Product specification

The MC-44/Vario centrifuge is suited to all kinds of vegetables.

Scope of supply

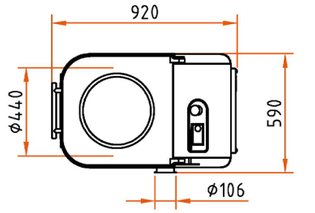
- centrifuge
- one basket

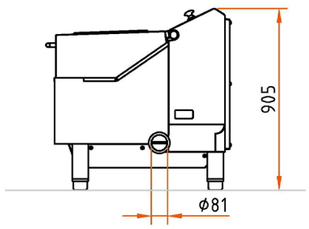
Options

- extra centrifuge baskets
- fine-mesh loose basket for small produce

Technical data

Type	MC-44/Vario
Voltage	230V, 1ph, 50/60Hz
Installed power	1.1 kW
Dimension (LxWxH)	920 x 590 x 905 mm
Speed	350 - 1,000 rpm
Centrifuge time	freely adjustable
Infeed height	560 mm
Maximum load per batch	15 kg





Patent EP 16 416 251

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MC-EN2026/1

Centrifuge MC-44/Vario

Operating principle

The Sormac MC-44/Vario centrifuge removes excess water from leafy vegetables and other cut and uncut produce.

The basket with the produce is placed in the machine. When the lid is closed, the machine will start running at a pre-set speed of, e.g., 700 rpm. The lid is locked while the centrifuge is working. When the centrifuge has stopped, the lid is unlocked and opened automatically. The basket with the dewatered produce can then be removed from the machine.
The speed and cycle time can be set by the operator using the touchscreen.

The MC-44/Vario configuration enables users to choose from 100 different programs with different cycle times and speeds of between 350 and 1,000 rpm. It features a user-friendly touchscreen for this purpose. There are also programs with a slow start and stop for delicate produce.

Furthermore, programs with a ‘reversal function’ can also be chosen. The direction of rotation is then reversed during the process, so that the leaves are dewatered even more effectively. If desired, users can create programs of their own choice.

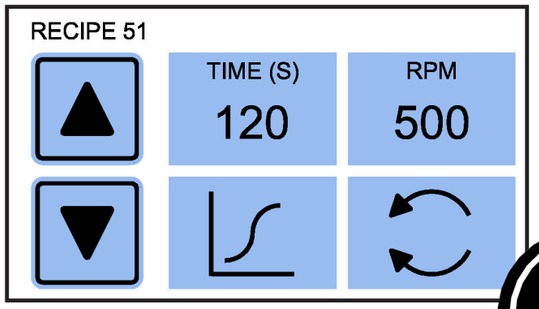
Capacity

Up to 1,000 kg per hour (depending on the specific produce and the centrifuge time).

MC/Vario features

- adjustable drying time
- adjustable speed
- slow start and stop function
- reversal function

The difference is in the details...



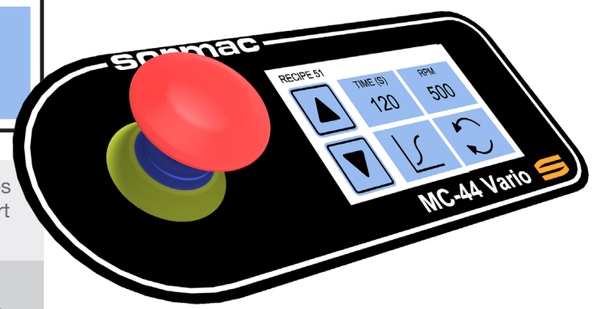
The MC-44/Vario allows operators to create recipes where spin time, speed (350 -1,000 rpm), slow start and reversal function can be set.

With the reversal function enabled, the basket rotates, halfway the cycle, in the other direction. This ensures a dryer end product.

With the slow start function enabled, the basket will accelerate gradually during the centrifuge process. This may be required for delicate leafy vegetables.

User-friendly operation

The MC-44/Vario can be operated using the touchscreen. The software offers 100 freely programmable recipes (84 recipes are pre-programmed for convenience).



Hygienic machine design

The machine features smoothly finished surfaces and has no corners, enabling fast, thorough and hygienic cleaning.

Quality materials

All parts are stainless steel or plastic.

Magnetic lid lock - 5-year warranty

The Magnetic lid lock of the Basket centrifuge keeps the lid securely closed during the spinning process and automatically releases it at the end of the cycle. Its robust, low-maintenance design ensures reliable operation and maximum safety. To underline its durability and reliability,

Sormac offers a 5-year warranty on the magnetic lid locking system.

Unique Basket Lock®

PATENT

The patented lock prevents the basket from being pushed up by the centrifugal force. A simple handle enables the basket to be unlocked when removing it.

Extremely low infeed height

The extremely low basket infeed height of only 560 mm enables easy placement and removal of the basket.

Heavy-duty bearing

Enables batch sizes of up to 15 kg to be centrifuged. This is **50% more** than many similar centrifuges