



MILKSHUTTLE



Power + Convenience =
GREAT EASE OF WORK



FEEDING
TECHNOLOGY
*specialized
in calves*

www.urbanonline.de

MILKSHUTTLE

Three wheels for ANY terrain

Feeding calves is heavy physical work, and moving 100kg or more several times a day is not an infrequent occurrence. Coping with inclines, rough terrain, or ice and snow during the winter is especially difficult.

The Urban MilkShuttle has been specifically designed with a view towards such daily challenges:

- 3 wheels for optimum mobility and all-terrain capability - especially for steps, rough terrain and during the winter
- No sudden setting in motion: Automatic stop for secure park position even on hills
- Available with and without drive
- Extremely small turning circle
- Well thought-out functions
- Practical accessories



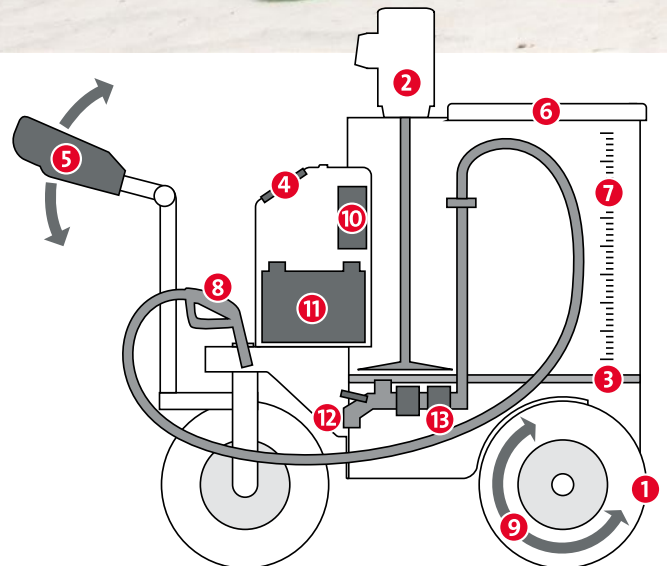
MilkShuttle
100

MilkShuttle
150

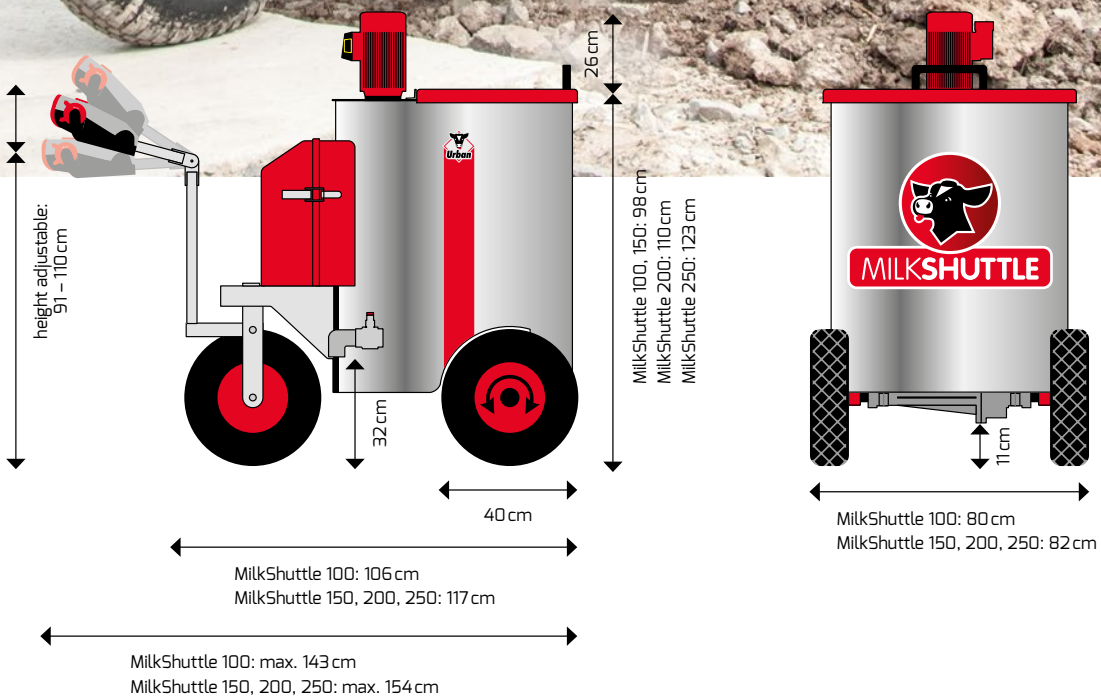
MilkShuttle
200

MilkShuttle
250

- | | | | |
|---|-------------------------------------|----|---|
| 1 | Wheels (Ø 40 cm) | 8 | Pump nozzle |
| 2 | Agitator motor | 9 | Drive, infinitely variable (forwards / backwards) |
| 3 | Floor heating | 10 | Power electronics |
| 4 | Control electronics / control panel | 11 | Battery (12 V) |
| 5 | Handle | 12 | 1.5" drain valve |
| 6 | Lid with seal and closure | 13 | Pump (battery operated) |
| 7 | Quantity scale | | |



