

FORTY YEARS OF BEING AUTOMATICALLY BETTER



Automatisch besser. **FÖRSTER
TECHNIK®**

40 YEARS OF BEING A PIONEER AND WORLD MARKET LEADER.

Many experts were sceptical when automatic feeders were first introduced into the market in the early 70s. Martin Förster, who was an expert in calf feeding at that time, saw the matter differently. With pioneering spirit, courage and good ideas, he developed advanced automatic drinking and feeding machines.

Outstanding innovations.

As early as 1980, Förster-Technik introduced the first automatic feeder system, which was controlled by feeding computers of its sales partners, who were renowned manufacturers of milking and cattle feeding systems. The ultimate breakthrough came in 1989 with the introduction of the first stand-alone automatic feeder which, with its integrated process computer, was able to independently execute all of the important calf feeding functions. Numerous patents and awards demonstrate that Förster-Technik has been a driving force of innovation in the field of agricultural technology for the last 40 years and will continue to be one in the future.



Automatic feeders from Engen for the whole world.

Put into practice more than 60,000 times.

Förster-Technik has manufactured more than 60,000 automatic feeders – with ever increasing sales – and is therefore the uncontested leader in the world market. This is the result of countless ideas and suggestions for further development which, ideally adapted to particular markets, you can profit from every day – in keeping with Förster-Technik's motto „Automatically better“.

Automatically better with a system.

At the turn of the millennium, Förster-Technik introduced the Förster-Kälberdorf (calf village), a modern, outdoor climate housing system for calves, which ideally combines the requirements associated with ensuring the good health of the animals with those relating to operational efficiency. A short time later, Förster-Technik became involved in new business areas with the development of pasteurisers for drinking and calf milk and a fully automatic bioanalysis device. Today, these business areas are pillars supporting the company's success.



Precise manufacture for precise performance.

Future oriented leadership.

Förster-Technik is an owner-operated company which is characterised by a family-style atmosphere. Today about 100 highly qualified employees are part of the company. Everyone feels personally responsible for the company's success. With its future-oriented concepts and solutions, Förster-Technik has answers for tomorrow's farmers. The arrival of the new generation at the top management has not changed this.



Thomas Förster and Markus Förster

**FÖRSTER
TECHNIK®**
VARIO+



FEEDING AS NATURE INTENDED.

In modern animal husbandry, the conflicting needs for high standards of economy, labour reduction and animal welfare have to be reconciled. Whether it is calves or lambs, the devices from Förster-Technik ensure healthy growth and your success.

Greater precision and reliability.

Do not leave anything to chance when it comes to the growth of your young animals. The correct preparation of feed is decisive for the optimal utilisation of feed and animal health. Every machine from Förster-Technik is a high-precision, high-tech device which will work dependably and consistently for many years. Even under difficult conditions, it reliably provides just what the young animals need.

As individual as nature.

The devices from Förster-Technik personally know every single young animal and give it the correct amount and mixture of feed to allow it to grow up healthy. If you rely on an integrated feeding and management system, each animal will be automatically provided with what it needs for its individual development.





Eco automatic
lamb feeder



Compact+ automatic
calf feeder



Vario+ automatic
calf feeder



As fresh as nature.

The devices from Förster-Technik meet the highest hygiene standards, are easy to clean and ensure clean growth in this way. The precise temperature control, electronically adjusted to suit the surroundings, ensures the solubility and digestibility of the feed.

More flexible than nature.

The automatic feeders, feed distribution systems, automatic concentrate feeders and calf milk pasteurisers from Förster-Technik can be expanded to meet needs and offer the right solutions for every operational situation and herd of young animals.

FROM A TO Z: AUTOMATICALLY RELIABLE.

Förster-Technik feeding and management systems automatically ensure ideal development of calves in dairy cattle and in feeding and fattening businesses.

How much should be automated?

