



Pneumatic Fertilizer Spreader
AERO GT 60.1





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AERO GT 60.1

Pneumatic Fertilizer Spreader

SAVE COSTS THROUGH MAXIMUM DISTRIBUTION PRECISION

THE TRAILED AERO GT PNEUMATIC FERTILIZER SPREADER WITH 36 M WORKING WIDTH COMPLETELY REDEFINES PERFORMANCE LIMITS AND SAVING POTENTIAL IN PROFESSIONAL FERTILIZER SPREADING



SAVE COSTS BY USING CHEAPER FERTILIZERS. AERO GT ensures precise distribution of fine and irregularly sized or prilled fertilizers that are normally impossible to spread at these widths with a centrifugal spreader with discs.

SAVE COSTS THROUGH GREATER PRODUCTIVITY

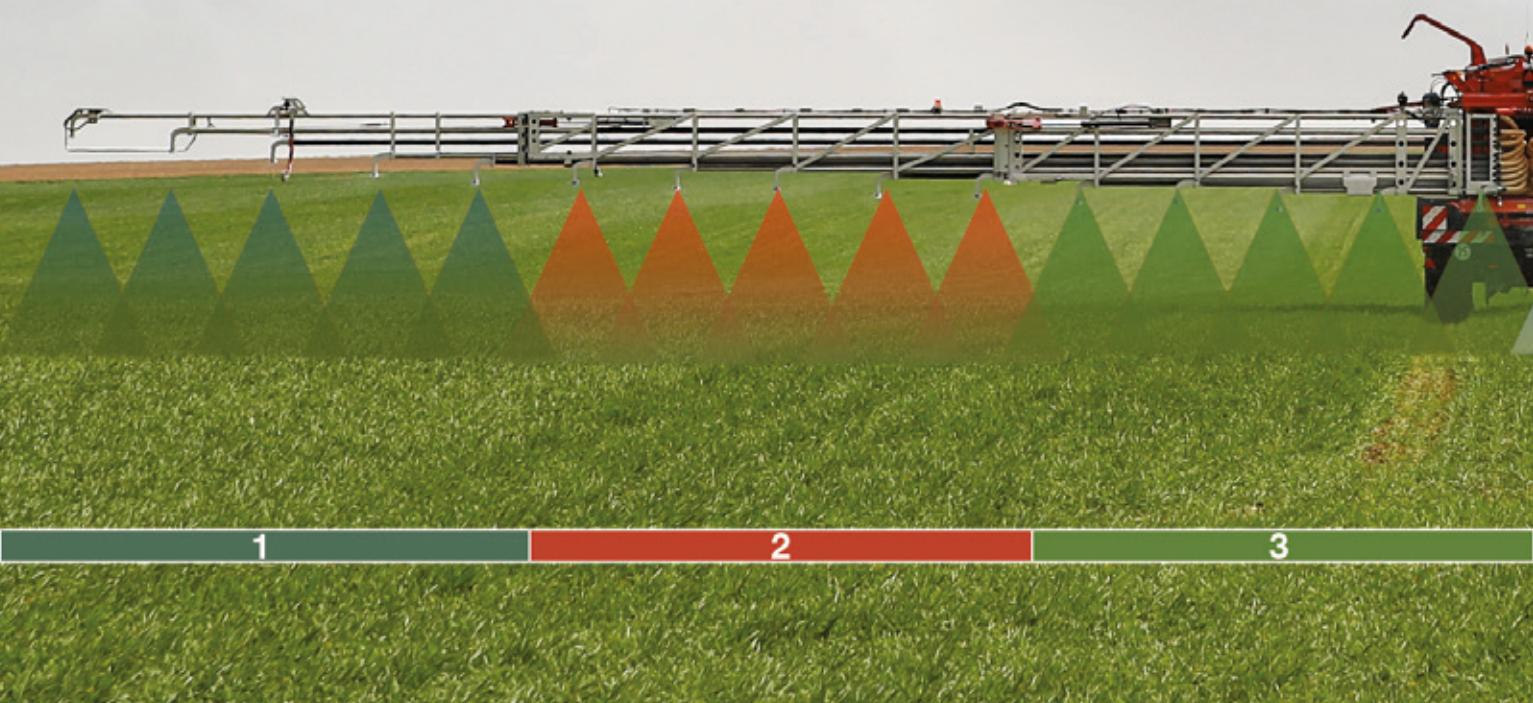
With its large working width, high working speed and large hopper volume, the AERO GT spreader can achieve impressive daily output. Working hours and fuel consumption are reduced while output is increased.

