



## Lely Cosmix feeder – if cows deserve a little more

Feeding cows individually is an acceptable way of managing the body condition score. By managing the supply of concentrate in this way, you will maximise general health, milk yield and fertility of your cows and improve milk/feed efficiency.

## Cost effective feeding

The Lely Cosmix feeder provides accurate information about the additional concentrate feed and the intake of cows. Additional concentrate feeders are used to balance the ration for low and high yielding cows, or to distribute extra feed types to cows that require it. The Lely Cosmix is fully compatible with Lely's Astronaut milking robots and is connected to Lely's T4C management program. It allows regular concentrate feeding parallel to the concentrates supplied in the milking robot, stimulating a stable rumen pH. Moreover, it allows you to regulate the feeding based on milking times resulting in a higher stimulation of cows to visit the robot more often. Cows are not allocated any concentrate through the Cosmix when they need to be milked. Once milked the allocation will continue.

## Balanced per cow

When a cow enters the Lely Cosmix, she is identified through her neck or leg identification tag. Because each animal's daily ration is continuously calculated, the Lely Cosmix will immediately assess if the cow should eat, and how much. No feed is wasted, because feed is dispensed according to her eating speed.

## Additional concentrate for your dry cows as well!

Dry cows are often placed in a calving barn or straw pen during the last transitional weeks before calving. These cows cannot be fed in the robot but it is of paramount importance that they receive sufficient concentrate. Therefore, it is ideal to install an additional Cosmix feed station here.

The Lely Cosmix is robust and reliable, consisting of stainless steel and durable materials, provides you a long-lasting solution for individual feeding on your farm.

## Feeding minor feed quantities with increased precision

The feed is dispensed into specially shaped feed troughs. This allows you to feed very small portions with increased precision. Another feature is that the dispensing position avoids the risk of moulding and cake wastage is reduced to a minimum.



### Users say:

"Lely Cosmix offers my best cows, just the little extra they require."  
Denmark



### Key benefits

- Well balanced concentrate supply.
- Improves robot visit frequency.
- Stimulating stable rumen pH.
- Integrated in the T4C network.
- Individual feeding.
- Feeding tuned with robot milking intervals.
- Durable and long-lasting.

## Attractive options

The Lely Cosmix feeder comes with one feed type as standard. It can however be fitted with a further three feed types as an optional. The four feedtype dispensors are then neatly built-in one next to another.

Another option: control of the feed augers by the Lely Cosmix. This is cost-effective because no additional sensors are needed to start and stop the augers.

A feed detection sensor can also be installed as an option. This sensor detects the presence of feed in the hopper. If none is detected, an alarm will be generated.

## Lely Cosmix P – feeding even more cows

Since the cows can take their feed in a protected environment, the Lely Cosmix P provides the possibility to dispense larger portions – or feed at a faster rate – without the animals being chased away. Consequently, total feeding capacity is doubled.

## Lely Cosmix P – feed detection sensor

The Lely Cosmix P comes with a feed detection sensor as standard to detect the presence of feed. If no feed is detected, an alarm will be generated. This, generated alarm, gives an early warning that bridging has occurred in the hopper, or the supply auger is broken. In extreme cases it may be that the main feed bin is empty.

### Lely Cosmix P – integrated protection gate

The Lely Cosmix P is fitted with a unique protection gate (M-box). The design and shape of this gate is such that other cows cannot trouble the cow standing in the feeder station. Research has shown that a concentrate station with a protective gate reduces aggression within the herd. More importantly, the risk is reduced of a cow being chased away from the feeder station by a higher ranking cow. The Cosmix P reduces competition and avoids stress and injuries, e.g. of the udders.

