

# KL-2500 Cold Compressor Machine

## ZHEJIANG KANGLI PLASTIC-COATING MACHINE CO.

The Chinese supplier and manufacturer of Casemaker, Gluing Laminator Machine, Box making machine, Cardboard Slotting Machine, Creasing & Cutting Machine, Surface Binding Machine. We also manufacture various PVC packages, rosewood and redwood boxes, and cartons.

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Pressure after density board sticking with PVC making glue stick tightly with board, improve the flat at the same time.

First, welcome to use the KL-2500 from our company production.

Before open the machine please reading detailed about the manual ,can make you control the usage smoothly in the short date.

### 一、 Safe rules of the tool machine operation

1.1 Before operate the machine must detailed read the manual , understanding the performance and the accurate operation method .

1.2 Before the machine operation must equip to connect a ground of device dependably , and check the other safe protections equip if is normal .

1.3 Before the machine operation, check each parts to if is loosen to move and damage , and adjust and replace in time to insure its normal function, and must remember to move the useful tool move.

1.4 Before the machine operation, worker who must wear the strictly closes forbid that dress loosen or wear the tie, the hand chain...etc. , stay long hair need to wear the work hat .

1.5 When body conditions are not good or the behind wine strictlies forbid to operate the machine.

1.6 When operation the machines, all safe protection devices can't take apart or open optionally.

1.7 The machine operations complete must to cut off the power supply, and leave after the machine is washed up.

二, The machine useds for various PVC material that stick together face to face with decorate and the furniture material ,the glue press is applicable to the packing, furniture and the decorate building materials etc.

### 三, Main technique parameter

Area of service platform( mm) :1250 × 2500mm

Max.separation of platform( mm):1100mm

Quantity of oil container :2pcs

The electric motor power( kw) :5.5kw

Turn speed :960 r/min

Dimention of machine ( mm) : 1250 ×2860 ×2450

Total weight( kg) : 2500 kg

### 四, Machine structure

This machine is composed by chassis, top and bottom work set, transmission part, hydraulic-pneumatic system and electricities control system etc.The whole machine adopts the high-quality slot steel and steel plates to reunite , is whole machine.The transmission part send the worm through 4 triangles by the electric motor, the round of worm connects to move the nut, the silk pole arouse the up work- set ascend and descend.The hydraulic-pneumatic system shows this pressure that add to press through pressure.The electricity Control system adopts contact machine and electricities to get in touch with to order to control the pressure .The electric motor is to install on the machine, can move to the regulate triangle to take in front and back loose tightly.

### 五, usage and regulation:

5.1 Before to use the machines should check the electricity control system to connect line whether right credibility.Confirm the safe rear can start the electric motor to carry on get empty to carry the run-in.If press upward button,then observe the black needle manometer of the pressure meter . While the needle reads number enlarge, should press stop button immediately, make machine to stop immediately .If not stop , the machine manometer increase, the press meter above 12 mpas will make the up iron plate

to curved of the machine. Should transpose the three lines any two lines of the power supply, the black finger not move explaining the press line is normal.

5.2 Pressure of the machine is controled by the electricity touch-point manometer, the customer can adjust the electricity touch-point manometer according the pressure of the material gum needed, the machine design the Max. pressure is 30 T. Now the packing material on the market if need to cold the pressure all not over the 30 T. So at the production the pressure should strictly controled in 12 mpa ,insure the machine cold press normal.

5.3 pressure cross tabulations:

The data of the manometer( mpa)	2	4	6	8	10	12
Actual pressure( T)	5	10	15	20	25	30

5.4 When using the machine avoid the single side be functioned , should notice the silk pole to be functioned uniformity while letting , in order to prevent the machine destroy .

5.5 Should put the liquid pressure oil into the oil container, the oil level should keep between the 30-50 mm. If the oil level low in 30 mm, should add the liquid pressure oil in time, have the red line as a sign on the silk pole of the machine. When add to press the red line is low than the cover of oil container, should stop encourage immediately.

5.6 When the oil urn encourage, first the distance should keep in 0mm between the up and down work-set .Then loosen the screw, set down the manometer , pack on a oil leak and tight the bolt, join in the liquid press oil.

5.7 The transmission part of the machine should keep good lubrication , good lubrication can prolong the machine service life. The lubrication part of the machine mainly is for ascend and descend the silk pole ,nut and the box of the worm-wheel , the ascend and descend female of the silk pole usually should add to No. 30# machinery oil. Keep clear, the worm-wheel and the worm usually should add to the lubricate fat, keep the lubrication and exchange for one time.