

Trailed sprayers

# LEXIS 3000

## Product Information



[www.kuhn.com](http://www.kuhn.com)



The LEXIS trailed sprayer is the entry-level trailed model. With its simple and efficient design, the LEXIS offers outstanding ergonomics and ease of use. The intuitive implementation of the MANUSET system, accompanied with the new chemical induction bowl provides the user with the utmost security without compromising performance. The aluminium booms with TRAPEZIA and EQUILIBRA suspensions ensure high levels of productivity, with high durability.





LEXIS 3000 - MEA2

## Trailed sprayers - LEXIS

# NEVER SACRIFICE EASE-OF-USE

The LEXIS sprayer was designed for exceptionally easy maintenance and servicing.

Early in the design phase, all efforts were focussed on enabling the user to become quickly acquainted with the sprayer's system to ensure rapid and precise intervention while in the field, with no second-guessing. Spraying performance is thus improved.

## SIMPLE, TROUBLE-FREE SET-UP

Set-up of the LEXIS sprayer is centralised, ideally positioned near the chemical induction bowl.

With its two multifunction valves, setting up the LEXIS MANUSET system requires 30 to 50% fewer operations compared to numerous competing machines in the segment.

Thanks to an ergonomic design, the multifunction handwheels ensure intuitive handling of the valves for perfect control of the sprayer system. During rinsing operations, you're sure to rinse all parts of your machine.



## SECURED CHEMICAL INDUCTION BOWL

The chemical induction bowl on the LEXIS was specially designed to ensure perfectly safe operation, notably during rinsing operations. Using the spray gun, you simply rinse the filling assistance equipment, such as the dosing jug or the product container caps.



Two hermetic storage compartments are provided for your various Personal Protective Equipment (PPE), as well as a lateral support for larger items.



## Ergonomic electronics

The LEXIS incorporates KUHN DPAE regulation and control systems. With compact control units that are easy to install thanks to the BUSCAN connection, you always have the right information to ensure optimal spray quality management. The system is remarkably ergonomic.

The VISIOREB electronic control unit allows you to view the work performed in the field, and the automatic management of section cutouts. You're thus able to concentrate 100% on operating the tractor.



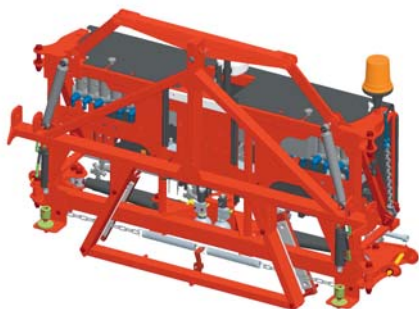
## Centralised maintenance

The LEXIS sprayer is equipped with a filter on filling, on suction, a filter under pressure before regulation and a bowl filter on each section. The main filters are centralised on the right side of the machine, allowing you perform machine maintenance in a matter of minutes.

The pump is located on the drawbar. This makes it easy to access for daily inspection operations and during maintenance.



## An efficient boom suspension system



### EQUILIBRA SUSPENSION (MEA2 and RHPA)

On unstable terrain, the combination of a pendulum and links offers considerable freedom of movement to keep the boom perfectly steady, regardless of the constraints encountered on uneven ground. The EQUILIBRA suspension also comprises an independent left/right anti-whiplash system designed to protect the boom during sudden acceleration and braking.

The tilt corrector is both mechanical and automatic; a hydraulic tilt corrector corrects the boom in more particular situations.



LEXIS 3000 - MEA2



# Aluminium Booms and Suspensions

Manufacturing RHPA/M and ME/TA 2 booms from aluminium prevents oxidation. Furthermore, the density of aluminium (approx. 3 times less than steel) means that thicker material can be used without compromising the light weight of the structure resulting in improved robustness.

The boom comprises protection of the jets both in front and particularly underneath the boom, providing safety in all three dimensions: the long service life of the spray line is ensured.



LEXIS 3000 - MEA2

## Technical specifications

		LEXIS 3000
Tank capacity (L)		3,000
Actual capacity (L)		3,150
Parallelogram suspension		Active, during transport and in the field
Boom suspension	TRAPEZIA: links	EQUILIBRA: Pendulum links with independent LH/RH anti-whiplash system
Boom width		18 to 24 m
Pump type		PM 165 / PM 265
Regulator		DPAE BUSCAN (RPB, REB3 and VISIOREB units) DPAE ISOBUS (CCI200 with ISOCCLICK)
Rinsing tank capacity (L)		300
Hitch-to-axle length (m)		4.05
Filtration		Quadruple (on filling, on suction, before flowmeter and per section)
Track (m)		Adjustable from 1.5 to 2.25
Overall width (m)		2.23
Overall height for transport (m)		18 to 21 m: 3.08 m / Boom 24 m: 3.50 m (with wheels 9.5x48)
Nozzle height (m)		0.5 to 2.50
Unladen weight (kg)		2,057 (24 m model)
Standard tyres		9.5 x 48 (other models optionally available)

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