

Ideas out of experience!

MEIER-BRAKENBERG

Soaking
Cooling
Disinfection



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3 in 1

Soaking

Cleaning in half the time

A pipe system above the pens is individually equipped with nozzles, depending on the stable layout. Cross-leads for each pen are fitted to a pipeline in the stable's central corridor. The soaking unit with pre-set intervals operates at the front end of the pipeline. The change between spraying and rest period is the basis for water-saving and effective soak-

ing. Excrements soak during spraying intervals and pores open. The next „rain“ flows through those open pores thus completely moistening even thick layers of dirt which can be rinsed off easily afterwards. Cleaning time is halved and water consumption reduces accordingly.

In brief:

- One pipe system for 3 functions: Soaking, cooling and disinfection.
- Quick and easy to mount even single-handedly.
- For dirty resting areas also available with special nozzles which help to direct animals to certain dropping areas.

Soaking Unit

MBWeich 100:



- Standard solution when it comes to soaking.
- Spraying times adjustable from 1 to 999 seconds.
- Intervals of 1 to 5999 seconds.
- 230 Volt connection, ready to plug in.
- Robust design.



Disinfection

with the Soaking Unit

- Soaking nozzles spread the disinfectant solution inside the pens.
- Even output of accurate amount in exact concentration.
- Health protection - no need to enter pens during disinfection.
- Saving time - disinfection at the push of a button.

Disinfection Pump

MBDes:



- Draws pre-mixed solution.
- Mounted as bypass into central distribution of soaking unit.

Soaking nozzle in operation. The fine mist moistens all parts of the pen evenly.

3 in 1

Cooling for higher performance

Special cooling nozzles set the water in rotation, generating very fine water mist which then evaporates. The energy needed for evaporation removes heat from the air --> the air temperature falls.

In brief:

- Very short intervals for cooling process, for example spraying 1 second, rest period 8 seconds.
- Effective cooling without wetting animals.
- Use of a combination nozzle or a separate line depending on the ventilation system.
- Pressure release ensures the exact compliance with spraying intervals; pressure release without using nozzles.
- Individual planning and design for any stable.

Soaking Unit

MBWeich 200:



- Cooling and soaking unit with temperature sensor.
- Spraying time adjustable from 1 to 999 seconds.
- Intervals of 1 to 5999 seconds.
- Simple operation.
- Activation of separate pressure valve.
- Robust design.



Central control unit for MBWeich 200 and filter, pressure release, disinfectant connection.



Cooling in fattening stable.

Combination nozzle with the cooling nozzle mounted at the top and the soaking nozzle mounted at the bottom. A ball tap allows easy changeover from soaking mode to cooling mode.



Cooling with low pressure decreases temperature peaks by up to 5 °C and increases performance of animals in stables.

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Disinfection mobile, fast and safe



The **Disinfection and Foam Trolley** disinfects pens, aisles in stables, loading ramps and silos in a fast and reliable way.

The disinfecting solution is mixed inside a scaled 50 or 200 l container so that dosing accuracy is guaranteed. A disinfection pump underneath the trolley ensures thorough mixing of the solution.

The fine drop flat jet lance achieves high output rates.

For example, at an output quantity of 0.4 l/m² as specified by the DVG it takes one minute to clean approx. 20 m² stable surface area. If necessary, cleaning and disinfecting solutions can be rinsed off quickly with the lance.

Foam Trolley: Certain substances should be foamed up to improve efficiency. The Foam Trolley provides homogeneous, long-term adhering foam that ensures reliable effectiveness. The integrated compressor adds air. The Foam Trolley has all the lances needed to hand.

Alzogur application

The application of Alzogur or other substances that require spreading in coarse drops is done with the Alzogur Set. The substance is aspirated directly from the Alzogur container, the trolley is filled with water in front of the pen. The coarse drop sprinkler head ensures fast and safe spreading of the solution.

Disinfection Trolley

MBDes50



Disinfection Trolley

MBDes200



Foam Trolley

MBDes200SW



| Type | MBDes 50 | MBDes 200 | MBDes200SW |
|-------------------------|-------------------------------------|-------------------------------------|-----------------------|
| Width/depth/height (cm) | 45/60/110 | 62/80/147 | 68/87/157 |
| Container capacity | 50 l | 200 l | 200 l |
| Pump | Cast iron, stainless steel optional | Cast iron, stainless steel optional | Stainless steel, 230V |
| El. connection | 230 V/50 Hz | 230 V/50 Hz | 230 V/50 Hz |
| Output hose standard | 20 m | 20 m | 20 m |
| Wet disinfection | + | + | + |
| Foam soaking | - | - | + |
| Foam disinfection | - | - | + |
| Alzogur spreading | - | Alzogur Set optional | Alzogur Set optional |

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