



REELS

Industrial Manipulators



Dalmeccan offer a wide range of manipulators, designed and manufactured for the "weightless" handling of reels and bobbins.

Simple to use, they allow the operator to move reels quickly, accurately and safely within the operating area.

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.



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REELS



Manipulator with vacuum suction head and pneumatic 90° inclination for handling reels of cardboard. Vacuum is generated by a multi-stage "Venturi" type ejector.



PSC column mounted Partner manipulator, standard hook unit fitted with sling by the customer for handling reels.



PMS type Partner manipulator, overhead trolley mounted unit, with pneumatic power drive, designed for lifting reels of plastic film from a cradle to a pallet. The tooling head consists of a pneumatically expanding mandrel with 90 degree pneumatic inclination.



PMC column mounted manipulator custom-built for lifting reels of plastic film from a cradle to a pallet.



Manipulator with tooling for handling rolls of rubber from a packaging line to a pallet, made up of a pin which is inserted into the core of the roll.



Manipulator with adjustable forks type tooling for handling of reels.



PMC type Partner manipulator, column version, equipped with a magnet for gripping and 90° inclination of rolls of metallic banding.



PMC type Partner manipulator, column design, provided with gripper tooling for picking and unwinding reels of plastic film from a cutting machine. With pneumatically assisted rotation through an angle of 90°, the individual reels are then positioned vertically on the pallet.



PSC column-type Partner, with pneumatic gripping jaws for handling rolls about their external diameter.

STEELS REELS



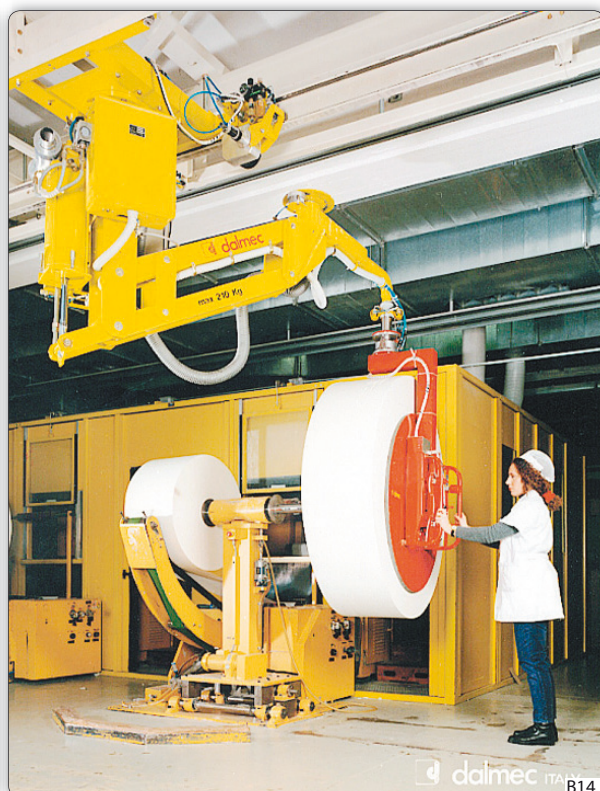
MXC type "Maxipartner" manipulator, column mounted. The tooling is equipped with an expanding mandrel, 90° pneumatic inclination and also an anti-telescoping device.



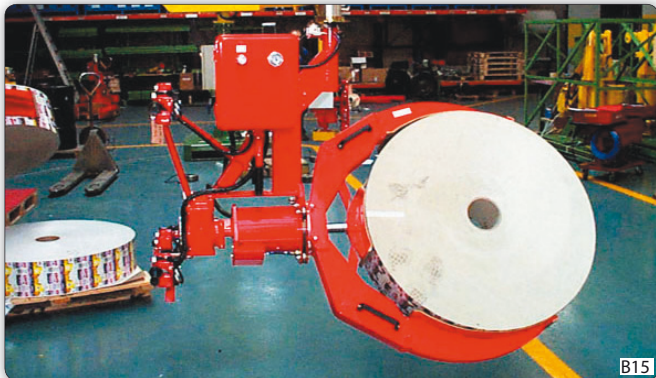
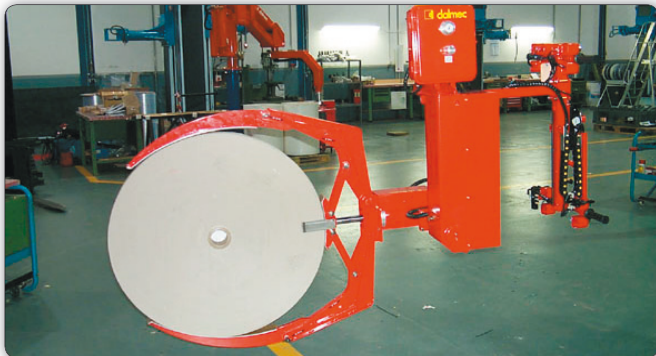
PMC type Partner manipulator, column mounted, fitted with pneumatic mandrel tooling for gripping in the reels core and 90° inclination. The unit is used for palletizing reels.



