

AUTOMATIC CALF FEEDER VARIO+

NEW: With Enhanced Features



Automatisch besser.

**FÖRSTER
TECHNIK®**

AUTOMATIC CALF FEEDER VARIO+

THE HIGH-END CALF FEEDING SYSTEM FROM FÖRSTER-TECHNIK. NOW EVEN FURTHER IMPROVED.

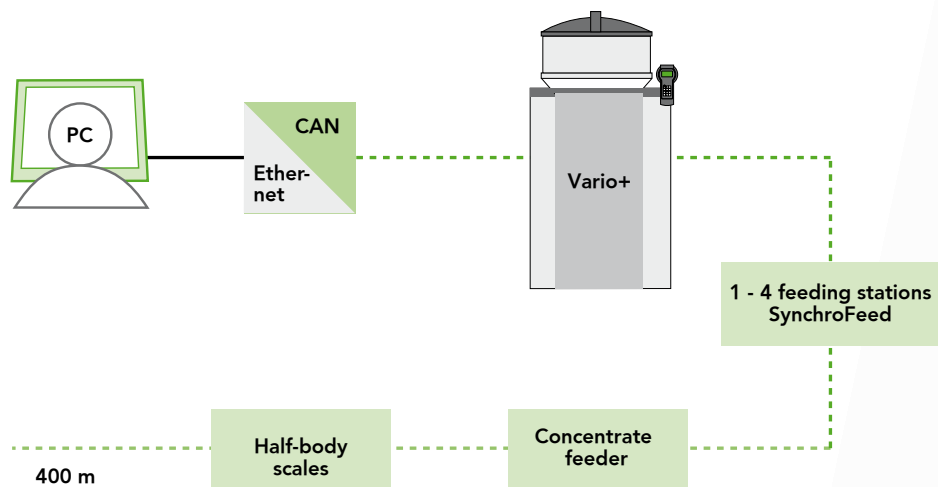
The new automatic calf feeder Vario+ fulfils all your demands towards modern calf management and grows in line with your farm and your success.

The top model Vario+ is more powerful, more flexible and easy to use than you ever might have imagined. Each Vario+ can be configured according to your individual needs. Equipped with the proven and partly improved heavy-duty components from Förster-Technik, Vario+ reliably provides up to 120 calves with feed for many years.

The new control concept via CAN-bus makes out the most of your Vario+. No matter what you would like to connect - additional feeding stations with priority or parallel operation (SynchroFeed), concentrate feeders, half-body scales or your PC - Vario+ is your complete feeding and management system.



The high-quality assemblies and the proven operating principle of the Förster-feeding technology make the Vario+ one of the most efficient calf feeders in its class. The feed is only prepared when it is needed for a calf, dumping of milk does hardly occur in practice. Both by the low power consumption and the limited detergent demands the Vario+ does not only preserve the environment but also your wallet.



Easy and more effective connection thanks to CAN-Bus.



DEMAND MORE TO GET MORE.

With Vario+ you can benefit from all advantages of the automatic calf feeders from Förster-Technik by carrying out automatically as much tasks as possible. Thereby, your calves are always of central importance and daily get everything they need for healthy growth, individually and reliably.

The right mix is the key.

Maintaining the best, improving the rest: Vario+ combines reliable, field-tested technology with premium mechanical components and new electronics. This makes Vario+ the probably best calf feeding system you can get.

Designed for reliability.

Most of the key-components are manufactured at our factory in heavy-duty quality, thus ensuring that your Vario+ will reliably work under all kinds of conditions, each day anew. All motors, e.g. of the mixer or the powder dosing unit, are designed for a long service life.

The milk pump of the Combi version is made of stainless steel and withstands the most extreme permanent strains. The heat exchangers of the Combi models consume little electricity but provide maximum performance. Thanks to the new low-energy circulation pump, lime deposits have hardly any chance.

Cleaning? That's mere child's play.

All milk supplying parts are designed for low fouling. Automatically running cleaning and rinsing programs do not only keep the intensive mixer and the heat exchanger hygienically clean, but they also clean the box valves and the suction hoses. The optional compressed-air cleaning increases the cleaning efficiency environment-friendly without cleansing agents, thus making your calves grow healthy under optimum hygiene standards.



Durable milk pump.

Intelligent feed preparation.

Vario+ contains many new ideas, so that for calf feeding nothing will be left to chance.

