



BOXES

# Industrial Manipulators



Dalmeccan offers a wide range of manipulators designed for the “weightless” handling of cardboard boxes, packaged wooden cases, products covered in film (polythene, shrink - wrap etc....).

Simple to use, they allow the operator to move a whole variety of packaged products, cardboard boxes and wooden cases quickly, accurately and safely throughout the working area.

Boxes can be picked either with suction tooling or with a pneumatic gripper head. Vacuum is created by either an electric generator or by a “Venturi” ejector.

The type, design, dimensions and gripping system of the manipulators offered are tailored to suit the specific requirements of the user and to the varying environmental conditions available.



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PMC type Partner manipulator, low profile model, fitted with suction head for gripping cardboard boxes and designed to operate in an area with a low ceiling.



PMS type Partner manipulator, overhead trolley mounted, suitable for stacking boxes containing a variety of washing machines which arrive from the packaging line. A pneumatic motor drive is also fitted to the system, which runs in Dalmec overhead tracking.



PSC type Partner manipulator, column mounted, fitted with pneumatic gripper tooling. The special design of the tooling jaws allows the handling of a particularly wide range of wooden cases.



PMF type Partner manipulator, fixed overhead, equipped with suction system to grip and handle cardboard boxes from the packaging lines to pallets.



C06

PSC type Partner manipulator, column mounted, equipped with jaws gripping system, for the picking and palletization of boxes packed with household electric appliances of various types and weights.



C07

PSC type Partner manipulator, column mounted, equipped with a Venturi vacuum suction system.



I176

PSS type Partner manipulator, overhead trolley mounted version, fitted with vacuum tooling for gripping boxes from one packaging line and positioning the same on a pallet. The overhead tracking system is manufactured by Dalmecc.



C09

PSC type Partner manipulator, column mounted, fitted with suction cups tooling for gripping shrink-wrapped goods from a packaging line to a pallet.



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SPS type Speedyfil manipulator, overhead trolley mounted, equipped with a Venturi vacuum suction system.



C11

PMS type Partner manipulator, overhead trolley mounted, with motorised pneumatic drive, equipped with special suction head and telescopic commands to allow the operator to pick boxes from a high stack on a pallet.



C12

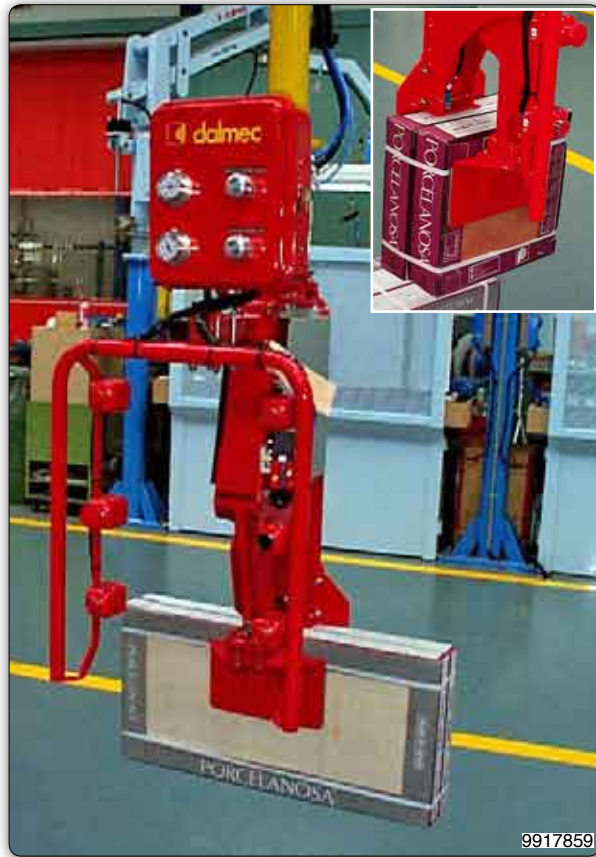
PMS type Partner manipulator, overhead trolley mounted, with motorised pneumatic drive, equipped with special gripper tooling, which allows the operator for gripping and 90° inclination of the box, so that pins can be fitted under the same. It is also completed with tracking system made by Dalmecc.



961C13



PMC type Partner manipulator, column mounted, equipped with jaws gripping system, for the palletization of packing boxes.



Manipulator with gripper picking system for moving packs of tiles.



PMC type Partner manipulator, column mounted, with suction gripping system, a popular design, commonly used for moving packing boxes from a conveyor belt to a pallet.



PMC type Partner manipulator, column mounted, fitted with suction tooling to grip and handle cardboard boxes from a packaging line to a pallet.

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DIG9907



9918975



9918975

PFC type "Posifil" manipulator, column design, equipped with gripper system for picking sanitary ware, inserting it in cardboard boxes, picking the packed boxes and putting them on to pallets.



C20

MPS type Minipartner manipulator, overhead trolley mounted, equipped with pneumatic jaws for gripping and handling boxes of different dimensions and weights. The tooling is fitted with a proportional valve to allow the operator to easily set the balancing system. The overhead trolley and downshop tracking system are made by Dalmec.



C21

MPS type Minipartner manipulator, with overhead balancer unit, handling blocks of butter, both with and without packaging. The tooling is made of stainless steel, and the pneumatic grippers are controlled by a pressure regulator.