oltremare *since 1960*

The machine **CLEANPACK COMBI 2.5-501** creates the vacuum and injects gas inside the package, packing under vacuum controlled atmosphere (according to MAP – Modified Atmosphere Packaging method). By means of the vacuum-injection process it is possible to replace the requested quantity of oxygen inside the package with CO_2, N_2 or a gas mix to get the product optimal storage.
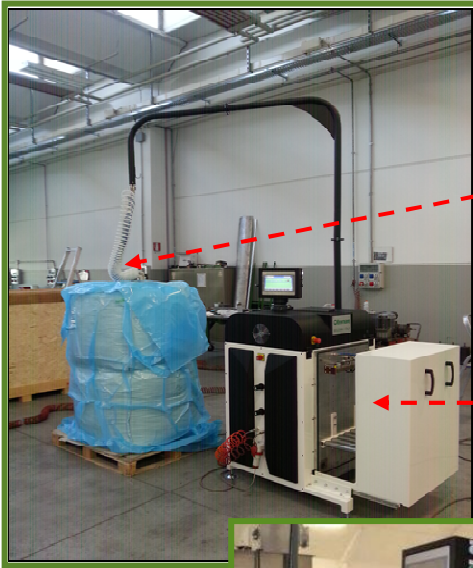
Only one system for any size packages: the 501 section to pack different sizes of packages from 25 to 50 lbs, based on the bulk density of the product to be packed, and the CLEANPACK section to pack oversize packages such as liners and big bags.

Using this system means a series of advantages in terms of **conservation, product quality, color, taste, humidity** etc. while at the same time, reducing oxygen quantity allows **insects control** through natural fumigation. And remarkable advantages are also obtained in **packages' storage, transport and logistics**.

Main characteristics:

- strong and compact construction in painted carbon steel
- flip-open upper protection lid and easy access to the electrical components area
- adjustable operator's panel to serve both sections
- electrical cabinet integrated into the main frame w/ fan cooling system
- easy rear access to the mechanical and pneumatic components
- sliding front door to access the vacuum chamber of the 501 section
- adjustable arm to support the head of the CLEANPACK section to easily reach the big bag workstation
- power supply: 3-phase 400V±10%, without neutral, with ground
- vacuum pump capacity: 60 m³/h
- installed power: electric motor 2,2 kW
- minimum vacuum pressure: 50 mbar
- electronic control: PLC OMRON
- colored synoptic operator's panel with multilingual instructions: WEINTEK COLOR TOUCH SCREEN 10"
- working pressure higher accuracy and precision
- entry of working parameters and storage of more than a few specific product processing programs
- possibility to work in manual and automatic mode
- process data may be recorded and transferred through USB port to external drives

various packing options:

from 25 and 50 lb packs

to 500 up to 3300 lb liners and big bags

SUITABLE FOR DRIED FRUIT, CEREALS, LEGUMES, SEEDS AND GRANULATED PRODUCTS IN GENERAL

VACUUM MACHINE
MOD. CLEANPACK COMBI 2.5-501

CLEANPACK section:

The system may be exclusively operated with bags equipped with the VQP Patented Gas Exchange Valve. This valve grants the perfect coupling of the aspiration and gas injection head to the barrier bag through a direct connection between machine and package.

Before the vacuum/injection process starts, it is necessary to seal the bag, after which the valve is sealed through an adhesive label.

501 section:

- ❯ bag vertical position during operation
- ❯ pre-filled plastic molds have to be placed manually into the vacuum chamber, the door is closed and the cycle is automatically activated and controlled
- ❯ electronic card with microprocessor to control the working cycle
- ❯ possibility to program and memorize up to 10 working cycles according to the different packing needs
- ❯ possibility to pack with different bag materials and thickness thanks to specific working parameters, time and temperatures of the sealing bar
- ❯ sensor for pressure control inside the vacuum chamber
- ❯ sealing group composed of a sealing bar equipped with a couple of impulse sealing threads and one contrast; both parts are coated with non-stick material
- ❯ sealing electronic control
- ❯ suitable for pillow and gusset bags
- ❯ vacuum chamber inner dimensions : 630 x 320 x 920 (H) mm
- ❯ sealing bar length: 600 mm

The machine may be supplied with the following optional extras:

- ❯ traceability kit composed by a barcode reader and a printer to print out a label, to stick on the packaging, with a series of information and data such as customer reference, operator, lot number, bag number, date, hour, set parameters, cycle data and other information so keep track of what done
- ❯ remote access via web to the machine for the OLTREMARE Technical Assistance Center to control and, if required, to update the machine operating mode