



Industrial Manipulators



Dalmec offer a wide range of equipment for the “weightless” handling of sheets, various panels, panels of glass etc.

Simple to use, they allow the operator to move the sheets around quickly, accurately and safely.

These manipulators are custom-built and the type, design, dimensions and picking system used is specially adapted to suit the specific requirements of the user and the various environmental conditions available.



SHEETS and PANELS



9918887

PMS type Partner manipulator, overhead trolley mounted, equipped with a suction system for picking sheets of stainless steel, picking them level from a pallet, moving them and depositing the same on another adjacent pallet. The servo-assisted inclination allows the operator to make a visual inspection of the sheet.



15

Manipulator with suction tooling designed for the picking and pneumatic inclination by 90° of sheets of laminated plastic. Positioning of the individual suction cups may be changed manually in relation to the dimensions of the panels to be moved. Vacuum is generated by a venturi ejector which is fitted on the outside of the tooling head.



0019387

Manipulator with suction tooling for picking plastic panels.



001191

PMC type Partner manipulator, column mounted, fitted with two self-centering pairs of grippers, for picking reinforced doors and then rotating them through 180°.



0426958

Manipulator with suction tooling for picking plastic panels.



0224621

Manipulator with suction tooling for picking plastic panels.



L06

PMC type Partner manipulator, column mounted, fitted with suction head for picking a panel from a pallet and then for placing it onto a framing machine following shaving.



9918776

Suction cups tooling for handling and 180° pneumatic rotation of wooden panels.



0325052

Suction tooling for handling and 180° pneumatic rotation of wooden panels with different dimensions. The position of the suction cups is manually adjustable.



0427041

Suction cups tooling for handling wooden panels with manual rotation.



0122253

PMC type Partner manipulator, column mounted, fitted with adjustable suction cups tooling for handling panels.



0325237

Suction tooling with centerings for handling and inclination of special panels.

SHEETS and PANELS

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0020804

MXS type Maxipartner manipulator, overhead trolley mounted, fitted with suction tooling for lifting metal sheets from a trolley or pallet and placing to a machine tool. The maximum capacity of the manipulator is 400 Kg. The position of the suction cups is manually adjustable to allow the gripping of panels having different dimensions.



0001200

PMC type Partner manipulator, column mounted, equipped with suction tooling to pick sheets positioned horizontally on a workbench. The tooling allows the 90° pneumatic inclination of the sheets and their positioning on a frame.



0020488



0223968



9817366

Suction cups toolings for handling sheets with manual or pneumatic rotation.



PMC type Partner manipulator, column mounted, equipped with suction system to pick plate glasses from a trolley, and following pneumatically assisted inclination, to place the plate on a table, or vice versa. The tooling also allows the manual rotation through an angle of 360° about the horizontal axis.



PMC type Partner manipulator, column mounted unit, equipped with a suction system for picking panes of glass from a conveyor and for positioning them on a frame. Vacuum is generated by an electric pump fitted on the side of the manipulator.



Adjustable suction cups tooling for handling and 90° pneumatic inclination of glass sheets.



Suction cups tooling for handling and 360° manual rotation of panes of glass.



Vacuum suction system for gripping and handling of glass sheets with 360° manual rotation and 90° pneumatic inclination.



Vacuum suction system and manual inclination for handling glasses.



Adjustable suction cups tooling pneumatic inclination for handling door and window frames.



Manipulator with vacuum suction system and manual rotation for handling windscreens.

SHEETS and PANELS

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0326061

PMS type Partner manipulator, overhead trolley mounted with motorised pneumatic drive, fitted with adjustable suction cups tooling for handling and inclination of big panels.



0020187



0223456



9918301



9917306



0223979



0426288

Vacuum suction systems and pneumatic or manual inclination/rotation for handling different types of products.



0001204

PMC type Partner manipulator, column mounted equipped with jaws tooling for gripping and handling doors of drink machines.



9616546

PMF type Partner manipulator, fixed overhead unit, equipped with suction tooling for the handling and pneumatic inclination through an angle of 90° of panels for camper vans. The position of each suction cup may be adjusted manually.