



ECO FEEDER™

AUTOMATIC
LAMB & KID FEEDER



THE ON-FARM NANNY YOU'VE BEEN LOOKING FOR

The Grober ECO Feeder™ is an automated feeding system that provides consistency and healthy growth for your young lambs and kid goats. No more hand or mob feeding bottle babies.

Give your bottle fed lambs and kids the consistency of a warm supply of milk. Always available for frequent feedings and in small meals. Mimicking natural feeding preferences and making sure that young animals are receiving the nutrition that is vital to their survival.

The ECO Feeder™ is a robust machine making it ideal for many different farm set ups. The ECO Feeder™ is adjustable and mobile to meet the needs of your young animals. Each ECO Feeder™ can feed up to 240 lambs or kids.

Ad-lib feeding

Young lambs and kids naturally prefer smaller more frequent meals. The ECO Feeder™ provides a consistent supply of meals to keep your young animals healthy and growing. The ECO Feeder™ prepares fresh small portions quickly with precision every time. A built in boiler ensures that the water is kept at the desired temperature, so each meal is provided warm. Powder is accurately dispensed and intensively mixed so each meal is fresh, nutritionally balanced, and ready.

Display panel

With a clean front facing display panel, the ECO Feeder™ is easy to operate, offering a compact seven segment display. Configuring your water and milk replacer size is effortless with the direct selection buttons. The digital display records how many mixes have been made. Making it a visual 'check-in' to monitor how much your lambs or kids have been eating.

Always warm, always ready

The built-in boiler temperature sensor ensures that every meal is always mixed at the right temperature.

Cleaning

The ECO Feeder™ comes equipped with a semi-automatic cleaning cycle that is easy to operate. The mixing jar tilts forward to allow for accessible easy cleaning and visual inspection. Hoses can be cleaned with the provided hose cleaning tool to remove any debris or deposits that interfere with milk flow.

Group feeding size

Depending on size and age of the lambs or kids, approximately 20-30 animals can be fed per feeding station.

The ECO Feeder™ comes standard with 8 feeding stations per machine. For a grand total of 240 animals.



Positioning feeding stations

The ECO Feeder™ comes with mounting plates for the teats, offering various placement options depending on the age of your lambs or kids. When first training younger animals on the feeder, it is recommended to use the lower placement where the nipple sticks out into the pen from the bracket.

When the animals become more comfortable drinking from the ECO Feeder™ and as they grow, it is recommended to change the placement of the teat so that it is set within the mounting plate.

Mounting plates are height adjustable so as the lambs and kids grow, the nipples can be positioned at a comfortable height.

Fly screen

The standard porous fly screen keeps fly contamination to a minimum. The porous screen allows for natural ventilation, and prevents condensation from building up in the mixer jar.

Intensive mixer motor

A magnetic drive mixer motor is installed into every new ECO Feeder™. The robust design allows for easy and quick separation making it accessible and service-friendly.

Easy change of mixer glass, mixer rotor, mixer electrode, and grounding electrode allows for simple and cost effective solutions.

Frequently asked questions & general tips on ECO Feeder™ setup and maintenance

Considering the following checklist before installing an ECO Feeder™:

- ✓ Required electrical service 240V (min 236 volts)
- ✓ Cold reliable water supply
- ✓ Frost free environment for the body of the machine
- ✓ Ability to ground the machine
- ✓ Ideal distance of tubing to pens 6 feet (max 8 feet)

For setup alternatives, pen layouts, and cold barn solutions contact our team for a consultation on how an ECO Feeder™ could work on your farm.

Hose length and placement

It's best to have hoses as short as possible from the machine to the feeding station where the animals will drink. Consider setting up your training pen (the youngest and newest animals to the machine) right beside the feeder for shortest lines. As short as 2 feet. Ideal recommended length for feeder line is 6 feet (maximum 8 feet), with no loops in the lines.

