

Pneumatic Fertilizer Spreader

AGT 6036



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be strong, be **KUHN**



AGT**6036**

SAVE UP TO 40,000 € PER YEAR FOR EVERY 1,000 HECTARS!*

The trailed AGT pneumatic fertilizer spreader with 36 m working width completely redefines performance limits and saving potentials in professional fertilizer spreading.

SAVE COSTS BY USING LOW-COST FERTILIZER

This is because AGT also distributes fine and irregularly sized or prilled fertilizers as for example urea precisely that are impossible to spread at these widths with a twin disc spreader.

SAVE COSTS THROUGH GREATER PRODUCTIVITY

Due to the large working width, high working speed and large hopper volume, the AGT spreader can achieve a daily output of 400 ha and more. Moreover, by switching to a tramline width of 36 m, you can reduce the number of necessary passes. This way, working time and fuel consumption are reduced while the cultivated area is increased (by 33ha for every 1,000ha by changing from 24m to 36m).

SAVE COSTS BY ALWAYS SPREADING AT THE RIGHT TIME

Fertilizer spreading based on booms with sophisticated outlets enables precise spreading over the entire working width regardless of wind, terrain inclination and fertilizer quality.

SAVE COSTS THROUGH MAXIMUM DISTRIBUTION PRECISION

The AGT metering and distribution enables a precise application up to the field borders. Additionally, the 6-section boom control provides for optimum spreading on headlands and field tips.

*KUHN estimation for a 1,000ha farm in "standard" working conditions. This information is non-contractual. You must: 1) confirm with your co-operative the fertilizer purchase prices and 2) evaluate losses and necessary compensations for urea according to your weather conditions.

Technical specifications	AGT 6036
Working width (m)	36 (30 and 32 on demand)
Hopper volume (l)	6,300

IT'S ALL ABOUT PRECISION



SECTION 1

SECTION 2

SECTION 3



PRECISION SECTION BY SECTION

Six metering units - three on each side - ensure high-precision metering of fertilizer even with fertilizers having problematic flow properties. This advanced metering accuracy is based on precise forced metering of granulates by means of six feed rollers. These are hydraulically driven at a speed proportional to the actual groundspeed. You can control the application rate by changing the rotation speed of the rollers. Maximum flow of up to 250kg/min.



SIMPLE CALIBRATION. HIGH OUTPUT AND PRECISION

Thanks to its simple calibration test – 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 250kg/ha urea at 36m and a 15kph working speed, the system's performance and precision is unmatched.

To achieve maximum profitability in cost-intensive fertilization, metering and fertilizer distribution have to be optimized to always accurately 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 groundspeeds.



PRECISION BOOMS

The stainless steel booms of the AGT pneumatic spreader fulfil the precision objective by working with a high degree of accuracy. 30 outlets with 1.20m distance in-between ensure a fan-shaped distribution with double overlap. This provides for unmatched transversal spreading accuracy independent of wind and weather.



STABLE BOOMS EVEN AT HIGH SPEEDS

Distributing fertilizers with problematic spreading properties also requires a high boom stability. Three features contribute to stabilizing the AGT booms also at 15kph and more: the pendulum frame suspension with levelling mechanism, the boom parallelogram with accumulators to absorb shocks and the hydro-pneumatic chassis suspension.



PRECISION UP TO THE BORDER

The AGT 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 both improve your yields and revenues and respect for the environment is greater.



ISOBUS: BENEFIT FROM AVAILABLE SYNERGIES

With ISOBUS (uniform communication standard for tractors, implements and home PC's) you can manage all your ISOBUS-ready machines, including the AGT pneumatic fertilizer spreader, from the tips of your fingers with any compatible ISOBUS terminal on the market.

With the CCI 200 ISOBUS terminal, KUHN offers a convenient ISOBUS solution to facilitate work during long and tough working hours.



APPLICATIONS FOR MORE EFFICIENCY

ISOBUS applications provide maximum efficiency by increasing precision and comfort during fertilizer spreading. The KUHN AGT pneumatic spreader is pre-equipped as standard with Section Control and Variable Rate Application.

