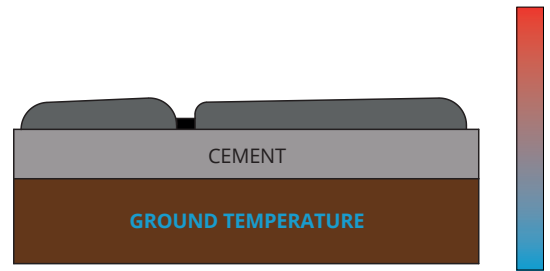


Waterbeds

Waterbeds provide optimal lying comfort. When the animals lie down, they are floating on a layer of water to avoid any pressure points; this will result in fewer joint problems and better animal welfare. With the cows standing on the waterbed, their legs will push the water directly underneath aside for a stable position.

A waterbed also has an insulating effect; the water is cooler than the environment in summer, and warmer than the environment in winter. Very pleasant for the animals. On top of that there is a strong relationship between the temperature of the lying area and milk leakage. Cooler means less milk leakage.



Waterbeds will regain their original shape after the animal has moved away; a convex shape. This helps to discharge any moisture from the waterbed and allows for faster drying. Dry and hygienic. A waterbed will therefore require a small amount of litter and, perhaps more importantly, is saving labour for the dairy farmer.

A waterbed consists of two thick layers of rubber that are vulcanised to one another at the edges. Plastic reinforcement is inside the rubber. As a result, the rubber layers are very strong and last a long time. And water? That remains water. In short, a waterbed lasts for many years without compromising the comfort.

Cost-wise, it can be said that waterbeds constitute a substantial capital expenditure, even more so if compared to deep litter, but in terms of annual expenditure the waterbeds are among the most economical solutions (depreciation over more than 10 years, less labour, less litter, good hygiene).

In short: a waterbed for optimum cow comfort and better returns.

Waterbeds come in a number of widths to suit the various stall widths. The water compartments are sealed with a special shut-off valve.

There are two kinds of waterbeds:

- **Single waterbeds**, in which the water compartment is one unit;
- **Dual waterbeds**, separating the front (knee) from the rear (belly/hock) water compartment. This gives the Dual waterbeds extra knee comfort.



Dual waterbed

In Dual waterbeds is a separation between the front (knee) and the rear (belly/hock) water compartment. The knee compartment is filled with water in such a way that a cushion of water is always present under the cow's knees when she is lying down. The details of comfort!

Dual waterbed, important features:

- Available for various stall widths;
- The standard length is 183 cm;
- 2 filling points, 1 on the front and 1 on the back;
- The PE knee bar allows you to set the stall length to suit the herd;
- 10-year reducing guarantee.



Dual waterbed

Delivered on customer defined length per cubicle row, including:

- 2 stainless steel side profiles for waterbed 183 per defined length
- total amount of aluminum top-strips
- total amount of stainless steel nails
- total amount of stainless steel closures.

Freestall width:

- 05.03.110 110 cm
- 05.03.112 112,5 cm (44")
- 05.03.115 115 cm
- 05.03.117 46" (117 cm)
- 05.03.120 120 cm
- 05.03.122 48" (122 cm)
- 05.03.125 125 cm

Junior: for Bed sizes:

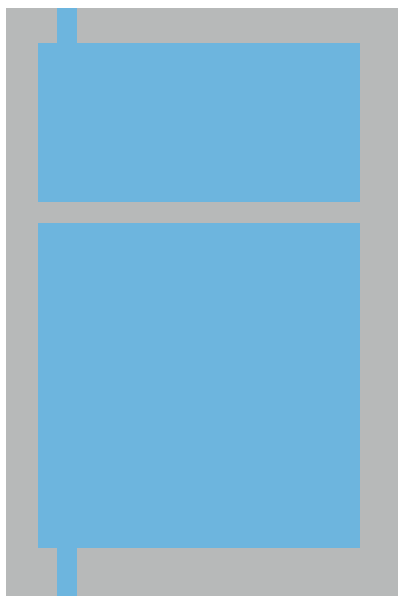
- 05.03.086 86,3 x 160 cm (6 - 10 months)
- 05.03.096 96,5 x 183 cm (10 - 18 months)
- 05.03.107 107 x 183 cm (18 - 22 months)

Needed per project:

- 05.10.880 Socket punch (1 per delivery)
- 05.10.855 Filling kit, with nozzle, water meter and ball valve

Optional (when needed additionally)

- 05.10.910 Stainless steel side profile for waterbed 183 cm
- 05.10.905 Stainless steel side profile for waterbed 160 cm



PE125 knee rail - material thickness 7.3 mm

- 01.90.351 PE125 knee rail - green, length 6 m
- 01.90.364 Coupling for PE125 knee rail
- 01.90.375 Cover for PE 125
- 01.90.360 Mounting clip for knee rail PE125 (1 mounting clip per 1.10 - 1.25 m)
- 11.11.210 Floor anchor M10 x 71 (2 per mounting clip)