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Driving

Take the load off your back –
feed easily – without
force and strain

- Easy to operate - calf feeding the
easy way
- Physical ease of work



Time savings

Feeding 30 calves
by bucket:
25 minutes



Feeding 30 calves
with the MilkShuttle:
only 11 minutes

All-terrain capable thanks to 3 large
wheels and a strong electric drive

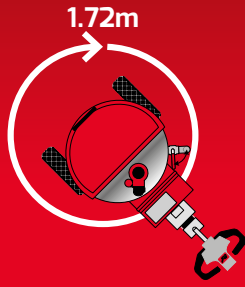
- Drive and large tyres
- Both ensure you can reach your calves effort-
lessly, even when dealing with:
 - Snow, ice
 - Rubble
 - Inclines
 - Steps



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Small turning circle

The three-wheel design of the Milk-Shuttle makes it very manoeuvrable while providing excellent traction.



Automatic stop

- No sudden setting into motion
- Secure park position – even on hills



Strong electric drive

- Speed which adapts to your walking pace
- Infinitely variable transmission
- Forwards and backwards gear



Emergency stop



Puncture-resistant tyres

Never get up in the morning again to discover you first need to repair a flat - our tyres now have as standard a highly elastic synthetic material core instead of being filled with air. This makes them puncture-proof and maintenance-free. In addition, the own weight of the tyres also helps stabilise the extremely all-terrain capable MilkShuttle.



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Stirring / Mixing



Heater

- Control panel – simple and clear – all relevant data such as charge condition of battery or actual temperature of milk are quickly retrieved
- 3 different starting times (morning, noon, evening) for heating up milk
- Can be equipped as of 150 litres with small (3kw) and large (6kw) heating power
- For quick heating to optimal feed temperature



Fast stage for non-clump mixing of concentrated milk powder.



2-stage agitator for whole milk or CMR

Slow stage for gentle mixing of whole milk during heating – the interval timer prevents the milk from burning.



Mixing table in the lid

Always mix the water and milk powder correctly for perfect feed concentration.



The **indestructible quantity scale** in the container serves to reliably read the milk feed quantity.



Dosing out

Lockable lid

- No spilling over of milk, even across bumpy distances



Simple dosing out

- Programming of 3 different dosing out amounts.
The preset amount is dosed out and the milk flow stops automatically after the required amount has been issued.

Quick dosing out in 0.1 litre steps, for exact and cost-efficient feeding

- Via switch at drawbar head
- With dosing out nozzle
- With start button at the operating panel

Ergonomically formed pump nozzle

- Used like at the petrol station: large buckets or troughs are easy to fill this way.