On the terminal the following ISOBUS GPS applications are available as option: Task-Controller, Section-Control and Parallel-Tracking.



DISTANCE CONTROL

This optional application enables fully automatic boom guiding with the help of two ultrasonic sensors. They automatically set the boom height and orientation to keep it parallel to the ground. This relieves the strain on the driver on hilly terrain and when working at night.

CERTIFIED COMPATIBILITIES

Apart from the KUHN CCI 200 terminal, AGT is also compatible with the following terminals:
 - Müller Elektronik: Comfort, Touch Me 800 /1200
 - John Deere: JD 2630

LATEST COMFORT FEATURES

All terminals feature large colour displays, which are easy to use both day and night. With their help, you can control all functions from the cab.

The adjustments and settings can be either made via a scroll wheel, soft keys or an ergonomic joystick.



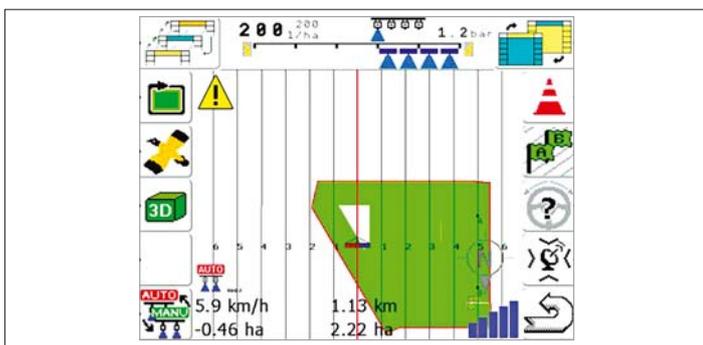
Müller Touch Me



Müller Comfort



JD 2630



SECTION CONTROL

With the GPS-supported Section Control with parallel tracking function you can also manage headlands and field tips precisely by gradually activating/deactivating the six sections.



N SENSOR

The AGT and ISOBUS terminals are compatible with N sensor technology.

PRECISION THROUGH COMFORT

You can use the ISOBUS joystick to control the entire boom. This is easy, comfortable, safe...and highly efficient in field tips. Any of the six sections and the slope compensation system can be activated at the push of a button.

COMFORT AND SAFETY IN THE FIELD AND ON THE ROAD

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



A COMPACT BOOM FOR TRANSPORT

The booms are hydraulically remote controlled and folded in and out in just 90 seconds. They fold twice on both sides of the hopper. Well integrated in the machine dimensions, this means maximum compactness for stress-free road transport with no boom overhang.



