



# LEMKEN

## Mounted Field Sprayer Sirius



# Plant protection – More important than ever

## Economy and environmental protection



Successful plant protection management is one of the most crucial factors in achieving good harvests. Innovative high performance field sprayers support professional crop producers by providing an uncompromising solution to the daily challenge they face to reduce costs and increase yields while simultaneously preserving the environment. The new Sirius product line from LEMKEN is ideally equipped to meet this challenge head on.

## Performance and reliability advantage



When it comes to plant protection, meeting the varying requirements for optimum biological efficiency often calls for large quantities of water for application of the chemical agents. Depending on the size and location of the farm, the use of trailed field sprayers with high tank capacities can often be impractical.

The Sirius range of compact mounted field sprayers from LEMKEN have a tank capacity of up to 1,900 litres and guarantee maximum coverage combined with excellent agility. Their force distribution is optimised to maintain the correct load on the front axle of the tractor under all operating conditions.





# Reliable and convenient

## Easy and reliable operation



The Sirius 7 and Sirius 9 round off LEMKEN's range of mounted field sprayers with tank capacities of 1,600 and 1,900 litres and booms with a height of 15 to 24 metres. The electric remote controlled Sirius 7 can be easily adjusted and reliably monitored from the driver's seat using the innovative Easyspray control panel. The Sirius 9 features full electronic operation, allowing speed-dependent control of the application quantity and control of the 5 to 9 sections using the Spraydos spraying computer or an ISOBUS terminal.

## Top of the range tank



With large tank capacities, a compact construction and an optimised load distribution between the sprayer and the tractor is vital to maintain stability when driving. The tank design on LEMKEN's Sirius range is setting new standards in this area.

To prevent the tractor from rocking laterally to the direction of travel when the tank is part-filled, a split baffle is incorporated directly into the Sirius tank. This does not cause any shadow zones and thus does not impair rapid and reliable internal cleaning of the tank. The overall result is excellent driving safety combined with convenient handling.



# Functional and universal

## Control centre



Single lever operation on the intake and pressure sides of the fittings means that almost all the functions of the sprayer can be adjusted easily using the clearly laid out, user friendly control centre on the left of the machine.

The large volume, easily accessible chemical inductor allows the tank to be filled from large canisters and enables them to be cleaned using the integrated canister rinsing nozzle. The tried and tested Proflow nozzle prevents the intake port of the chemical inductor from becoming blocked, even with insoluble or powdered spray agents.

## Basic equipment Sirius 7

Remote control LEMKEN Easyspray, digital pressure monitor, integrated baffle, three-point-linkage Cat III, piston diaphragm pump (capacity 226 l/min), 150 l fresh water container, 20 l hand wash container, one-lever operation on the pressure side, self-cleaning pressure filter, water conduit connection without reflow, indirect level indicator, chemical inductor with canister rinsing and Proflow nozzle, tank interior cleaning, agitator switch, single nozzle holder, width section control device with pressure equalizer, fresh water filling on the left side

## Top quality boom



The key feature of the SectionExtend boom is the aluminium tube arm with its familiar benefits including a light, buckling resistant construction and shielded nozzle position. The fully hydraulic boom with sectional folding is vertically folded to just 2.40 metres wide behind the tank for transportation and safely stowed in its lowest position.

The SectionExtend boom is installed in a Parasol frame, the acknowledged "expert for slopes". The adjustable pivot point below the boom's centre of gravity allows the swing to be optimally adjusted for any operating conditions.

## Basic equipment Sirius 9

Elektronc remote control und automatic adjustment with SPRAYDOS computer with 5 - 9 width sections, digital pressure monitor, integrated baffle, three-point-linkage Cat III, piston diaphragm pump (capacity 226 l/min), 150 l fresh water container, 20 l hand wash container, one-lever operation on the pressure side, self-cleaning pressure filter, water conduit connection without reflow, filling by pump via 5-way selection valve, indirect level indicator, chemical inductor with canister rinsing and Proflow nozzle, tank interior cleaning, adjustable agitation intensity, single nozzle holder, width section control device with relaxation pipe, fresh water filling on the left side

All statements, measurements and weights given represent standards subject to continuous further development and are therefore not binding. The weights given always refer to standard equipped implements. We reserve the right to change specifications.



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