

 **feedstar**

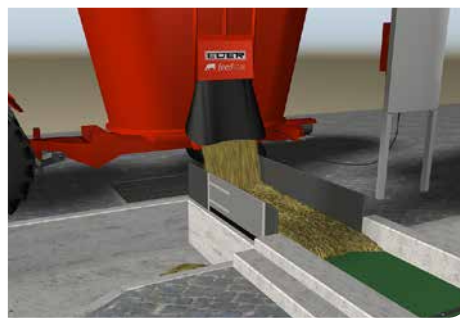
The automatic feed system

*The economic and tough solution  
for animal-friendly feeding*



**feedstar** is the economic, flexible system for automatic feeding. The **feedstar** belt automatically brings the feed to your animals – as many times as you wish, day and night. The tough system can be adapted to suit virtually every barn situation.

EDER feed mixing scales with hybrid drive system



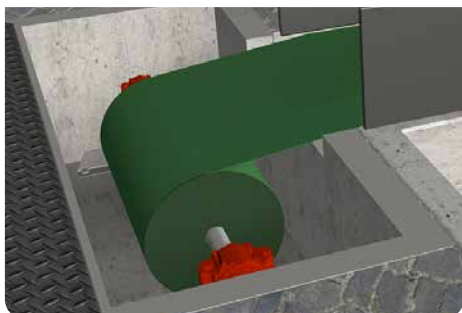
Controller



Feed mixing scales: portable or stationary



Belt return system



Feed residue with container





Build your *feedstar* system in modules:

**Basic equipment:**

- feed belt with drive system and cable winch

**Modules:**

- Controller
- EDER feed mixing scales with hybrid drive system
- More feed belts, in one or two rows

Feed belt



Drive with cable winch



## The benefits for you

- You save time and physical work: *feedstar* provides the feed as often as necessary – fully automatically – and at any time you choose. You no longer have to shovel in the feed or clear away the uneaten feed.
- Optimize your costs: Reduce overall space requirements, since you no longer need room to maneuver tractors, and achieve a higher milk output through flexible feeding.
- Feed your cows animal-friendly and increase your milk output: *feedstar* provides your animals with feed day and night. *feedstar* is the ideal complement to a milking robot.

# **feedstar** Operating principle

The **feedstar** belt automatically provides your animals with feed. You choose the feeding times to suit your needs.

**01** Connect feed mixing scales to controller.

**02** Feed falls on to the feed belt.

Dispense feed

Collect feed residue

**06** Feed residue falls into the return area.



The feeding cycle is repeated as often as you wish, depending on the feeding times.



**03**

Feed belt takes feed ration to the animals.

**04**

The feed belt automatically services the set feeding area

**05**

Feed belt returns remaining feed residue.

# **feedstar** Save time and reduce your work

**feedstar** saves time and reduces your work - giving you time to do other jobs. No more manual shoveling or sweeping. The feed belt returns unused feed to the feed residue area – guaranteeing a clean and hygienic feed alley.

*"feedstar allows me to spend more time with my calves. The feed belt means that I have less work in the big barn."*

*Farmer*

## Use your time flexibly

- You no longer have to bother about the time-consuming task of feeding the cows with mixer wagons or silage feeders.



*More time: Use the time you save for other tasks, such as feeding calves.*



### Reduce physical work

- The feed belt pushes the feed to the cows and cleans the feed alley automatically.



*No shoveling: The animals are able to reach their feed across the entire width of the belt.*

### Enjoy the reliability

- Tough design guarantees durability
- Minimum maintenance



*Easy to operate: Control the speed and feed cycles with the automatic controller or by remote control.*





*feedstar* is ideally suited for coordinated feeding. Feed several groups at the same time – production groups, dry cows and mother cows. The feed belt conveys the mixed rations to the respective groups. That ensures calmness and promotes healthy animals.





### Flexible feeding

- Higher milk output: When feed is provided often, several times a day, it encourages the cows to feed.
- Variety: Individual rationing for different production groups.
- Ideal in combination with a milking robot: Flexible feeding times are the ideal complement to flexible milking times.
- Also suitable for sheep, goats and beef cattle.

### Animal-friendly feeding

- Optimum accessibility: The animals are able to reach their feed across the entire width of the belt. With a feed trough solution, the rations always remain on the belt.
- Healthy barn climate: The animals are protected from dust and exhaust gases, as no tractor is needed for feeding.
- Improved animal health: Frequent feeding ensures an optimal pH level in the rumen.
- More calmness in the barn: Lower-ranking animals are also able to feed.
- Better hygiene: **feedstar** ensures a clean feed alley.

"The pH values in my rumen are optimum. This is due to the almost continuous supply of feed from the belt. That keeps me healthy."