Whatever your needs are, Förster-Technik has the right devices for your operation, your rearing goals and the number of young animals you have. In addition, you receive accessories and extra equipment which make life better automatically. All of our products are designed for flexible use on the basis of our many years of experience in the most varied applications.

Using innovative electronic and control concepts, you have every possibility to integrate individual animal data which is provided by the devices, for example, with external herd management systems.



Your virtual calf barn.

Which is the right one?

Compact+ automatic feeder; our entry model for dairy farms. Vario+ automatic feeder as high-end model with performance reserves and a variety of peripheral options. Each device offers individual equipment attributes, but they share one thing: the best prerequisites for the healthy growth of your calves.

Accessories & extras.

Excellent extras complete the device programme. With SynchroFeed you can feed your calves at four feeding stations simultaneously.



SynchroFeed

You can also combine your automatic feeders with the electronic animal scale, the automatic concentrate feeder and the PC program into an integrated feeding and management system. In this way you meet the prerequisites for Precision Calf Farming – the calf-raising method of the future.



Already gained weight again?



Vario+ automatic
feeder



Concentrate
feeder

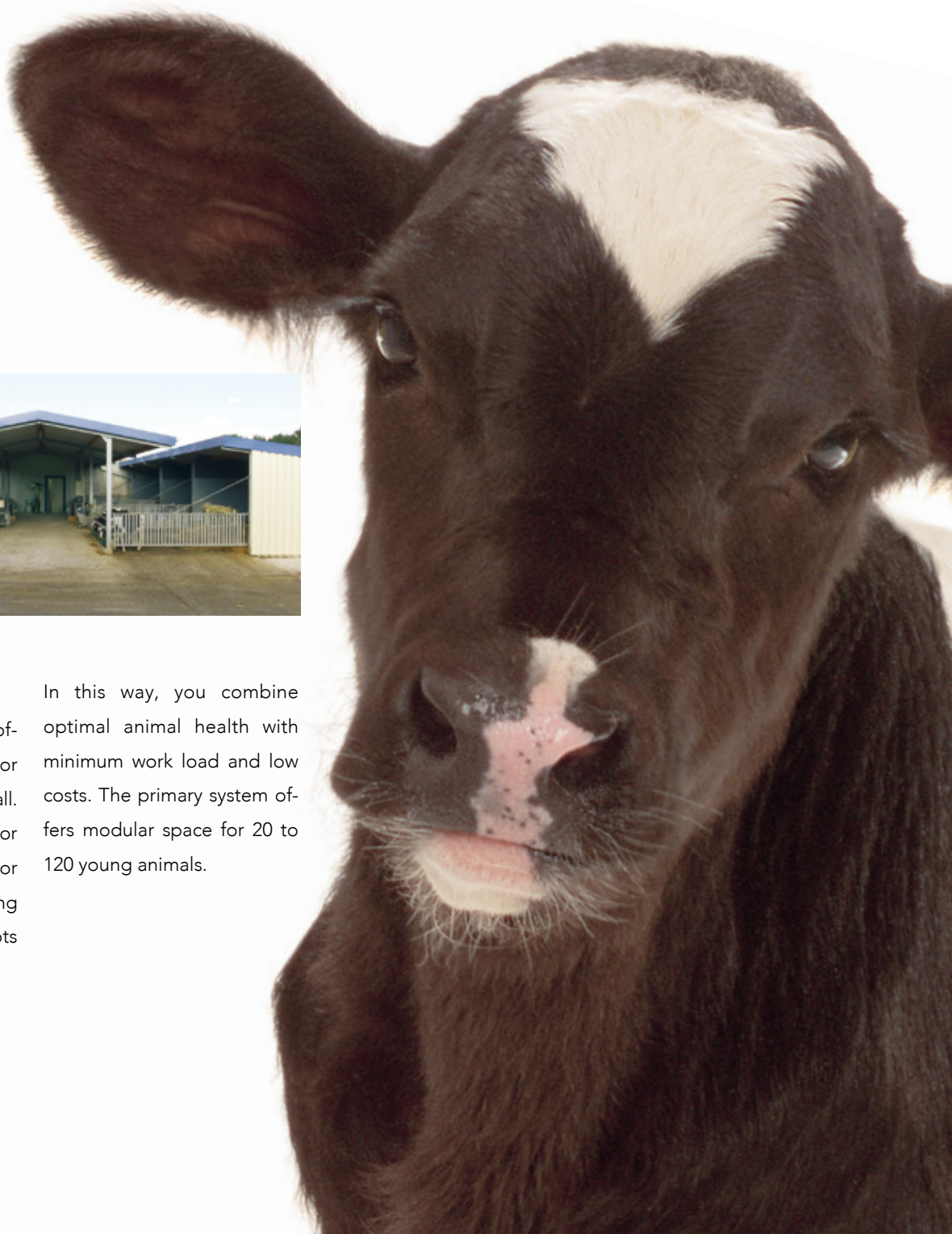


The calf is happy here.

Förster calf village.

The Förster calf village offers the best prerequisites for healthy growth in an open stall. Spacious lying down cabins for resting, an exercise yard for playing and roofed feeding places for every calf – and lots of fresh air.

In this way, you combine optimal animal health with minimum work load and low costs. The primary system offers modular space for 20 to 120 young animals.



THE MILCHMOBIL MAKES MILK MOBILE.

The MilchMobil from Förster-Technik makes it easier for you to mix, warm up, transport and dispense feed, for example, for calves in individual barns or igloos.

The MilchMobiles from Förster-Technik are your "mobile milk filling stations". They save a significant amount of work and time in the mixing and transporting of milk. The MilchMobiles have a robust stainless