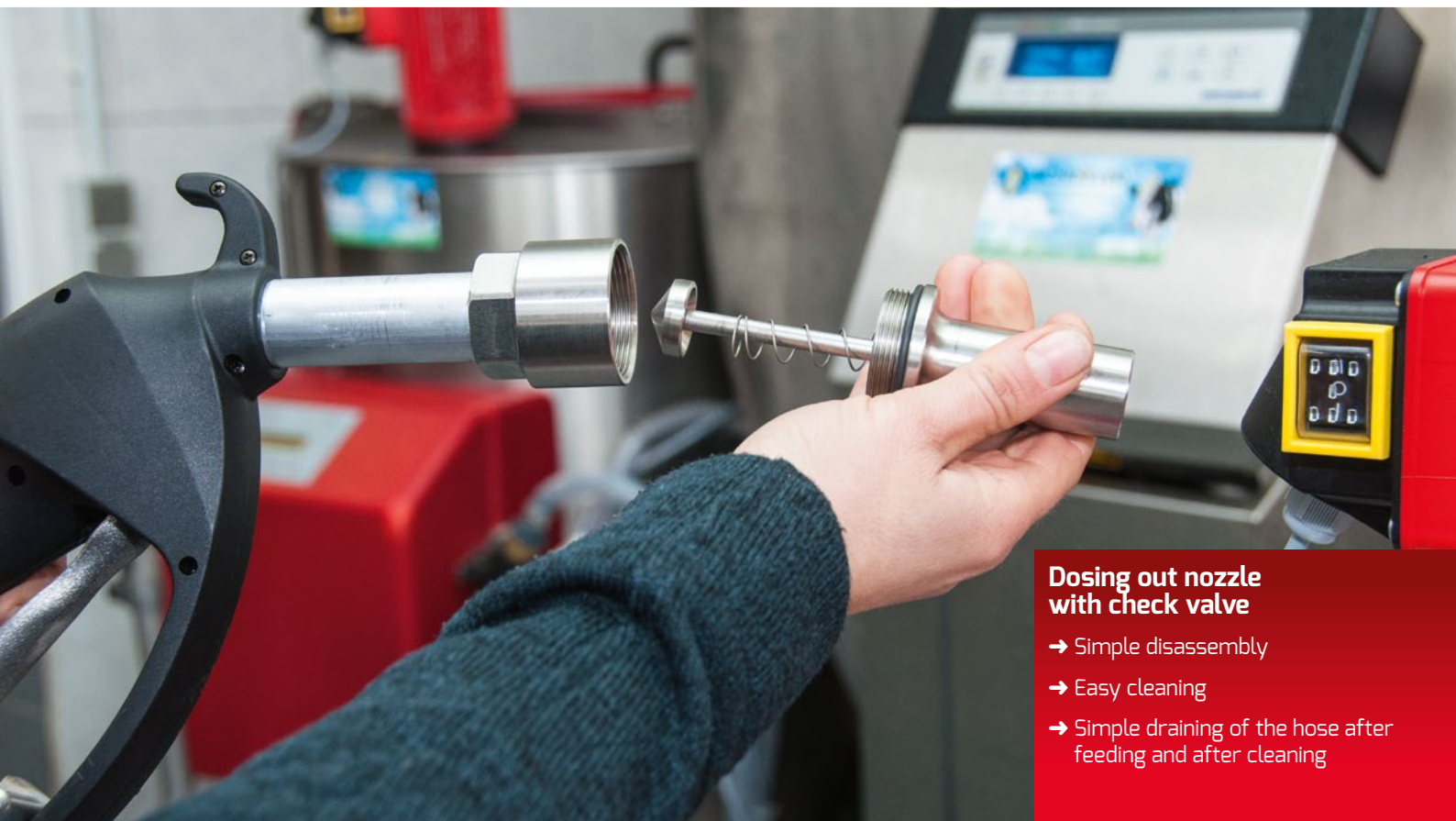
Cleaning



The cleaning water circulating through the hose cleans the container, the hose and the pump nozzle from the inside.

Rinsing program

Drain valve- for easy draining of the MilkShuttle after feeding and cleaning.



Dosing out nozzle with check valve

- Simple disassembly
- Easy cleaning
- Simple draining of the hose after feeding and after cleaning

Accessories

Added extras make the MilkShuttle even more indispensable for calf feeding. The vacuum lid of the MilkShuttle simplifies filling in milk from milk cans. The can holder transports two milk cans or feed bowls to the hutches, thus saving an extra work step.

Headlight at the handle

The headlight at the drawbar head provides good visibility even during the dark time of the year. It illuminates the way, simplifies control of the calves in winter, and keeps your hands free for other things.



Whole milk feeding

The whole milk lance allows you to use the MilkShuttle as a whole milk hopper for CALFMOM feeders.



Connection for drench gear

With plug-in coupling at side rising line below the lid.



Drench gear for cows

For the drenching of cows shortly before or after birth - such as in the event of E.coli mastitis.



Towing hitch

The towing hitch lets you easily attach a trailer - e.g. the Urban Caddy - to the MilkShuttle so that you can take all of the buckets, cans and other accessories directly with you to the calves' pens.



Tiltable accessory holder

Have all important things such as colostrum, bucket or cans with you at all times.



Insulating sheath

Keeps the milk at the desired temperature for a long time - this saves energy!



Caddy



Different sizes for the Caddy:



1 level



2 levels



3 levels (full capacity)

Vacuum lid for easy filling with fresh milk

The vacuum lid of the MilkShuttle simplifies filling in milk from milk cans or milk tanks.

The milk is simply sucked in via a hose to the MilkShuttle. Filling milk from heavy milk cans is now child's play, and your back will thank you.

Caddy - Everything in one go

Take along teat bucket and accessories directly.

Many dairy farmers use the MilkShuttle to supply their calves with milk every day. However, not just the milk needs to be transported: the teat buckets must be collected for cleaning and returned as well. To prevent backtracking along the same route, the Caddy was developed as a trailer for the MilkShuttle. This trailer provides room for up to 24 teat buckets, milk cans and quite a lot of accessories such as water, animal feed or medicines. After cleaning the teat buckets they can be hung upside down on hooks to dry.

