

APLICADOR DE NUTRIENTES



AT5105

AT5105 | APLICADOR AUTOPROPULSADO

El único aplicador de cinco ruedas, el Oxbo AT5105, marca el estándar en cuanto a capacidad y productividad que esparce o inyecta grandes volúmenes de estiércol líquido y seco. La combinación de la rueda delantera motorizada y la trasera de doble bogie dirigitible los ejes proporcionan agilidad y maniobrabilidad adicionales. Esta máquina versátil puede estar equipada para aplicar purina o nutrientes biosólidos.





AT5105

LOS APLICADORES DE NUTRIENTES MÁS PRODUCTIVOS Y FIABLES

Un verdadero aplicador de cinco ruedas, el AT5105 está en una categoría aparte. Compatible con el LNMS de 25m³ de Oxford o el de 30 toneladas Los sistemas DNMS, el AT5105 puede personalizarse para la aplicación de estiércol o biosólidos. Diseñado para cumplir con las necesidades únicas de la industria de aplicaciones, el AT5105 ofrece un equilibrio perfecto entre potencia, tracción, confort y operación sencilla.

La comodidad del conductor se logra centrándose tanto en la calidad de la marcha como en la facilidad de uso. El chasis de las cinco ruedas fue diseñado para ofrecer un viaje premium, reduciendo la fatiga del conductor durante las largas jornadas de trabajo necesarias para aplicar la función vital nutrientes en una ventana de aplicación limitada.

El AT5105 es lo suficientemente inteligente como para aplicar potencia y par de forma correcta, sin que el operador haga ajustes, de modo que atraviesa las condiciones más difíciles del terreno. El AT5105 detecta el deslizamiento y hace todo el trabajo para mantenerlo solicitando como siempre. Control total en todas las circunstancias—terreno muy compactado a zonas húmedas—el AT5105 lo sabe exactamente cómo ajustar.

El AT5105 marca el estándar en cuanto a productividad.



El AT5105 puede operar con una productividad del 100% desde el primer día en el asiento.



La combinación de accionamiento mecánico y la CVT ZF ofrece la mayor productividad, ya sea aplicado por inyección o esparciendo.



El diseño de alta flotación y cinco ruedas del AT5105 reduce la compactación del suelo para condiciones óptimas de cultivo.



La comunicación continua de Oxbo entre el motor SCANIA y la transmisión ZF ofrece el equilibrio perfecto entre tracción y control. El operador tiene el control al 100%, todo el tiempo.

✓ SÚBETE Y VE

De verdad que es así de fácil.

Pantallas fáciles de entender combinadas con personalizadas controles diseñados en torno a la aplicación de nutrientes, el operador AT5105 puede ser 100% productivo y eficiente desde el primer día en la cabaña. Los sistemas y la tecnología del AT5105 están diseñados para hacer que cada pantalla, cada botón, cada pieza de tecnología lo más intuitiva posible.



✓ UNA MÁQUINA EN LA QUE PUEDES CONFIAR

El AT5105 hace el trabajo duro.

Los operadores confían en los controles, la transmisión, el motor, y tracción total mecánica permanente hasta trabajar juntos sin esfuerzo para superar incluso las condiciones de terreno más duras.

El AT5105 equilibra potencia, tracción y par mientras se ofrece eficiencia de combustible.





OXBO AT5105 FEATURES



LOW TOTAL COST OF OWNERSHIP

The AT5105 features a ZF Transmission, Börger pumps, Scania engine, and Kessler axles because they are the best in the business and provide for long product life, maximum uptime, and minimal maintenance cost.

Oxbo ATs demand some of the highest resale values thanks our robust frame construction and quality components.



INTEGRATED TECHNOLOGY

- Experience ultimate simplicity with the fully integrated Oxbo control system.
- Designed to manage application rate and machine functions
- With the Oxbo AT5105, precision and control are at your fingertips.



FLOTATION AND LOW GROUND COMPACTION

- Five wheel design with three unique tire paths reduces compaction on every pass
- Spread 25m³ of liquid or 25 tons of dry nutrients with perfect weight distribution across all five tires -- efficient production with minimal compaction.
- Tire inflation system to deliver low compaction and long tire life across the various nutrient application activities

✓ ALL-WHEEL DRIVE, ALL-WHEEL STEERING

The Oxbo AT5105 all-wheel drive and even weight balance ensure a smaller footprint with maximum pulling power. The unique steerable rear axles deliver maneuverability while maximizing load capacity for both dry and liquid system application.



✓ FLEXIBILITY

The Oxbo AT5105 can be built with either a Dry Nutrient Management System (DNMS), a Liquid Nutrient Management System (LNMS). No matter what or how you need to apply, Oxbo can apply it precisely.



✓ INTEGRATED TECHNOLOGY

GPS automate section control for precise application needs at the injector. Up to 24 sections available.

The AT5105 is NIR-ready: add popular NIR sensors via ISOBUS and enable additional monitoring and automated precise nutrient application.



✓ FLEETCOMMAND

Oxbo's FleetCommand telematics on board means you have a wireless link to our Oxbo service personnel. Utilizing this system reduces diagnostic time and ensures uptime in the field.