SAVE COSTS BY ALWAYS SPREADING AT THE RIGHT TIME. Fertilizer spreaders with booms equipped with sophisticated outlets ensure precise spreading over the entire working width regardless of wind strength, terrain and fertilizer quality.

AERO GT 60.1

IT'S ALL ABOUT PRECISION

To achieve maximum profitability in cost-intensive fertilization, metering and fertilizer distribution have to be optimized so as to always apply the right dose in the right place. As application rates are controlled for each of the six sections separately, with one metering unit and one feed roller each, constant application rates are achieved at varying ground speeds.



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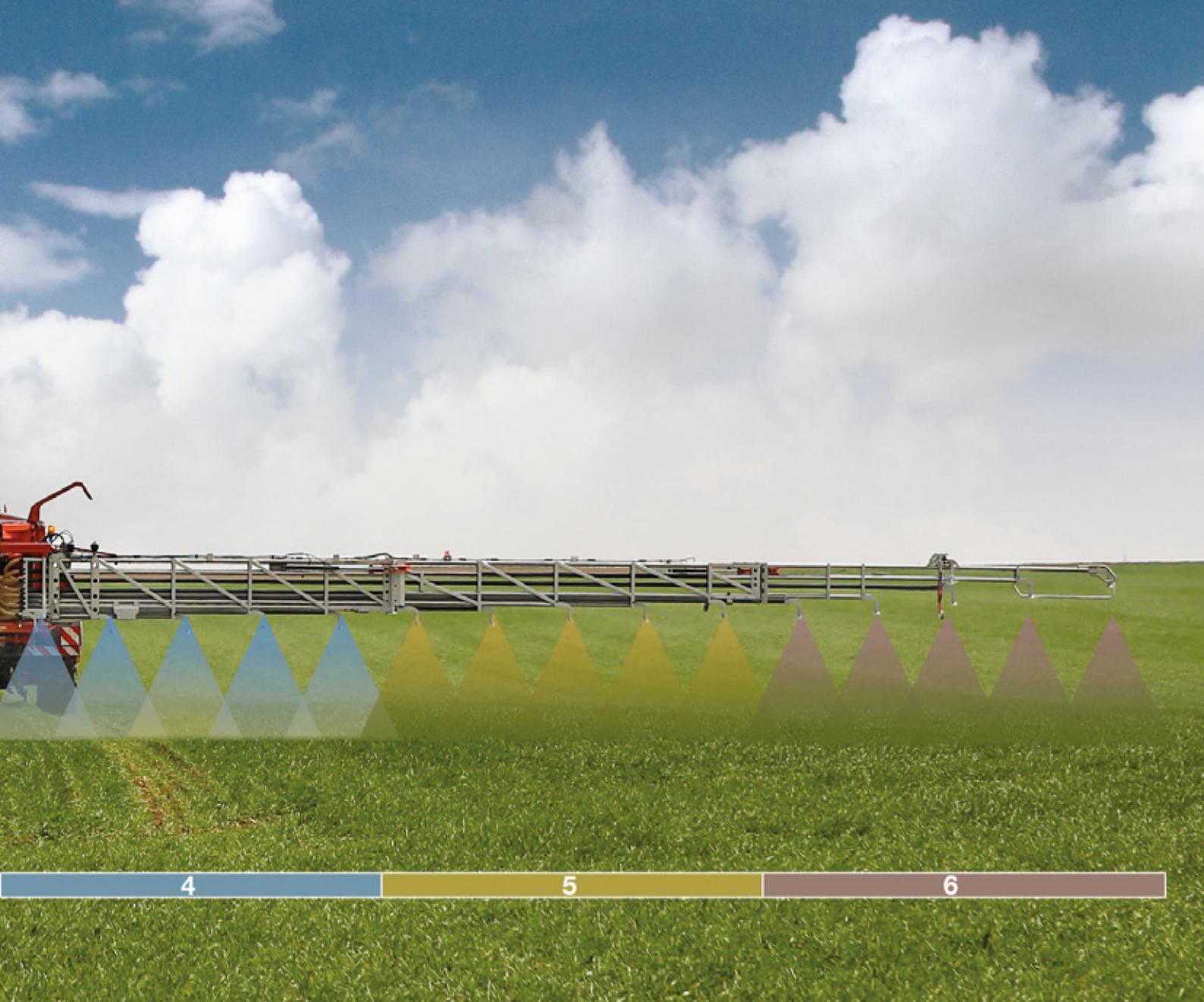