steel chassis with large-volume pneumatic tyres. The easy-to-clean horizontal stainless-steel milk tank, the powerful mixer and the milk heater ensure quick and optimal feed preparation.

Tried and true design.

Proven during many years of actual use, the MilchMobil is available with volumes of 100 or 180 litres in four versions: the tank trolley for transporting the milk, the mixing trolley for preparation of milk replacement feed, the heating trolley for warming of milk and the combi trolley with mixer and heating.

Equipment.

Each MilchMobil is fitted with an easy-to-read litre scale and a thermometer. Especially when using milk substitutes, this simplifies the preparation of feed. Accessories, such as the dosing pump with portion control, save you time and help you dispense the feed accurately.



Convenient and precise dispensing



Dosing pump with portion control



Intensively mixed





Eco automatic lamb feeder

A STRONG START WITH ECO.

Automatic feeders from Förster-Technik have proven themselves worldwide in the raising of lambs and kids. They provide low-labour feeding and ensure the healthy growth of the animals.

The automatic lamb feeders from Förster-Technik are extremely cost-efficient and affordable. With one device you reliably and safely feed up to 240 lambs at up to eight feeding stations. The devices are very robust since many of their components are based on tried-and-true Förster-Technik calf feeder technology components. At the same time the automatic lamb feeders are exactly adapted to the individual needs of your young animals.

Ad-lib machines – feeding until full!

The lambs ingest their feed via a sucking teat as desired. The feed, which consists of

water and milk substitute (MP), is prepared hot and fresh in small portions in feeding boxes and quickly and intensively mixed. The water remains constant at the selected temperature, thanks to the special built-in boiler.

Operation made easy.

The automatic lamb feeder can be easily and intuitively operated thanks to its compact control unit and the 7-segment display. The clear operating field makes it possible to call up the most important functions by direct selection buttons.



Intuitive operation



PASTEURISERS

TYPE-TESTED
according to the milk regulation
at the TUM in Weihenstephan



KompaktPasteur



MaxiSteam ER

MAKE MORE FROM MILK.