*Milk cow Ella*

*The feed belt dispenses feed with individual rationing suitable for the respective milk output.*

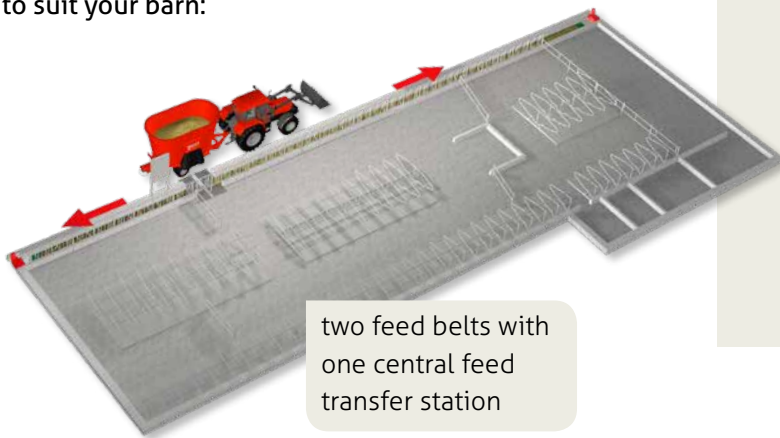




# Can be adapted to suit virtually all barn situations

**feedstar** is an especially space-saving system for your barn. It can be adapted to suit your individual building layout. You choose the length and width you want. Available in single or two-row options.

Install the **feedstar** system to suit your barn:

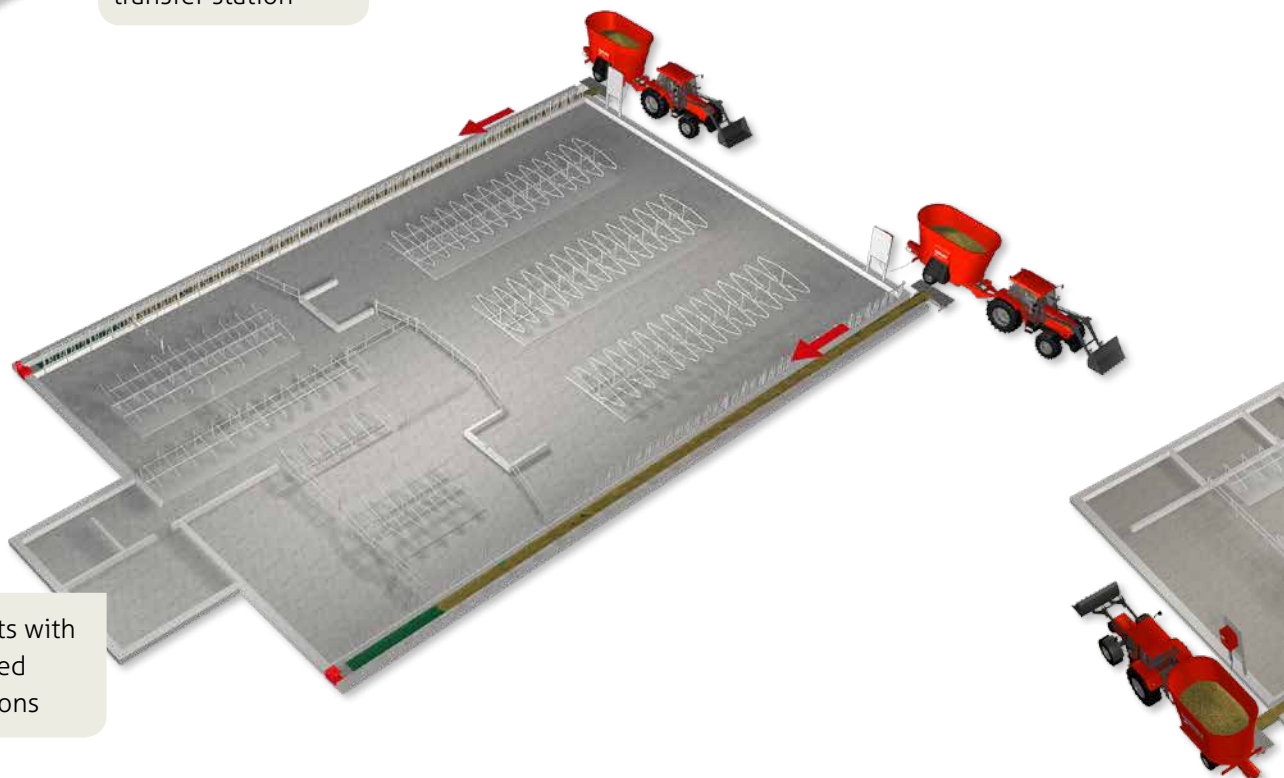


## Benefits for new barns

- Save costs when building a new barn: Smaller building needed because of the narrow feed belt.

## Benefits for barn conversions

- Gain more space when converting a barn: Since you don't need a large area to maneuver a tractor, you can increase your herd with no additional space requirements. The narrow **feedstar** feed belt gives the animals more room to move around.



two feed belts with individual feed transfer stations

*Gain space: no need for a wide driving area.  
With **feedstar** you use the space in your barn efficiently.*



## Advantages in case of height differences and long distances from the bunker silo

- No matter whether you have to overcome height differences or long distances from the bunker silo: with **feedstar** you can feed automatically where other systems fail.