Stable booms even at high speeds

Three features contribute to stabilizing AERO GT booms, even at 15kph and more:
Pendulum-frame suspension with levelling mechanism, boom parallelogram with accumulators to absorb shocks and hydro-pneumatic chassis suspension.

Simple calibration. High output and precision

Only one of the six metering units has to be calibrated - you can adapt application rates easily and precisely for any type of fertilizer. With a maximum application rate of 320kg/ha urea over 36m and a 15kph working speed, the system's performance and precision is unmatched.



PRECISION UP TO THE BORDER

The AERO GT system works perfectly on field borders and ensures high yields up to each corner. The boom spreads 100% of the application rate right up to the border, without fertilizer being applied beyond. In this way, you improve your yields and revenues and respect the environment at the same time.



Precision booms

The stainless steel booms of the AERO GT pneumatic spreader are extremely precise. 30 outlets spaced at 1.20m ensure fan-shaped distribution with double overlap. This ensures unmatched transversal spreading accuracy regardless of weather conditions.



COMFORT AND EFFICIENCY

Fertilization jobs are very easy with AERO GT's technical features. The hydro-pneumatically suspended chassis and compact stainless steel boom will enable you to achieve high-performance output.



A compact boom for transport

The booms are remote controlled hydraulically. They fold in and out in just 90 seconds. They fold on both sides of the hopper so the machine remains compact for stress-free road travel.



Boom safety breakaway

To prevent damage to the booms, the AERO GT spreader features a built-in safety system. If the boom is on course for collision with a tree, a pylon or a wind turbine, the outer 2.5m of the booms can pivot backwards or forwards on both sides.





CHASSIS SUSPENSION

The hydro-pneumatically suspended chassis not only stabilizes and eases the load on the booms during field work, but also provides for a stable machine on the road. The shock absorber technology makes road trips safe and comfortable at speeds of 25kph. The brakes are pneumatic.



Long-life stainless steel boom

Stainless steel protects the machine from corrosion and wear and reduces the effects of peak loads. Only a few tubes are made of abrasion-resistant synthetic material.

AERO GT 60.1

PRECISION SPREADING IN ANY WEATHER

Shorter weather windows don't leave much time for crop management, especially for fertilization. But with the AERO GT and its pneumatic fertilizer-spreading boom you can work in any weather!

Applying fertilizer with a pneumatic spreader allows you to:

- always spread at the right time, even in bad weather,
- save hundreds of euros per year by using cheaper fertilizer,
- spread very light and fine products such as urea and ammonium sulphate, with the highest precision.



Two blowers for precision spreading

Two high-performance blowers generate a constant, powerful, air flow and carry the metered fertilizer, at speeds of 200kph, to the ends of the boom, where it is spread extremely uniformly. The PTO speed can be varied between 700 and 1,000 min⁻¹. The blowers are driven by a self-contained hydraulic system powered by the PTO.



Quick and easy filling

Don't waste time filling the hopper. With large hopper opening and hydraulic cover-opening and closing, it is loaded in no time.

KUHN ISOBUS SOLUTIONS: THE AERO GT FERTILIZER SPREADER IS ISOBUS COMPATIBLE



CCI 800 AND CCI 1200: ONE TERMINAL FOR ALL KUHN MACHINES.

