

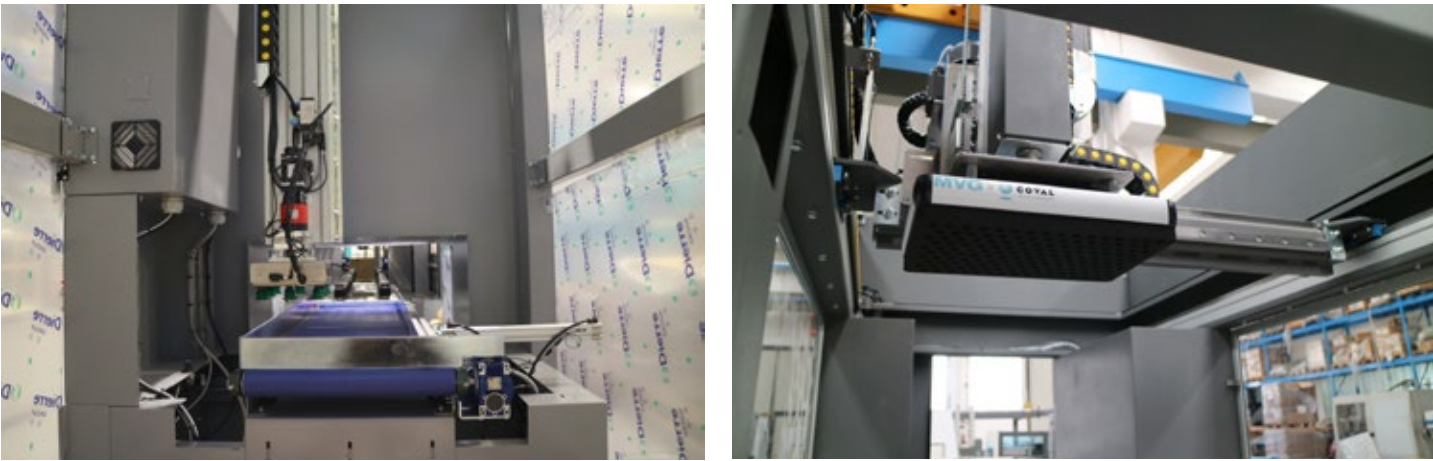
Main features

- The compact structure allows the machine to be installed even in limited-space environments, optimizing the production area without compromising performance.
- The automatic pick-and-place system ensures high precision in product placement, improving final pallet quality.
- The machine is reliable and easy to use, thanks to an intuitive interface that simplifies operations and reduces staff training time.
- Operational flexibility allows handling different product formats and pallet configurations, enabling quick adaptation to production changes.
- ISO-certified components ensure high quality standards and long service life, reducing maintenance costs.
- Line integration capability allows the palletizer to be easily connected to existing packaging systems, improving overall efficiency.
- The motion system is controlled by BRUSHLESS or asynchronous motors, ensuring smooth, consistent movements suitable for different levels of speed and precision.
- Simple pallet management at floor level allows the operator to intervene only when necessary, reducing manual tasks and increasing productivity.
- The gripping head can be configured with suction cups or vacuum systems, ensuring safe handling suitable for different product types.
- High efficiency in packaging and palletizing helps reduce end-of-line times and ensures a smoother overall production flow.

Technical features

Model	TRON CARTESIANO
Pallet dimensions:	Up to 1000 x 1200 EUROPALLET
Minimum boxes dimensions LxWxH:	150 x 150 x 150 mm
Maximum boxes dimensions LxWxH:	400 x 600 x 600 mm
Speed:	Up to 10 cycles per minute Speed: variable depending on palletizer configuration, product dimensions, and packaging type
Power supply:	400 V 3PH+N+T
Power:	10 KW
Compressed air:	6 bar
Standard colours:	RAL 9007 + 5018
Working height:	900+/-50MM
Weight:	1500 kg

Gripping heads



Vertical axis and electric motor with gearbox



Tron compact top and front view

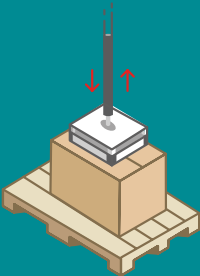


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TRON
COMPATTO
Compact automatic cartesian palletizer



TRON COMPATTO

The TRON Compact entry-level automatic Cartesian palletizer by DM pack is designed to optimize end-of-line operations, combining precision, reliability, and a reduced footprint. It is ideal for companies that need to automate palletizing in limited spaces, allowing efficient and simple handling of different product types while improving production continuity and reducing manual intervention.

Thanks to its flexible configuration and customization options, the system easily adapts to specific production requirements and can be integrated into existing lines, ensuring a smooth and well-organized process.

Compact version of Cartesian Tron is available in 2 heights: up to 1700 mm and up to 2700 mm (pallet included).



The compact design allows the machine to be installed even in environments with limited space.

The gripper head can be configured with suction cups or vacuum gripping systems.

The simple floor-level pallet handling system allows the operator to intervene only when necessary.

