel. + 39 0445 580093 | Tel. + 39 0445 602907 | info@dmpack.it | www.dmpack.it



SKY

Vertical case-forming and closing machine



SKY

The SKY vertical case forming and closing machine is an automatic solution designed for the forming, filling, and closing of cartons for small and medium-sized products, ideal for industrial packaging lines.

The machine works with flat corrugated or solid board blanks, picked from the magazine via a suction cup system and transferred to the centering stations through transport belts, ensuring precision and continuous operation. Carton forming is carried out by a vertical press, while corner closing is performed using hot-melt glue and automatic flap folding. This process ensures a smooth and consistent production cycle, reducing manual handling and improving packaging quality.

Thanks to its flexible configuration and easy integration, it represents an effective solution for optimizing line efficiency, reliability, and overall performance.

The machine is designed with a modular structure, allowing configuration with one or two forming heads (stations). It also allows the integration of additional product loading systems, not included in the standard version, as well as the incorporation of a closing unit for hot-melt sealing of cartons with integrated lids.

Reliable and precise case formation through controlled movement of the vertical press.

Vast range of solutions available: tray formation only, case formation and closure with manual filling, case formation and closure with automatic filling. Automatic filling, according to design specifications, can be actively implemented thanks to integration of robotic or pick & place systems designed by us, or passively by multi-head fillers or other external systems. Alternatively, it can be carried out manually by one or more operators.

Externally accessible cantilever structure. All parts of the machine visible.

Precise and accurate tab closure system: closure of the upper part can be carried out using hot glue or tuck-in system.



Siemens or Omron PLC, easy to use. Programs saved via recipe.

Meler hot glue applicator to fasten side and/or upper flaps. Nordson or Robotech available as an optional.