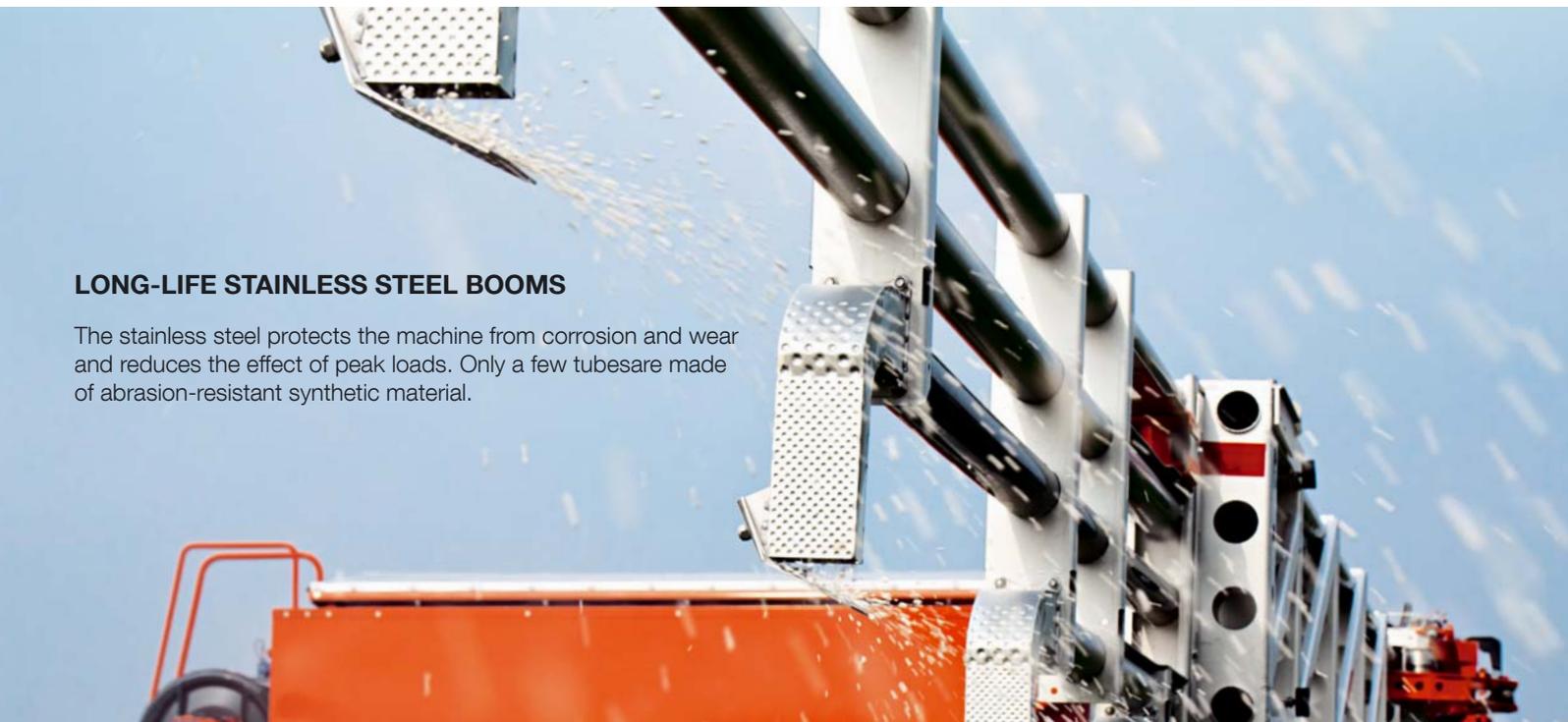
BOOM SAFETY BREAK-AWAY

It may occur to anybody that an obstacle in the field is not noticed right away. To avoid damages on the booms, AGT features integrated safety systems for such a case. If the boom risks colliding with a tree, pylon or wind turbine, the outer 2.5m of the booms can pivot forwards or backwards on either side.

MORE PRACTICAL FEATURES

LONG-LIFE STAINLESS STEEL BOOMS

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



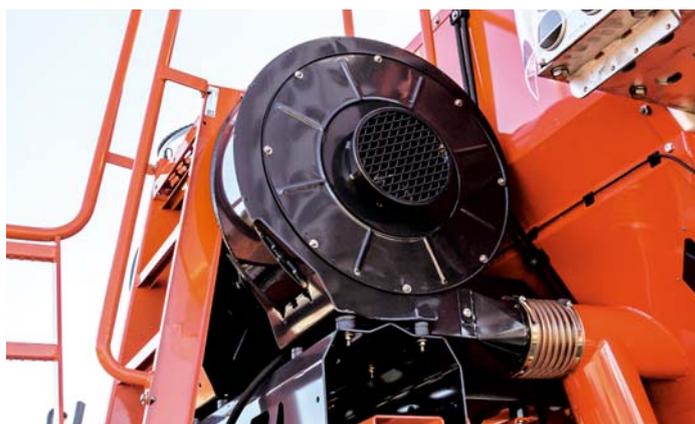
USER-FRIENDLY QUICK REFILL

You can open and close the hopper cover hydraulically from the tractor cab. Together with the large hopper opening this enables efficient loading.



