



MECHANICAL COMPONENTS



Industrial Manipulators

Dalmec offer a wide range of manipulators, fitted with custom-built tooling for the "weightless" handling of various mechanical components.

Simple to use, they allow the operator to move the products quickly, accurately and easily in the operating space.

The type, design, dimensions and picking systems incorporated in these manipulators are tailored to suit the specific requirements of the user and the varying environmental conditions available.



0834913

PMC type Partner manipulator, column mounted, with pneumatic tooling for picking mechanical components and manually rotating them through 180°, for use on a machining centre.



0733333

MPS type Minipartner manipulator, overhead trolley mounted running in a rail, equipped with a pneumatic gripper for picking and handling of bodywork parts.



0528017

PMC type Partner manipulator, column mounted, equipped with pneumatic tooling to pick, handle and, after a 180° rotation, to place axes on a workbench.



0732088

PMC type Partner manipulator, column mounted, used to handle crankcases.



0835060

Suction cups gripping system used to handle motor vehicle floor pans from pallets to a support for moulding.

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MIS type Micropartner Manipulator, overhead trolley mounted, used for the handling of parts of boilers.



PMC type Partner manipulator, column design, with pneumatic gripper equipment, made to move mechanical parts from pallets to a vertical machine tool.



Manipulator equipped with a tooling made up of four adjustable gripping heads pneumatically operated for the gripping of exhaust manifolds.



Manipulator with pneumatic gripper for taking and rotating transmission shafts.



Manipulator with pneumatic gripping tool for picking and 90° pneumatic inclination of cylinders.

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PMC type Partner manipulator, column design, equipped for loading and unloading of assembled leaf springs from a coating plant. The Manipulators have been given two types of picking equipment, which may be interchanged quickly: one uses a permanent magnet with electronic control and the other uses grippers.



Guardrails



Motor casings



Boilers



Tooling with pneumatic inclination of mechanical parts.



Radiators



Steel tubes



0732751

MIS Micropartner manipulator, overhead trolley mounted, with pneumatic tooling for the picking and manual inclination of hubs for use on a machining centre.



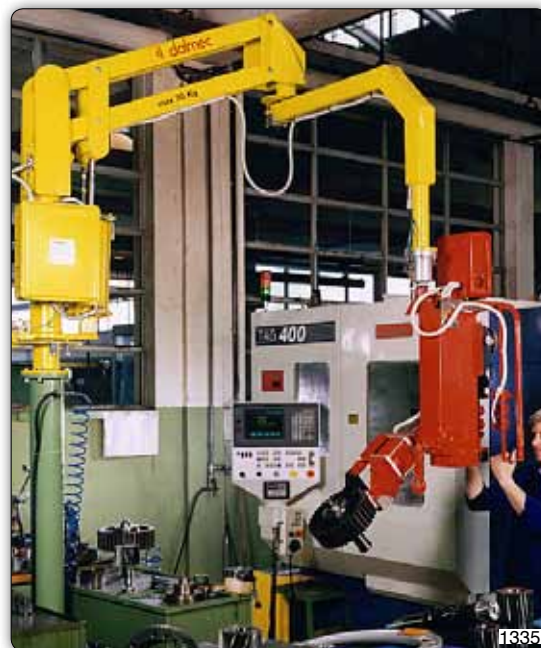
1138904

Pinch jaws tooling for the gripping and pneumatic rotation of discs having different forms and weights.



1036938

Manipulator with pneumatic gripping tool for picking and 90° pneumatic inclination of cylinders.



1335

PMC type Partner manipulator, column design, with special equipment for picking, inclination and rotation of gears.

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0936773

PMC type Partner manipulator, column mounted provided with pneumatic pincer to handle with servo-assisted inclination, gearbox casings to be transported to the die-stamping machine.



0834994

PMC type Partner manipulator, column mounted version, with adjustable suction cups tooling for picking sheets.



0020223

Manipulator with jaws tooling for gripping of railway carriage wheels and their positioning on the carriage.



0529113

Manipulator with vacuum suction system for moving parts of aircraft wings.



Manipulator with equipment for loading and unloading of aircraft turbines components, with pneumatic inclination.