

Optimisation of the silage process



Minimum application volumes
Optimal distribution of silage inoculants
Flexible mounting

Highest quality silage with the MAFEX® ULV-spraying system!

The ULV-technology (Ultra-Low Volume) from Mantis gives you optimal results when applying liquid silage inoculants to grass, maize or biomass directly from a chopper, forage wagon, baler or conveyor.

Optimal ensilage thanks to ULV

Even distribution of the inoculant is essential in achieving optimal effectiveness of your silage product. The MAFEX Silage fine spray unit is based on ULV (Ultra Low Volume) technology, which enables the application of liquid silage agents with just a minimal quantity of water.

Atomiser and pump unit

The rotary atomiser combined with a low-maintenance hose pump ensures an even distribution with a uniform droplet size. Out of just 1 ml of liquid, 30 million droplets of about 40 microns each are being generated thus ensuring optimal coverage. Thanks to its special design and mounting angle, the atomiser cannot get clogged up by deposits or dirt.

Control unit

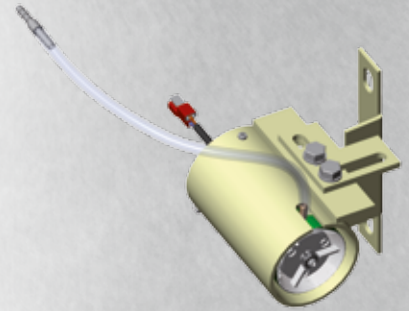
Two different control units are available. Both allow for the setting of the desired volume and include monitoring of the atomiser during operation as well as a signaling alarm in case of malfunction.

Whereas the simple version only has a switch and manual dial to change the settings, the enhanced version additionally ensures the control of all functions of the system, such as automatic suction and the conveyance of the liquid to the atomiser prior to starting the application. Furthermore, it includes monitoring of the flow rate and an additional acoustic alarm as well as a display, which shows the actual flow rate and total volume.

Flexible mounting

With steel housing and a choice of adapters, the atomiser is mounted in the desired position to the chopper, forage wagon, baler or conveyor.

Various mounting options are available, with different mounting adapters for the ULV atomiser depending on the type of vehicle. In addition, stationary installations, e.g. on conveyor systems, are also available.



MANTIS ULV® Professional spraying systems

Mantis offers high quality spraying systems for the most efficient and user-friendly application of liquid preparations. We have over 40 years' experience in the development, production and sales of professional spraying systems for a variety of application areas such as weed control, crop protection, public & animal health and various industrial applications.

Please visit our website www.mantis-ulv.com for more information on the latest products and developments.

We can help you find the right solution!

MANTIS ULV®
SPRAYING SYSTEMS

