

General features

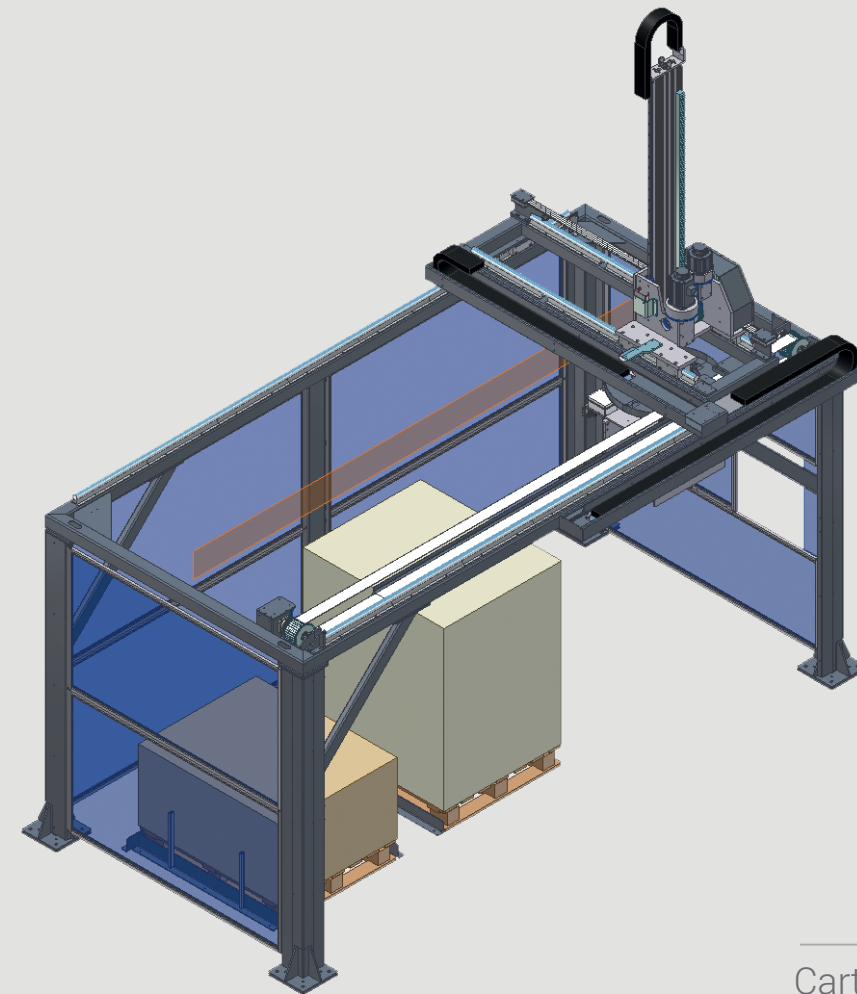
PALLETISER available with multiple bays or single bay: new generation, designed to have reduced dimensions, easy use, easy movement from one line to the next, and a contained price. Support structure on which the LOADER moves, equipped with a gripper head for product picking. The loader moves along the Cartesian axes X, Y, Z controlled by BRUSHLESS or asynchronous MOTORS with an inverter based on the speed and precision required. Following the program set, the LOADER moves to the product picking point and picks it, thanks to the gripper head equipped with a vacuum suction with suction cups or with grippers, or with a robot in the anthropomorphic version.

Technical features

Mod.	TRON
Length:	from 2000 mm
Width:	from 1350 mm
Height:	up to 2400 mm + pallet
Pallet size:	800x1200 mm and optional 1000x1200 mm
Pallet height:	1600 mm + pallet, optional up to 2700 mm + pallet, special versions H. 3000mm
Speed:	up to 10 boxes, sleeves, multipacks per minute
Version:	single pallet bay on the ground or version with automatic load
Holding head:	suction cups or grippers
Box size:	min 90x150x100h mm, max 400x600x600h mm
Optional:	Carton layer/interfold placement on pallet

Specific features

Dimensions starting from 2000mm x 1350mm and with height, based on the height of the pallet, reaching H. 2400mm + pallet.
Pallet dimensions: 800x1200mm and OPTIONAL 1000x1200mm; pallet height: 1600mm + pallet OPTIONAL up to 2700mm + pallet, special versions H. 3000 mm. Speed: up to 10 boxes, sleeves, multipacks per minute.
Version: single pallet bay on the ground or version with automatic load.
Holding head: suction cups or grippers.
Box dimensions: minimum mm 90x150x100h, maximum mm 400x600x600h.
OPTIONAL: CARTON LAYER/INTERFOLD PLACEMENT ON PALLET.



 PREFERRED PACKAGING ITALY

 DM
PACK

 GD
pack

TRON

Cartesian automatic palletiser

EN

TRON

Cartesian palletiser with the gripper picking head and robotic movement with an open structure, with the possibility of a palletiser on the ground or on product service rollers arriving from a line (or multiple lines in a robotic version).

Accessible and highly practical respecting operator safety with the photoelectric barriers. The robot or pick and place is customised to delicately handle the product and turn it to the suitable position before placing it into the pallet. Simple configuration called "GROUND PALLET" where the empty pallet is positioned by an operator with the pallet truck by hand. Picking the filled pallet takes place in the same way with the pallet truck by hand by an operator.

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SIEMENS ABB HIWIN MOTOVARIO KUHNKE pizzato MITSUBISHI

The gripper moves along an alarm that lifts and lowers along the structure of the main frame.

Use of the brushless motor allows high precision in pack positioning.

Robust support structure with extremely reduced dimensions.

Controlled by Siemens or Omron PLC. Easy to use human machine interface (HMI).

The machine can be completed with a box/package/multipack receipt roller with a centring unit so the box always has the same position on picking. After picking, the product is positioned on the pallet placed inside the structure, following the chosen palletisation configuration.

