

DZ-400 Double Chamber Vacuum Packaging Machine



DZ-400 floor type double chamber vacuum packaging machine for small bag vacuum packing. The double chamber vacuum packaging machine can seal different types bags with different thickness such as aluminum foil bag and transparent vacuum bag (nylon). The double chamber vacuum packaging machine has double vacuum chamber working in turn, and the seal time and vacuum time can be adjusted separately. It has double seal bars 400mm length each chamber. The vacuum packaging machine seals by taking all the air out of the chamber at once, without drawing liquid into the seal area, and makes a stronger seal than external vacuum packaging machines. The vacuum packaging machine uses plastic or plastic aluminum foil film as the packaging material, automatically extracts the air in the packaging bag, and completes the sealing process after reaching a predetermined vacuum. It can also be filled with nitrogen or other mixed gases, and then complete the sealing process.

Vacuum packaging machines are often used to package products that are prone to oxidation, mildew, or damp, because after vacuum packaging, the items can resist oxidation, thereby extending the product's service life.

Vacuum packaging machines are divided into internal vacuum packaging machines and external vacuum packaging machines, as well as the fully automatic vacuum packaging machines we often say. The three series can be divided into several categories. For example, the internal pumping vacuum packaging machine is divided into single chamber vacuum packaging machine, double chamber vacuum packaging machine, vertical cabinet vacuum packaging machine and continuous rolling vacuum packaging machine.

Vacuum: the vacuum chamber is closed, the vacuum pump works, the vacuum chamber starts to vacuum, the bag is simultaneously vacuumed, the pointer of the vacuum gauge rises, reaches the rated vacuum (controlled by the time relay ISJ), the vacuum pump stops working and the vacuum

stops. While working in vacuum, the two-position three-way solenoid valve IDT works to heat-seal the vacuum of the air chamber, and the hot-press frame remains in place.

Heat sealing: IDT is off, the outside atmosphere enters the heat sealing air chamber through the upper air inlet, and the heat sealing air chamber is inflated and expanded by using the pressure difference between the vacuum chamber and the heat sealing air chamber to move the upper heat press frame down. Press the bag mouth; at the same time, the heat-sealing transformer works to start sealing; at the same time, the time relay 2SJ works, and it will act after a few seconds, and the heat-sealing will end.

Air return: Two-position two-way solenoid valve 2DT is open, the atmosphere enters the vacuum chamber, the pointer of the vacuum gauge returns to zero, the heat press frame is reset by the return spring, and the vacuum chamber is opened.

Technology data sheet:

Model	DZ-400 duple chamber vacuum packaging machine
Voltage	AC220V/50Hz 380V/50Hz
Motor Power	1000W
Sealing Power	500W
Ultimate Vacuum Pressure	1Kpa
No.of Sealing Bars for Each Chamber	2Pcs
Chamber Dimension (LxWxH)	460mm*460mm*100mm
Sealing Length	400mm
Sealing Width	10mm
Vacuum Pump Rate	20m ³ /h
Material for Vacuum Chamber	Stainless steel 201
Dimension (LxWxH)	1050mm*560mm*920mm
Net Weight	120Kgs
Distance from sealing bar to chamber side	365mm