

Konigin

Program Operation

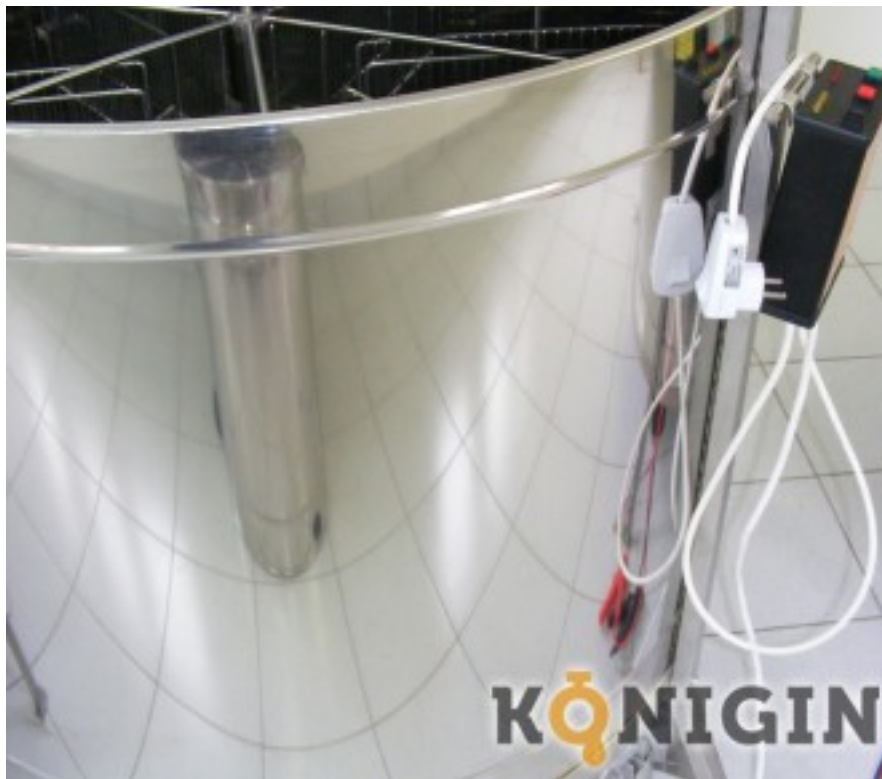


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Connecting the extractor

To run the extractor you firstly need to plug it into a suitably protected socket, you will see the LED's flashing while it cycles through its testing, open and close the clear lid of the extractor to reset the safety switch.



Timing Select

To select the desired timing program press the Program (Programm) button, below shows the timing period of each program, when the program button is pressed you cycle through the yellow LED's.

Timings are show minutes, each cycle is followed by a braking period before the next cycle starts:

	C1	C2	C3
1. Timing:	1:05	1:05	1:05
2. Timing:	1:05	2:05	2:05
3. Timing:	1:05	3:10	3:10
4. Timing:	1:05	4:15	4:15

The red LED's show which part of the cycle the selected program is running, you can cancel the selected program at anytime by pressing the Red Start/Stop button.

The speed can be increased or decreased at any time during the cycle by turning the 'Speed Selection' controller in the desired direction. Increasing or decreasing the speed does not effect the braking at the end of each cycle.

Mode Selection

The machine can work in three different modes, these are the following:

- a) Automatic back and forth rotation with timed rotation direction changes (automatic operation)
- b) The machine spins the same speed until you push stop button (Manual operation)
- c) Timed one-way rotation when the machine speed up consistently and stop at the end of the program (Speeding-up operation)

When you switch the machine one, one, two, or three of the LEDs light up, and the current selected program is shown, then all the LED's run along the line, checks all functional LEDs working.

A. Automatic Operation (back and forth rotation in three step)



Three short peeping sounds are indicative of start position of the machine. The lighted yellow LED shows the chosen program. The first period is the shortest and slowest one; the fourth period is the longest and fastest one. To start the selected program press the Red Start button!



After the Red Start button is pressed the first TIMED CYCLE is started. When the first timed cycle finishes, the machine brakes and slows down (about 10 second) after this it changes the direction of rotation and the second cycle begins. The second period of the speed automatically increase by 30% compared to the first period.



After the braking and stopping the extractor changes of direction the third cycle begins. The speed is not changed automatically. The speed is same in the second and third cycle but you can change the speed with the Speed Control Turning knob.



The machine slows down end of the third cycle (approximately 6 seconds) the exactor switches to start position; three short peeping sounds to show this. The red LEDs do not light at this time, one of the yellow LED lights and shows the current selected timing program.

You can stop the exactor any time with pressing the Red or Black button. The machine stops when the braking time is expired (which belongs to the current cycle), it returns to start position. If you press and hold the red or the black button the machine skips the braking period.

Timing periods

There are 4 timing program you can choose from (yellow LEDs), each one has different period set-up which you cannot change. You can change the timing program with the Black Program Button; one of the yellow Led shows the chosen timing program on the left side. The exactor is programmed for the following timing periods (values are given in seconds):

Timing program 1

1:05 1:05 1:05



Timing program 2

1:05 2:05 2:05



Timing program 3

1:05 3:10 3:10



Timing program 4

1:05 4:15 4:15



You can leave out the first rotation cycle and run just the second and third rotation cycles. If you do not need a three-cycle rotation, you can set up the exactor to omit the first cycle in the following ways:

- Press the green Start button and hold!
- Then press the black Choice / Program Button for a second as well!
- Release the green button!

The Machine starts and the first red LED will stay on, showing that the first cycle will be omitted until you switch the exactor off or you do the above three steps again the machine does the two-cycle rotation. If you would like to run the three-cycle rotation, you need to switch the exactor off or you need to do the above three steps again!

Manual Use

Manual start-stop, you can change the direction of rotation to suit your needs.



Three short peeping sounds are indicative of root position of the machine. The machine starts and keeps working after the green Start button is pressed.



If you press the Red Start button or the black Program button the machine brakes and the rotation slows down and switches to start position. If you press and hold the Red Start button the machine skips the braking period. You can choose direction of the rotation with the Black Program Button in start position.



Increasing the speed

To increase the speed operation (automatic increasing the speed change during the chosen timing period). In this mode, the rotation speed starts from approximately 60% of the final speed and keep increase during the chosen program. The middle red LED indicates the operation. After the top speed is reached, the cycle stops. You can stop the process with any button at any time. You can choose between four timing program with the black Choice / Program Button, they are the followings:

- 1st Timing: 3 Minutes 15 Seconds
- 2nd Timing: 5 Minutes 15 Seconds
- 3rd Timing: 7 Minutes 15 Seconds
- 4th Timing: 9 Minutes 35 Seconds

(The above minutes are approximately; it can be a few second different)

The illuminated yellow LED shows the chosen timing program you can start the program with the Red Start button. After the start the middle red LED shows the working.

Changing the direction of rotation

Before you start the exactor you can change the current direction of rotation in the following way:

- Press the Red Start button and hold!
- Then press the Black Program Button for a second as well!
- Release the Red button!

The machine will start the selected direction. The exactor memorizes this set-up even you unplug it.

Mode changing

The device can operate in three modes as you can see in "a" "b" and "c" parts. You can change between the modes. You start this with pressing and holding the black Program Button. When all the LEDs are dark but one yellow LED shows the current mode. The current mode will be changed with pressing and holding the Black Program Button and pressing the Red Start button at the same time. When you have chosen the right mode for you, release the Black Program Button. After then you will hear a continuous peeping sound and all of the LEDs light up. After the last LED lights up, the exactor restarts and the newly selected mode will begin.