DRY NUTRIENT MANAGEMENT: OXBO DNMS

A COVER MORE GROUND, FASTER

TEBBE spreader with a massive 25 ton-capacity bin to cover more ground with fewer loads and higher infield productivity

B DURABLE CONSTRUCTION

Wear-resistant Hardox steel bin ensures a long operational life, even in the harsh biosolids environment

C WEIGHING SYSTEM

An integrated weighing system allows for continual dose feedback and manual dose correction during spreading

D INDUSTRY LEADING SPREADING

Hydraulic beaters and spinners on separate drives ensuring optimum nutrient placement to deliver consistent yields.

Fully variable spread width – change the spread width while keeping a consistent rate.

Spread up to 18m per pass for fewer trips across the field reducing compaction and application time



LIQUID NUTRIENT MANAGEMENT: OXBO LNMS



LARGE PRODUCT TANK

- 25m³ capacity, strong, lightweight polyester tank
- Integrated slosh baffles and laminated piping
- Control tank levels via the pilot screen, for efficient cycle times and to minimize unnecessary trips and ground compaction

SUPERLOAD ARM

- Load in the field in 1 minute, 45 seconds
- Combines a centrifugal pump, standard lobe pump and a unique by-pass system resulting in reduced pump wear and fuel costs



HIGHEST QUALITY COMPONENTS

- Cutter and pump designed to optimize slurry flow
- 8-inch diameter piping, minimal bends and standard 9m³ Börger pump -- optional upgrade to a 12m³ pump for wide applicators

AUTOMATIC LOADING & STOPPING

- Easily preset a load value on the monitor enabling the SuperLoad system to quickly load the right amount, every time
- Fast and accurate loading reduces pump wear, lowering maintenance cost and extending the life of the SuperLoad system





AT SERIES | FAMILY OF APPLICATORS

The AT5104 joins the complete line of Oxbo applicators.

Oxbo knows nutrient application, **delivering on the 30-year TerraGator legacy in a modern, advanced line of applicators.** The proven TerraGator chassis design—known for reliable performance and robust components—inspired the Oxbo AT product line. The AT line features better usability, better design, and next generation productivity and driver comfort.

Backed by unmatched product support, the Oxbo ATs are designed to get your product on or in the ground as efficiently and effectively as possible. Oxbo ATs are **the most productive nutrient applicators.**

If you want to keep applying, you want to run an Oxbo.

Each AT features the most reliable, more productive components to keep Oxbo equipment in the field, applying valuable nutrients, in tight application windows.

At Oxbo, we are *Optimizing farming together.*

16m³



AT4103

- Three-wheel chassis design
- LNMS or DNMS configurations
- Nimble, maneuverable, with a smooth, comfortable ride over all ground conditions

22m³



AT5104

- Four-wheel chassis designed for those most concerned about ground compaction
- LNMS configuration only
- Tramlines or crab steering for minimal soil disturbance and crop damage

25m³



AT5105

- Unique five-wheel chassis design with steerable double bogie rear axle to make it nimble and maneuverable
- Highest capacity while still boasting minimal ground compaction
- LNMS or DNMS configurations

SPECIFICATIONS

Standard Features		
Cabin	Claas Vista 2 cabin with radio, air conditioning, passenger seat, on-board pilot touchscreen and camera system	
Suspension	4-point suspended cabin with hydraulic suspension on the front and pneumatic suspension on the rear	
Lights	LED working lights, Halogen road lights	
Engine		
Engine	Scania DC13, EU Stage 5, 550 PS - 405 kW @ 1.500 rpm.	
Displacement	13 liters	
Cylinders	6	
Torque	max. 2.500 Nm	
Alternator	100 Ampère	
Compressor	Compressor with single air dryer, including a 40 litre air tank, and air coupling for air hose. Capacity 750 litre/min at 1,500 rpm	
Cooling	Liquid cooling system for engine, transmission, hydraulic system and intercoolers with reversible fan	
Transmission		
Transmission	ZF ECCOM 5.0 CVT transmission, continuously variable from 0 to 40km/u, automatic range shifting, no need to stop to shift gears for speed range.	
Tires	Standard	Optional
Front	1050/50 R32	1000/55 R32 or row-crop wheels
Rear	1050/50 R32	1000/55 R32 , 1250/50 R32 or row-crop wheels
Transportwidth	3,30 to 3,35m	
Drivetrain		
Front axle	Kessler: hydraulically driven with inside brakes and adjustable traction	
Rear axle	Kessler: mechanically driven with disk or drum brakes and separate parking brakes	
Steering		
Front	Front wheel steering 70 degrees	
Rear	Kessler axle, with double planetary end reduction depending on superstructure	
Speed	max. 42 km/h	
Tank Capacities		
Fuel	650 litre standard - optional 350 litre extra	
Hydraulic Oil	200 litre	
AdBlue	60 litre	
System		
Type	Polyester GFK-tank met geïntegreerde leidingen en mix-functie	
Loading capacity	25m³	
Standard Pump	Börger EL1550 9m³/min	
Optional Pump	Börger EL2250 12m³/min	
Cutter	Vogeslang RC 10.000	
Loading arm	8" suction arm, able to load 2,75m deep and 4,5m high, with a 160 degrees reach	
Systems		
Type	TEBBE spreader box	
Loading capacity	25 ton	
Working width	18m, depending on material	
Application rate	min. 2 tons/ha	
Dimensions		
Width	3,30m - 3,35m	
Length	11,2m	
Height	3,8m	