TWO FANS FOR ACCURATE SPREADING

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



MORE OPTIONS FOR YOUR BENEFIT



MICRO-GRANULAR FEED ROLLERS

Due to optional micro-granular feed rollers, the AGT pneumatic spreader can also distribute with high precision slug pellets, fine seeds or microgranulates for weed control with application rates from 5 to 30kg/ha.



ABOUT TRACK WIDTHS AND TYRES

The standard AGT tyre size is 520/ 85 R42, the standard mudguard track width is 2.25m. Complete wheels with following dimensions can be provided on request: 520/ 85 R46, 650/ 65 R42, 710/ 70 R42.

The AGT 6036 spreader can also come with track widths of 2.30 or 2.70m.



KUHN SERVICES* Maximize the use and productivity of your KUHN equipment

*Not all services and equipment are available in every country.

KUHN sos order

EXPRESS SPARE PARTS SERVICE 24/7

You urgently need spare parts? With KUHN sos order benefit from express delivery seven days a week, 365 days a year. Thus, you can minimize machine downtime considerably and increase your work output.

KUHN protect +

THE CHOICE OF PROFESSIONALS!

Benefit from 36 months in complete serenity because of KUHN's protect + warranty. You can concentrate exclusively on your work and the performance of your machine. Because this is what you expect, when investing in high-tech machinery.

KUHN i tech

FOR EVER QUICKER REPAIRS!

An unexpected technical problem always occurs at the wrong time. Your KUHN dealer can support you quickly and efficiently thanks to KUHN i tech. With this 24/7 online service, a quick and exact diagnosis is possible.

KUHN finance

INVEST RATIONALLY!

New machine necessary, financing unsure? Modernize your equipment and develop your farm with KUHN finance, in total safety and according to your needs and demands. We offer custom-made finance solutions, adapted to your requirements.

Boom working width (m/ft)	36/118'1" (30/98'5" and 32/105' on demand)
Number of metering units	6 (3 on each side of the hopper)
Number of feed rollers	6 (with hydraulic drive)
Number of outlets	30 (1.20m/3'11" apart at 36m/118'1")
Max. application rate approx. (kg/ha)	250 (urea at 15kph at 36m/118'1")
Hopper volume (l)	6,300 (approx. 4,700kg or 10,362 lbs of urea)
Hopper cover	hydraulic folding from tractor cab
Filling height (m/ft)	3.15 / 10'4"
Max. permissible weight (kg/lbs)	12,000 / 26,455
Empty weight (kg/lbs)	7,000 / 15,432
Transport speed (kph)	25
Transport width (m/ft)	2.98 / 9'9"
Transport height (m/ft)	3.85 / 12'8"
Total length hitch - end of spreader (m/ft)	7.90 / 25'11"
Total length hitch - axle (m/ft)	5.10 / 16'9"
Ground clearance (from bottom frame edge) (m/ft)	0.70 / 2'4"
Track widths (m/ft)	2.25 / 7'5" or 2.70 / 8'10"
Tyres	520/85 R 42 (other sizes on request)
Axle	hydro-pneumatic suspension
Attachment	top hitching: ring hitch with 40 mm / 1.57" diameter (ball hitch on request)
Drawbar load (kg/lbs)	2,000 / 4,409
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: boom safety break-back – micro-granular feed rollers –ball hitch – different tyre dimensions.



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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.



AGT

6036

PRECISION SPREADING IN ANY WEATHER!

FERTILIZER APPLICATION WITH A 36M PNEUMATIC SPREADER ENABLES YOU TO:

- always spread at the right time, also in poor weather conditions.
- save up to 40,000€* per year and 1,000ha by using cheaper fertilizer.
- also spread very light and fine products such as urea, ammonium sulphate or seeds with highest possible precision.

*KUHN estimation for a 1,000ha farm in "standard" working conditions. This information is non-contractual.



Discover the entire program of KUHN fertilization equipment!



1



2



3

1. Twin disc fertilizer spreaders 2. Pneumatic fertilizer spreaders
3. Lifting equipment.

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KUHN S.A.

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