Machine height and placement

The ECO Feeder™ is a gravity based feeding system. Because of this, placement is important to guarantee proper flow and feeding resistance. Placement should be on a level floor/base where the lambs or kids will be. With a gravity flow machine, it's ideal to keep the lines level to give minimal resistance.

Training animals on the ECO Feeder™

In the first 24 hours of introduction it's imperative to be vigilant with training and frequent visits to the nursery to get animals up and manually feed them with the ECO Feeder™.

Investing time and patience with new animals will result in the greatest success. A strong suckling reflex will be beneficial to animals adopting the ECO Feeder™ as their primary source of milk.

Weaning animals from an ad lib machine

Various options to facilitate weaning include:

1. Increase the length of hose. This increases the difficulty and effort to get each meal.
2. Reduce the number of feeding stations to the weaned group.
3. Remove the feeding station(s).

Keep in mind the age of weaning and provide free access to water and grain. Talk with your Grober Young Animal Specialist for more weaning recommendations.

What's the cooler for?

You will notice that your ECO Feeder™ comes with a small blue cooler box. This is to regulate water pressure. The water is dispensed on-time to the machine and it's important that pressure remain consistent.

To install, the cooler must be above the machine at a minimum of 8 feet. You can hang it off a low ceiling or run a 2x4x8 vertically beside the machine, install the supplied bracket and hang the cooler box at the top.

Ground your ground

Ensuring a proper ground is essential for longterm use of your ECO Feeder™. Have a certified electrician look at your setup if uncertain.

Calibrate and clean your ECO Feeder™

Calibration instructions come with each machine. Consider calibrating on a regular monthly schedule and with every new order of milk replacer. To calibrate, you will need a small scale for measuring.

There is a cleaning setting on the ECO Feeder™. Cleaning is not automatic and should be part of a regular maintenance schedule.

Winterizing

Don't let the machine freeze! There are varying options when it comes to creating winterized freezing solutions and using an ECO Feeder™ in cold temperatures. If you will not be using the machine during the winter, move it into a non-freezing location. Even after proper cleaning, water can still remain inside the machine and cause damage if frozen.

Replacement parts and maintenance parts

You can order ECO Feeder™ parts from our office in Cambridge, Ontario during regular office hours.

Toll Free 1.800.265.7863 or local 519.622.2500.

There is an online catalogue with all the parts for two models of the ECO Feeder™ at www.grobernutrition.com/products/parts-catalogue

Cost

Contact our office for a quote on an ECO Feeder™ including shipping and freight, if needed.



THE TAIL END

ADDITIONAL DETAILS ON THE ECO FEEDER™

Included in your purchase of an ECO Feeder™:

- Electronic heating regulation with minimum temperature monitoring
- Electrical water level indicator
- Intensive mixer motor consisting of motor, motor housing, mixer rotor and seal
- Transparent powder hopper
- Hose cleaning pistol
- Fly screen
- Mixer heating
- Water tank (blue cooler) with connecting hoses
- 8 height adjustable front plates, teats, suction brackets
- Feeder hoses
- 1 year warranty from date of purchase
- 1 bag of Grober milk replacer of your choice

Helpful accessories to have for installation:

- 240V plug outlet
- 240V plug for machine *not included
- Garden hose
- Hose clamps
- Consider insulation options to prevent freezing
- 2x4x8 to mount the water tank above the feeder

Technical information

- Powder tank capacity approximately 35Kg
- Heat output 2.8kW (240V)
- Electrical connection 240V/L1, L2/Grd/60 Hz/15 A
- Feed preparation 2.5 to 3 L/min
- Feeding stations up to 8 stations
- Total feeding capacity 240 lambs or kids

ECO Feeder™ dimensions

Height 114 cm x Width 64 cm x Depth 52 cm
Weight approximately 34Kg



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MORE THAN JUST MILK REPLACER

We offer premium quality, balanced nutrition, hands-on research and a variety of products for your farm.

We're your young animal specialists blending the art and science of young animal nutrition. Proudly Canadian.

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