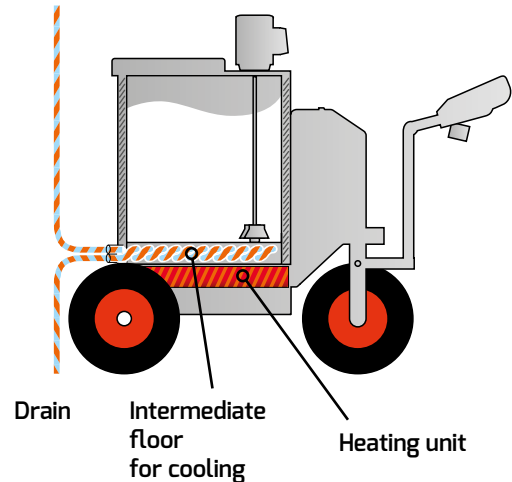
MILKSHUTTLE Pasteurizer

The MilkShuttle with pasteurization function

- Temperature during pasteurizing phase adjustable gentle pasteurization is also possible
- Cooling via intermediate floor – small amounts as of 10 litres can be cooled
- Energy efficient



Water supply



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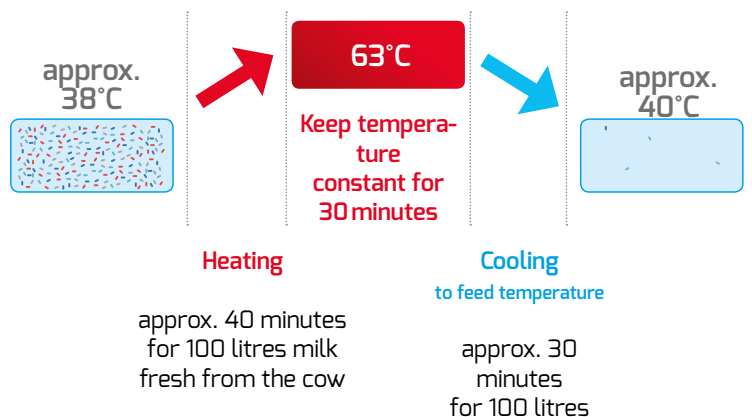
Heating/Cooling unit in the housing floor
 For the Urban MilkShuttle Pasteur, the heating/cooling unit is in the housing floor below the milk. Even smallest amounts of milk can be cooled quickly and efficiently without losing thermal energy via the outer wall of the container.

Pasteurizing the right way – seamlessly and without recontamination

During pasteurization, the heating of the milk reliably kills off germs and bacteria. The milks is more digestible for your calves, and problems with diarrhoea are avoided.

Pasteurizing is not equal to pasteurizing!

With the Urban MilkShuttle Pasteur you have a powerful heater (6kW) and an efficient cooling. The slowly rotating agitator ensures continuous and complete circulation of the entire container content. It also prevents the milk from foaming, which can be a reason for incomplete pasteurization.



Reference farms

**Rinderzuchtbetrieb Derboven,
(cattle breeding farm)
Lower Saxony**

250 litre MilkShuttle top seller
with can holder



Sedlmeyer GbR, Bavaria

150 litre MilkShuttle top seller and
Caddy



**Fragner GbR,
Bavaria**

100 litre MilkShuttle
top seller and Caddy
as well as calf hutches





Innovations putting practice into practice



Urban GmbH & Co. KG Your partner for feeding technology specialized in calves - worldwide

Since 1984, Urban has been developing, producing and distributing calf milk mixers, calf feeders and concentrate stations as well as animal-friendly rearing systems for calves. Thanks to its own farming background, Urban offers practical solutions for your calf rearing. Calves fed by CalfMom feeders are healthy and vital, and calf death losses are low. This rearing phase already includes the metabolic programming for high milk and life performance as dairy cow from which you profit later on.

Urban products such as the MilkShuttle and the CalfMom are the standard in modern calf rearing today. This has been repeatedly confirmed by many satisfied customers. Over the course of years, the demand for Urban feeding technology and stall systems has expanded consistently. In the meantime, Urban devices are in use worldwide in more than 50 countries on all five continents. Urban employees are on the move for you worldwide, providing and implementing individual solutions for you. With the expanded production and new training centre building, Urban is building for the future. This ensures that knowledge will be transferred between the worldwide operating retailers and Urban.

Take advantage of the modern calf feeders and calf concentrate feeders as well as the hutches and outdoor climate stalls for the time- and cost-saving, healthy rearing of your calves. You will contribute significantly towards economical success and secure the future of your farm.



Nicole Urban-Sprock, Helmut Urban and Thomas Sprock.



Visit us at:



www.youtube.com/user/calffeeding

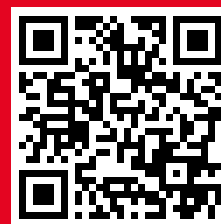


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