

NITROTIN

CANNABIS PACKAGING EXPERTS

Semi Auto Capping Machine



LPE-SCP20

(Please read it carefully before use and keep it in a safe place)

Contents

1.Preface.....	1
1.1 Basic introduction.....	1
1.2 Safety rules.....	1
2.Main parameters.....	2
3.Working principle.....	3
4.Machine structure.....	3
5.Operation.....	4
6.Mechanical Adjustment Steps.....	5
7.Fault detection and troubleshooting.....	5
8.Daily Maintenance.....	6
9.Transportation and Storage.....	6

1.Preface

Thank you for choosing our semi auto capping machine LPE-SCP20.

This manual is designed for our users to use and maintain the equipment,in order to keep the machine running in effective and stable in a long duration.

Please read it carefully before use and keep it in a safe place.

1.1Basic Introduction

- 1.This machine adopts a cylinder to push the upper pressing head to press the placed child safety cover into the bottle body, the principle is simple, the adjustment is convenient, and the force is balanced;
2. Using the latest generation of mechanical design, the can body does not rotate during the gland process, reliable and safe, especially suitable for hard child safety cover packaging;
- 3.The plunger is processed and processed by engineering plastics, which is durable and has good gland performance;
4. Using the button operation, the use is extremely simple and clear;
5. All mechanical pneumatics and components are made of internationally renowned manufacturers, the quality is reliable and stable, and the gas path design is reasonable and safe.

1.2Safety rules

1. Do not put flammable materials nearby, there is a risk of fire.
2. Never modify the internal parts and circuits of this machine by yourself.
3. Please ground the cable correctly.
4. Operate this series of machinery and equipment must be operated by professionally trained personnel.

6. During the operation of the machine, non-professional operators should not approach the machine to avoid danger.
7. Except for trained qualified service personnel, do not carry out maintenance and check parts replacement for safety. Improper maintenance and parts replacement can cause mechanical damage or production accidents.
8. When the power supply is connected, do not touch the components of the electrical control box to prevent electric shock and injury.
9. Prohibit impact or heavy pressure.
10. Check the screws of all parts of the machine before and after operation, Make sure they are tight enough.
11. Lubricate the moving parts after running;
12. Air must be turned off when repairing or cleaning the machine;
13. When the machine is running, it is forbidden to bring all parts of the human body close to the rotating positions of the machine.