For direct milk marketers, the KompaktPasteur simply makes more from milk. It is based on the functional principles of our heat exchanger, which has been used in practice thousands of times. When it comes to pasteurising milk for calves, the MaxiSteam ER really puts calf growth into a higher gear.

KompaktPasteur.

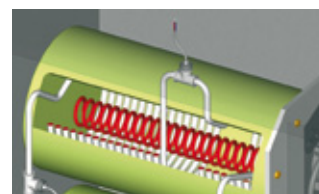
Make your market.

With pasteurised milk from your operation, you will supply whole new groups of customers, from kindergartens, schools and hospitals to private individuals. Simply and automatically implement new ideas for new products with the KompaktPasteur.

Flexible and economical.

Up to 1,000 litres of milk a day are pasteurised by the compact pasteuriser in continuous flow process in a heat exchanger while saving energy and costs by heat recovery. The compact pasteuriser is seamlessly

integrated into your already existing processing chain. The pasteurising is fully automatic; the data relevant for operational documentation is recorded.



Coiled tube heat exchanger

MaxiSteam ER.

Ensured growth.

Cow milk is still the most valuable animal feed for calves. The animals develop in a healthier way and gain weight faster. The high costs of milk

substitution also make milk feeding an interesting economic proposition. Provided that the milk is effectively pasteurised.

Advantages.

Heating by steam: no sticking in the event of a high proportion of colostrum. Continual high-temperature pasteurisation; that means flexible amounts. Fast: up to 240 litres per hour. Naturally including automatic cleaning.

The MaxiSteam ER with integrated heat recovery sets standards for productivity and economy.

EXPLOITING OESTRUS.

The fertility and reproductive performance of your herd are decisive factors for the economic viability of your milk production. For that reason, the exploitation of oestrus is one of the most important tasks in the management of dairy cow herds.

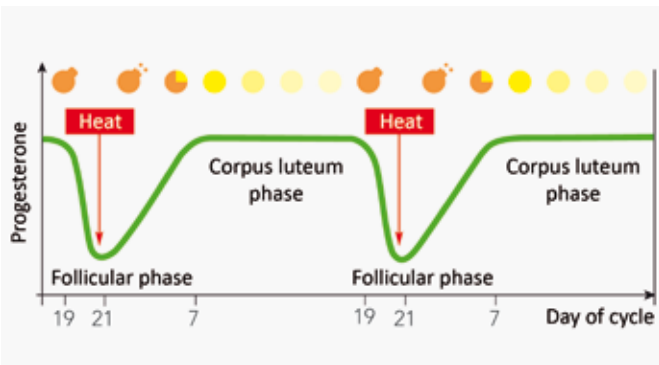
Measurement of progesterone at the farmyard.

Fertility and metabolic processes of agricultural animals can have a decisive effect on the economic viability of entire branches of the operation. To influence these processes, exact knowledge of their parameters is required.

With the Multilyser biochip analysis device, Förster-Technik is bringing high-precision analytic technology from the laboratory to the agricultural business. Developed together with the Fraunhofer-Institut, it is based on competitive immunoassay and analyses, for example, of the hormone progesterone in blood and milk. So that fertility bears fruit.



Multilyser – biochip analysis device for milk and blood.



Progesterone curve during two oestrus cycles.

WE TAKE THE SUBJECT OF SERVICE PERSONALLY.

Personal, direct contact to farmers and sales partners is especially important to us. Only this way can we quickly find out about wishes and ideas so that we can respond with suitable technical solutions.

Consulting service for farmers.

For questions about feeding, selection of models and all other application related topics, both our sales partners and our own specialists are pleased to help you. Also use our extensive informational material and the large internet site – including the hotline: simply automatically better.

World-wide success.

Quality and innovation lead to success everywhere. This can be seen by the sales success of Förster-Technik in more than 40 countries. Well-qualified staff as well as local sales partners and dealers make this possible.



Company grounds in the district of Konstanz.

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