



## **Industrial Manipulators**

Dalmec offers a range of tooling heads for picking and handling steel products with magnet gripping systems.

Simple to use, they allow the operator to move the product quickly, accurately and with the utmost safety within the working area.

These manipulators offer maximum flexibility in type, design, dimensions and gripping system in order to suit the specific requirements of the user and the environmental conditions of the working area.



Manipulator equipped with bipolar permanent magnet manually operated, designed to grip metal strap rolls positioned horizontally and then incline them manually through 90°.



Manipulator with bipolar permanent magnet manually actuated, equipped with anti-release safety device which prevents the tooling from releasing the load before it is correctly in place.



Manipulator with electropermanent magnet and pantograph handles to facilitate the positioning of the magnet on mechanical parts placed higgledy-piggledy in a container.



Manipulator with multipolar permanent magnet pneumatically operated, for gripping and lifting mechanical parts placed jumbled in a container.



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Manipulator with multipolar permanent magnets pneumatically operated for gripping and lifting steel strap rolls. The distance between centres of the magnets is manually adjustable.



Manipulator equipped with multipolar permanent magnets pneumatically operated, for gripping and lifting steel products.





Manipulator with multipolar permanent magnets pneumatically operated, for gripping steel products with inclination up to 90° and rotation up to 180°.



Manipulator with multipolar permanent magnet pneumatically operated, for gripping and lifting steel curves placed jumbled in a container.



Manipulator equipped with multipolar permanent magnets pneumatically operated, for gripping and lifting steel shafts.



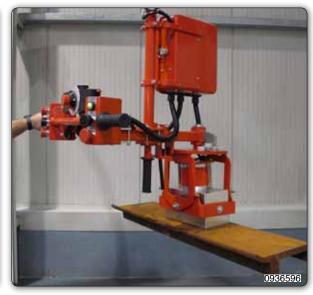
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Manipulator equipped with multipolar magnets pneumatically operated for gripping and lifting steel sheets. The distance between centres of the magnets is manually adjustable.



Manipulator equipped with multipolar magnets pneumatically operated for gripping and lifting tracks.





Manipulator with electropermanent magnet for gripping and inclination through an angle of 90° of leaf springs.



Manipulator with multipolar permanent magnets pneumatically operated designed for picking steel shafts and their inclination through  $90^{\circ}$ .



Manipulator equipped with electropermanent magnet for placing steel products on a machine tool.



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