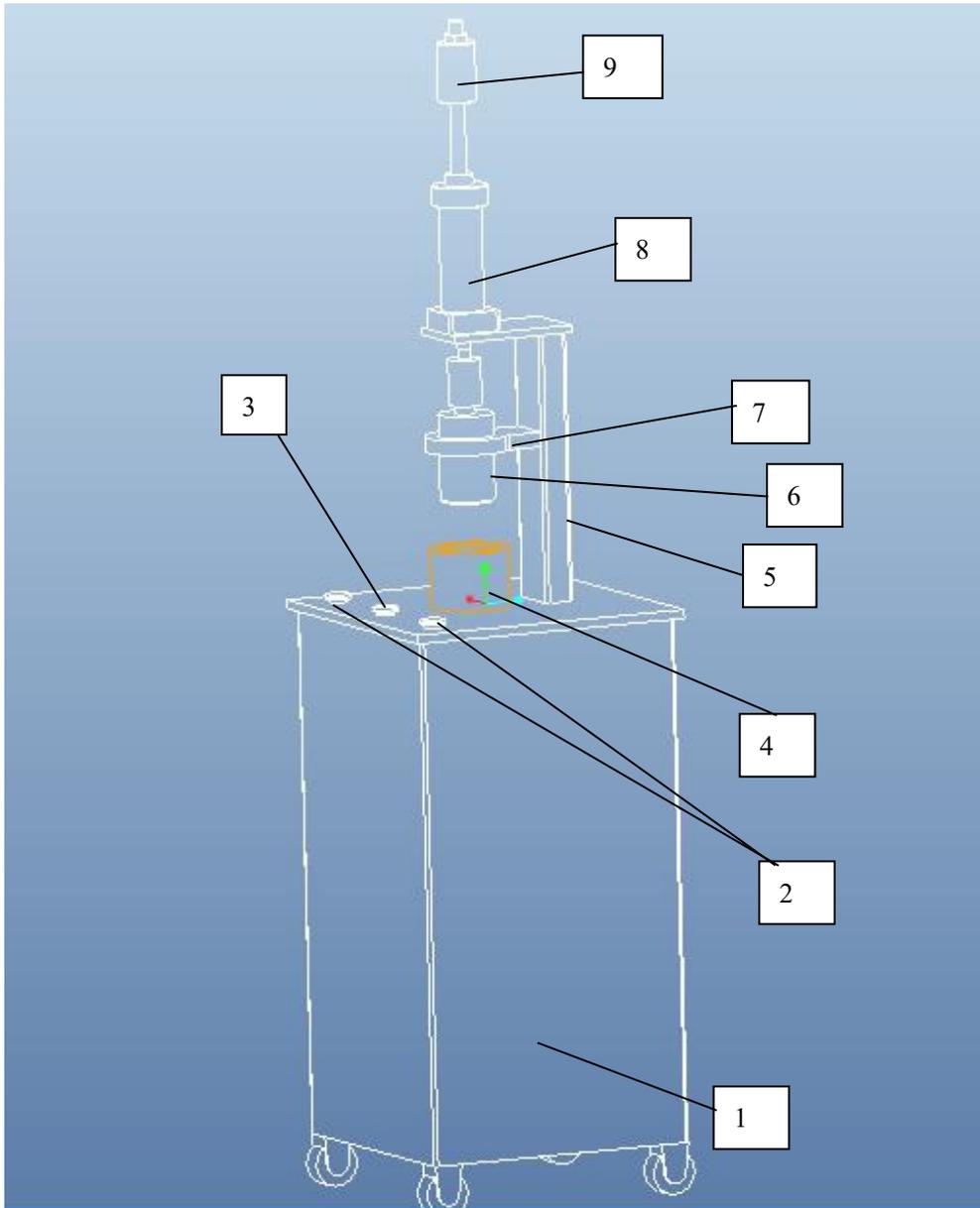
2.Main parameters

1. Plunger qty:1 piece
2. Capping speed: 20~30cans/min
3. Applicable can height: 40-200mm
4. Applicable can diameter: 35-130mm
5. Working temperature: 0 ~ 45 ° C ; working humidity: 35 ~ 85%
6. Weight: 80KG (about)
7. Dimensions: L410*W400*H1490mm

3.Working principle

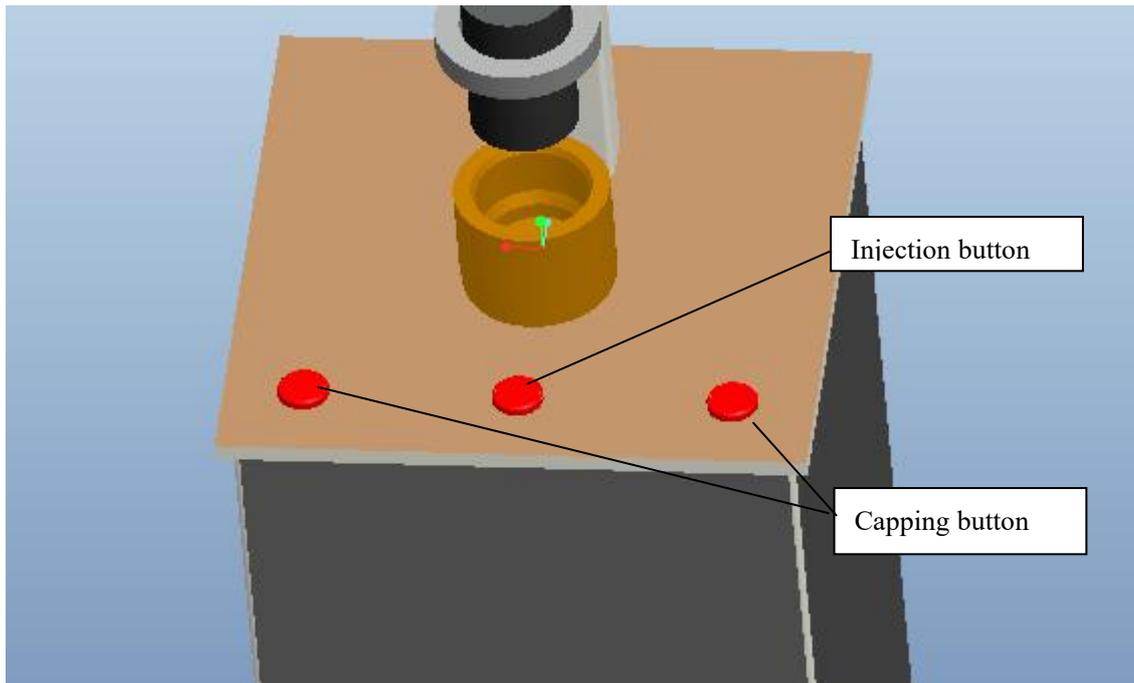
The cylinder is pushed by the button to push the plunger to apply pressure vertically. The can lid placed on the lower mold is fastened to the bottle body, and then the button is released, and the cylinder is returned to complete the gland work process.