PMC type Partner manipulator, column mounted, with self-centering grippers for moving reels of plastic film. The tooling head is designed to pick horizontal reels from a winding shaft and then place them vertically to an adjacent pallet. Rotation is actuated pneumatically.



PMS type Partner manipulator, overhead trolley mounted, with pneumatic trolley drive, designed for the handling of reels of cardboard. The tooling comprises a suction head designed to pick reels from the floor and place them to the shaft of an unwinding machine. The vacuum is generated by a vacuum pump.



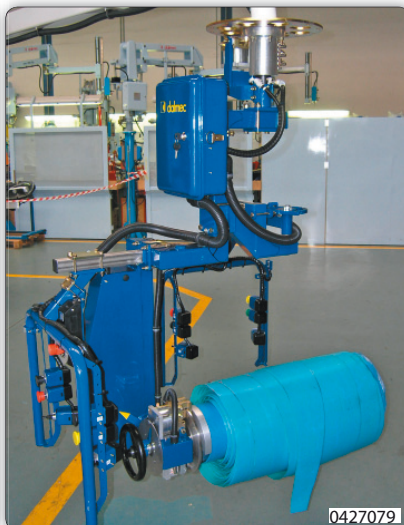
Manipulators fitted with gripper tooling for handling reels about their outside diameter, with pneumatic 360° rotation.



PMC type Partner manipulator, column mounted, with gripper tooling, for handling reels about their external diameter, with pneumatically assisted rotation through $\pm 90^\circ$.



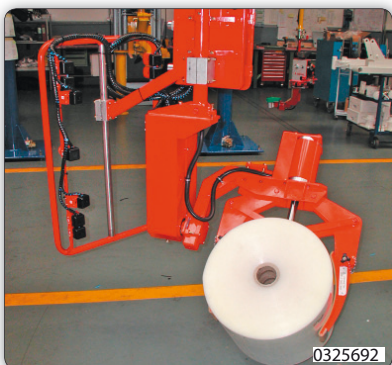
Manipulator with "Venturi" suction cups tooling for gripping reels, with manual rotation from horizontal to vertical.



Manipulator with expanding mandrel for picking, inclination and manual rotation of reels.



Manipulator with "Venturi" vacuum suction ring and 90° pneumatic inclination.



Gripper tooling with pneumatic rotation.



Gripper tooling.



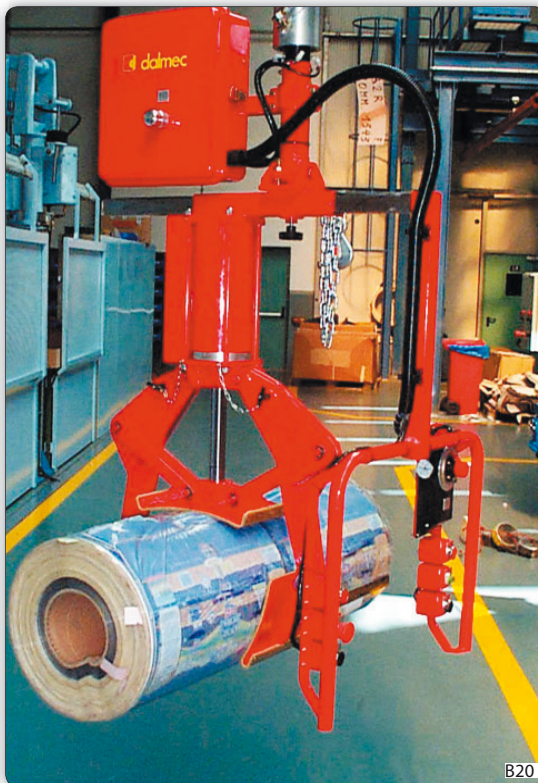
Gripper tooling.

REELS



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Manipulator fitted with expanding mandrel and anti-telescoping device. The tooling also incorporates 90° pneumatic inclination.



B20

Manipulator fitted with pneumatic grippers for handling reels about their outside diameter.



B21

Manipulator with manually adjustable suction cups tooling for gripping and 90° inclination of rolls of metallic banding.



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Forks type tooling for handling reels.



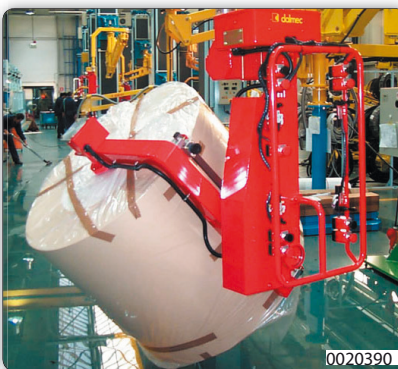
0325221

Adjustable jaws tooling for handling reels and their packaging.



0325210

Gripping tooling with pin for handling rolls.



0020390

Expanding mandrel for the pneumatic rotation of reels.



B22

Manipulator with pneumatic gripping jaws for the easy picking of stacked reels about their external diameter.