With **feedstar**, you are flexible: the feed belt can be adjusted to take account of height differences in the building.



### *Good investment:*

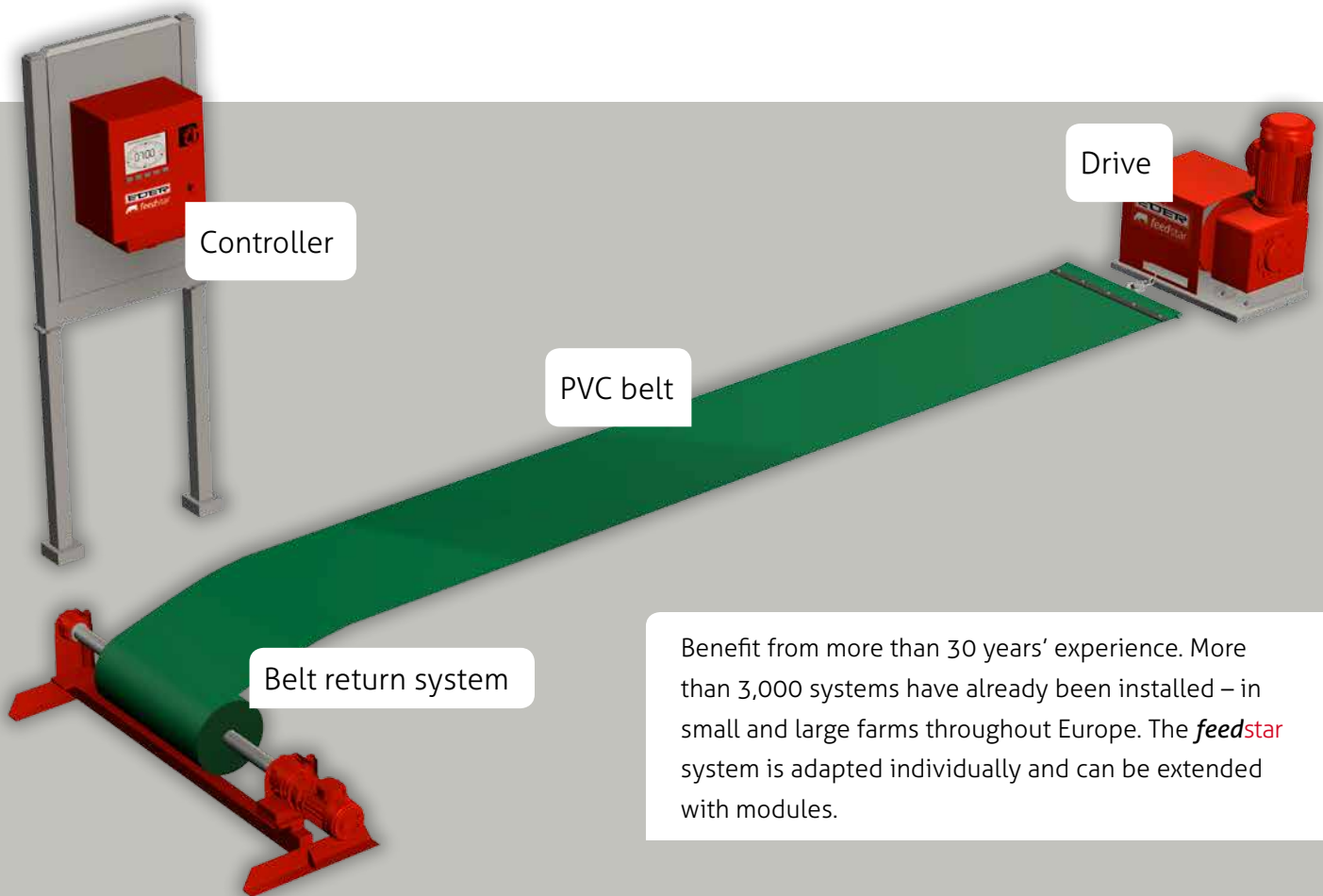
profit from the low cost of acquisition compared to other automatic feed systems. Expand your system in modules – as you need them.

### *Save follow-on costs:*

with **feedstar** you have very little wear and tear and low maintenance costs.



# Automatic feeding with feedstar



Benefit from more than 30 years' experience. More than 3,000 systems have already been installed – in small and large farms throughout Europe. The **feedstar** system is adapted individually and can be extended with modules.

## Technical data

### PVC belt

- Glass fiber reinforced PVC, tear strength 20 t
- Food-safe, resistant to feed acids
- Belt thickness: 2.5 mm
- Belt length: up to 100 m
- Belt width: optional

### Drive

- Speed: optionally constant speed(s) or infinitely adjustable between 5 and 12 m/min
- Controlled with the press of a button, by remote control or with the automatic controller
- Strong winch and stainless steel cable
- Automatic limit switch
- Automatic return device

Install the tough **feedstar** system in your barn.

Let us advise you.  
Your contact person  
will come to you.

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