■ Thanks to the IQ-heating control Vario+ always prepares the feed at the optimum temperature in the mixer jar. In addition, the system takes ambient and milk powder temperature into account.



IQ-temperature sensor in the mixer jar.

■ The optional calibration scales automatically controls the dosing weights, particularly of milk powder, and rectifies them, if necessary.

■ The transparent milk powder hopper allows you to see the filling level already from a distance.

■ Thanks to the manual training pump also newly housed calves rapidly learn where the milk is.

■ With Vario+ you can feed your bull and heifer calves via up to four different feeding groups. For each group you can enter animal-specific feed quantities and feeding days as well as milk powder concentrations and milk ratios.



AS FLEXIBLE AS YOU ARE.



Keeping everything in one's hand.

The new generation of calf feeders from Förster-Technik is equipped with the user-friendly hand-held terminal as a standard. This allows you to keep everything in your hand and at the same time to throw a glance at your calves. The hand-held terminal is equipped with an easily readable and illuminated large-format display and 15 keys. Via the hot keys you can call up the desired function, access the animal control list at the touch of a button or enter the feeding plans and animal numbers directly via the numeric keypad.

To keep the powerful 32-bit microprocessor always up-to-date you just need to carry out simple flash-updates via the hand-held terminal. The PC-program KalbManagerWIN, which can be connected to the automatic feeder, offers you the opportunity to comfortably check the animals via tables and graphs from your desk and provide you an overview of the complete rearing period by mouse click.



Clear and easily readable: the animal table in the hand-held terminal.



Helps you survey calves' growth: KalbManagerWIN.



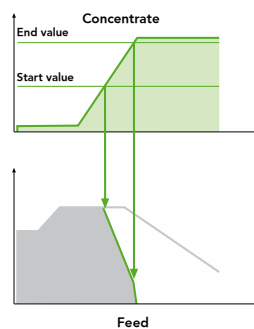
Use tomorrow's calf feeder today.

Your Vario+ will grow in line with your farm's growth. The appropriate accessories make your automatic feeder a complete feeding and management system for the highest demands now and in the future.

■ Additional feeding stations allow you to fully exploit the capabilities of Vario+. Thanks to SynchroFeed, the feed can be dispensed at up to 4 feeding stations at the same time, thus providing up to 120 calves with feed with only one automatic feeder.

■ Via the precision doser for powder additives and the dosing pump for liquid additives you can treat your calves according to their specific individual needs, e.g. with electrolytes.

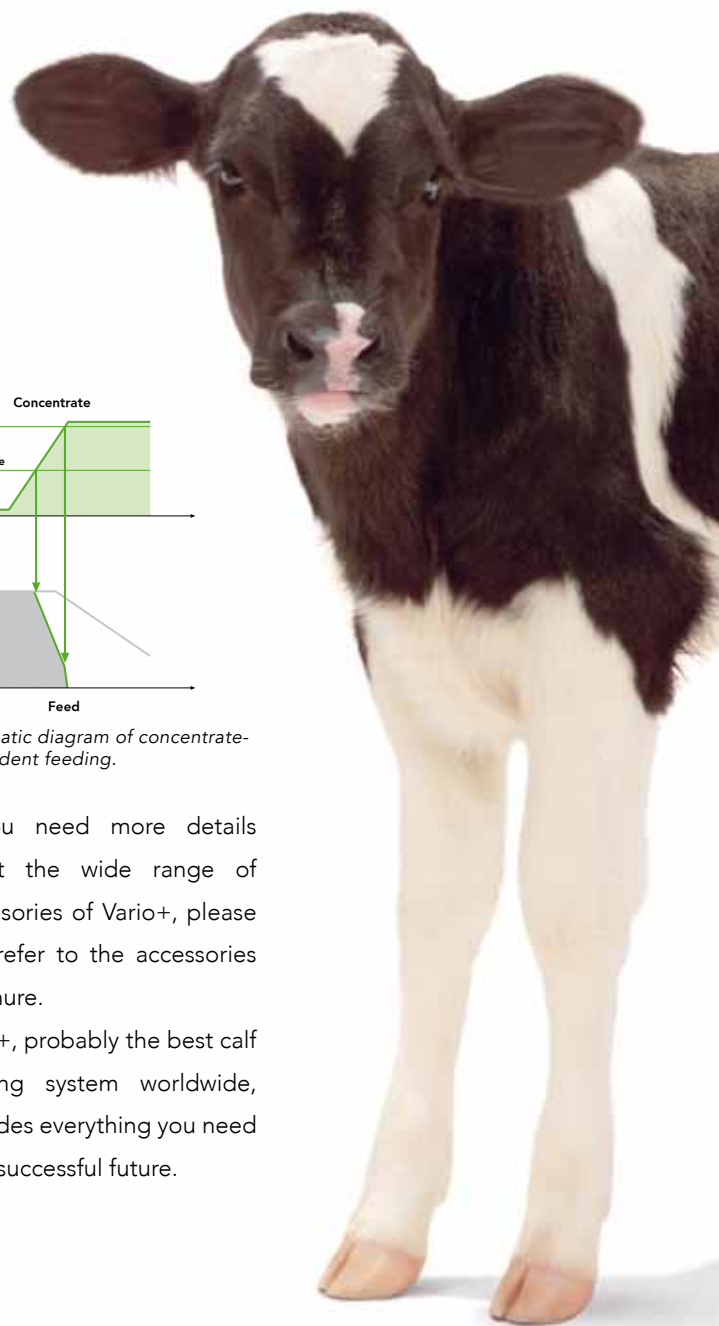
■ The concentrate feeders make you benefit from all advantages of concentrate-dependent weaning: prevention of excessive milk powder consumption and earlier conversion to low-priced feed. As soon as concentrate intake achieves a specific threshold value, such as e.g. 1 kg per day, the feed quantity is automatically reduced.