CCI 800 AND CCI 1200 ISOBUS terminals are AEF-certified. They prioritise performance, visibility and flexibility. You can control your machines intuitively with the big antiglare touchscreen. The terminals are able to display different essential information simultaneously, and they can support the connection of a joystick and a camera. These terminals are highly versatile.



CCI 800: the compact ISOBUS terminal

The 8"/20.3 cm screen displays the main machine and mini-views on the side. Click on the mini-view to enlarge it.



CCI 1200: Innovative, high-performance, wide screen

All essential information is displayed on the 12.1"/30.5 cm screen. Different display formats are available: mini-view / maxi-view / double UT.

MANY APPLICATIONS COME AS STANDARD



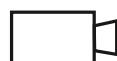
TECU
To retrieve basic tractor information



CONTROL
To control your tasks and ISO-XML documentation



CONVERT
To connect a biomass sensor



CAMERA
To connect a camera and display live-view



HELP SYSTEM
The assistance you need

DISCOVER THE CCI APPLICATIONS



SECTION CONTROL
Automatic fertilization management per GPS



RATE CONTROL
Application rate modulation by GPS (SHP or ISOXML) of several products (e.g. seeding + fertilization)



DATA TRANSFER
Data import/export via agrirouter



PARALLEL TRACKING
Steering assistance + tramlining by GPS with the Tramline Control function

The main functions at your fingertips
Use your CCI terminal with the new ISOBUS CCI A3 joystick to control the fertilizer spreader's main functions.



OPTIONS THAT MAKE ALL THE DIFFERENCE



Micro-granular feed rollers

With these optional micro-granular feed rollers you can also spread slug pellets, fine seeds and micro-granules, with high precision, for weed control at application rates from 5 to 30kg/ha.



Track widths and tyres

The standard AERO GT tyre size is 650/65 R 42, track width is 2.25m. Tyres with the following dimensions can be provided on request: 520/ 85 R 46, 710/70 R 42.



Distance control

This optional application has two ultrasonic sensors to provide fully automatic boom guidance. Boom height and orientation is adapted automatically to keep it parallel to the ground. This relieves the strain on the driver on rough terrain and when working at night.



KUHN PARTS



Designed and manufactured to rival time. KUHN foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUHN PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUHN dealer.

Technical specifications

	AERO GT 60.1
Boom width (m)	36
Number of metering units	6 (with hydraulic drive)
Number of outlets	30 (1.20m apart over 36m width)
Number of sections	6 (3 on each side of the hopper)
Max. application rate approx. (kg/ha)	320 (urea at 15kph over 36m width)
Hopper volume (l)	6,300 (4,700kg urea approx.)
Hopper cover	Hydraulic folding from tractor cab
Filling height (m)	3.15
Max. permissible weight (kg)	12,000
Empty weight (kg)	7,000
Transport speed (kph)	25
Transport width (m)	2.98
Transport height (m)	3.85
Total length hitch - end of spreader (m)	7.90
Total length hitch - axle (m)	5.10
Ground clearance (from bottom of frame) (m)	0.70
Track widths (m)	2.25
Tyres	520/85 R 42 (other sizes on request)
Axle	hydro-pneumatic suspension
Attachment	top hitch: ring hitch with 40 mm diameter (ball hitch on request)
Drawbar load (kg)	2,000
Brake system	Pneumatic
Parking stand	hydraulic height adjustment, can be folded manually
Tractor hydraulic requirements	60 l/min at 180 bar; 1x SA, 1x free return, 1x DA
Minimum tractor power requirement (kW/hp)	135/180

Optional equipment: 30m-32m booms - boom safety break-back - micro-granular roller feeders - different tyre dimensions - CCI 800 - CCI 1200

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* Not all services are available in all countries. ** except January 1, May 1 and December 25



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1. MDS: Mounted fertilizer spreader - 2. AXIS: Mounted fertilizer spreader - 3. AXENT: Trailed fertilizer spreader -
4. AERO GT: Trailed pneumatic fertilizer spreader

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