4.Machine Structure



- 1.Machine base 2.Capping button 3.Injection button
- 4.Lower mold 5.Support rod 6.Plunger
- 7.Plunger guide seat 8.Cylinder 9.Cylinder stroke limit

5.Operation

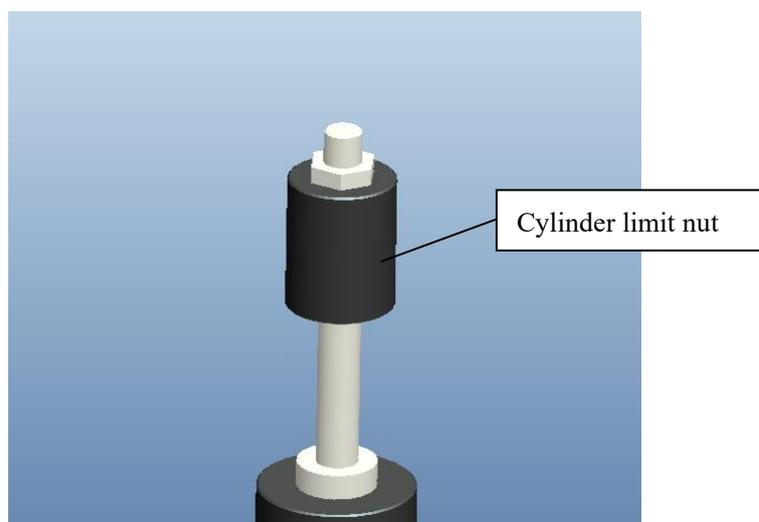


1. Place the can and lid in the lower mold position.
2. Press the capping button at the same time, plunger goes down. After the lid is tightly . fastened to the can, release the button and return the plunger
3. Press the injection button in the middle to get the can out of the lower mold.

6. Machine Adjustment Steps

Adjustment when changing bottles of different heights

1. Place the can and lid in the lower mold position.
2. The cylinder limit nut is loosened, as shown below.
3. Start the plunger down, the stroke to be pressed can be completed after the lid is tightly attached to the can.
4. Lock the limit nut.



7. Fault detection and troubleshooting

No.	Anomalies	possible reason	Method of exclusion
1	Press the capping button, the plunger does not go down.	Capping button is damaged or insufficient air pressure.	Replace button or check air pressure.
2	Press injection button, but no action.	Injection button is damaged or insufficient air pressure.	Replace button or check air pressure.
3	The device is working properly, but the lid is not completely fastened to the bottle.	Cylinder lower limit nut stroke adjustment position is not suitable.	Re-adjust the position of the cylinder limit.
4	Capping sometimes good, sometimes bad.	The mold is not suitable or damaged.	Replace mold.

8. Daily Maintenance

In order to ensure the normal operation of the machine, prolong the service life and maximize its economic value, you should do the maintenance work of daily equipment.

1. Check whether there is any foreign matter on the work surface of the equipment before use of the equipment, and whether the lifting nut is loose.
2. Check if the air pressure is normal.
3. Check whether the equipment has abnormal sound during the operation of the equipment.
4. After the equipment is used every day, the equipment should be cleaned.

9. Transportation and Storage

1. Care should be taken when transporting, loading and unloading, and it is forbidden to throw, collide and invert .to prevent severe vibration and rain.
2. The equipment should be stored in a ventilated room with a temperature range of -10 °C...50 °C and a relative humidity of no more than 80%. There should be no corrosive gas and dust in the room.

Please read it carefully before use and keep it in a safe place.

PS:All contents in this manual have been carefully checked. If there are any printing errors or misunderstandings, the final interpretation right belongs to the company; the products purchased shall be subject to the actual product.