Schematic diagram of concentrate-dependent feeding.

If you need more details about the wide range of accessories of Vario+, please also refer to the accessories brochure.

Vario+, probably the best calf feeding system worldwide, provides everything you need for a successful future.



AUTOMATIC CALF FEEDER VARIO+



Technical Data

General Data

- Powder hopper capacity approx. 35 kg
- Heating capacity 5.0 kW (400 W)
- Electrical connection 230V/400V/3/N/PE, 50Hz, 16A
- Feed preparation up to 4 L/min
- Feeding stations max. 4
- Number of rearing calves 20 to 30 per feeding station (a total of max. 120 animals)

Automatic feeder models

- Milk powder feeder
- Fresh milk feeder
- Combi feeder

Serial equipment

- **+ NEW:** Hand-held terminal with 8-row large-format display and 15 keys, numeric keypad, SD-card slot
- **+ NEW:** Longlife-training pump to easily train the calves. It can be operated from the feeding station.
- **+ NEW:** Transparent milk powder hopper
- **+ NEW:** Low-energy circulation pump in the heat exchanger with separate heating circuits (with Combi and Fresh milk feeders)
- IQ-heating regulation
- Stop valve for feeding station
- Mixer draining valve
- Stainless steel milk pump 120 W (with Combi and Fresh milk feeders)

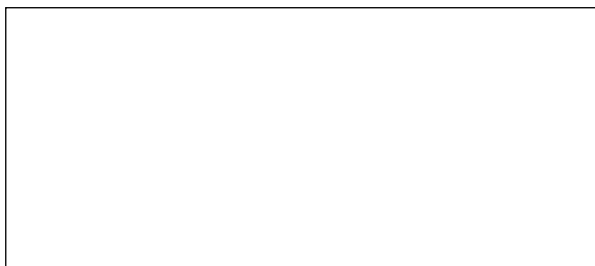
Extras and accessories

- **+ NEW:** Automatic calibration scales
- Stainless steel finish
- 2nd feeding station (priority)
- 2nd – 4th feeding station SynchroFeed
- Extension 4 feeding stations SynchroFeed
- Precision doser for powder additives with a capacity of 4 kg
- Dosing pump for liquid additives
- Servo control for distant feeding stations
- Gradient control (in case of difference in elevation between automatic feeder and feeding station)
- Electronic vapour screen for milk powder and powder additive outlet
- Large fly protection. Can be mounted together with precision dispenser or dosing pump.
- Profi kit for Combi and Fresh milk, consisting of:
 - Fully automatic heat exchanger and valve cleaning with detergent dosing pump
 - Stainless steel milk pump 250 W
- Detergent dosing pump for Powder/Water-feeders
- Pulsating compressed-air cleaning
- Powder hopper top section with 50 kg storage capacity

Extension options

- Concentrate feeder
- Half-body animal scales
- PC-program „NetTerminal PC“
- PC-program „KalbManagerWIN“
- Förster-gateway CAN-Ethernet

Presented by:



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Specifications are subject to change without prior notice (11/10)

Automatisch besser.

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