

NUTRIENT APPLICATOR



AT4103

AT4103 | SELF-PROPELLED APPLICATOR

The Oxbo AT4103 is ideal for all your diverse nutrient application needs, providing an exceptional blend of power, capacity, and maneuverability. Designed for applying up to 35,000 to 115,000 m³ of slurry per year, the AT4103 is nimble, maneuverable, smooth, and comfortable across all field conditions from tillage, sidedress and grassland injecting.





AT4103

THE MOST PRODUCTIVE & RELIABLE NUTRIENT APPLICATORS

The AT4103 is flexible application platform for slurry and biosolids application. Designed to meet the unique needs of the application industry, the AT4103 delivers a perfect balance of power, traction, comfort, and easy operation.

Driver comfort is achieved through a focus on both operator ride quality via the hydraulically controlled suspension, and ease of operation. The three-wheel chassis was designed to provide a premium ride, reducing driver fatigue during the long work hours required to apply vital nutrients in a limited application window, while minimizing compaction all season long.

The AT4103 is smart enough to apply power and torque, correctly, without the operator making adjustments, so that it pulls through the most difficult ground conditions. The AT4103 senses the slip and does all the work to keep it applying at peak productivity. Full control in all circumstances--highly compacted ground to wet spots--the AT4103 knows exactly how to adjust.

The AT4103 sets the standard in flexibility and maneuverability.



The AT4103 can be operated at **100% productivity from the first day in the seat.**



The high flotation, three-wheel design of the AT4103 **reduces ground compaction** for the optimal crop growing conditions.



The combination of mechanical drive and the ZF CVT delivers the most productivity, whether you are injecting or spreading.



Oxbo's continuous communication between the SCANIA engine and the ZF transmission delivers the **perfect balance of traction and control.** The operator is 100% in control, all the time.

✓ JUMP IN AND GO

It really is that easy.

Easy to understand screens combined with customized controls designed around nutrient application, the AT4103 operator can be 100% productive and efficient from the first day in the cab.

The AT4103 systems and technology are designed to make every screen, every button, every piece of technology as intuitive as possible.



✓ A MACHINE YOU CAN TRUST

The AT4103 does the hard work.

Operators trust the controls, transmission, engine, and permanent, mechanical all-wheel drive to effortlessly work together to pull through even the toughest ground conditions.

The AT4103 balances power, traction, and torque while delivering fuel economy.





OXBO AT4103 FEATURES

✓ 3-WHEEL CAB FORWARD DESIGN

The AT4103 is the most nimble, maneuverable nutrient applicator on the market.

Its three-wheel design with a powered front wheel and an even weight balance ensures minimal soil compaction and maximum maneuverability.



✓ FLEXIBILITY

The Oxbo AT4103 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 nutrients, Oxbo can apply it precisely.



✓ INTEGRATED TECHNOLOGY

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

The AT4103 is NIR-ready: add popular NIR sensors via ISOBUS and enable additional monitoring and automated precise nutrient application.



LOW TOTAL COST OF OWNERSHIP

The AT4103 features a ZF Transmission, Scania engine, and Kessler axle 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 low fuel consumption. Customers report 0.57 liters/ha when injecting.

INTEGRATED CONTROL SYSTEM

- Experience ultimate simplicity with our fully integrated control system.
- Designed to manage application rate and machine functions
- With the Oxbo AT4103, precision and control are at your fingertips.

FLOTATION AND LOW GROUND COMPACTION

- Three wheel design with three unique tire paths reduces compaction on every pass
- Perfect weight distribution across all three tires
- Tire inflation system to deliver low compaction and long tire life across the various nutrient application activities

✓ 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 16 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 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

- 16m³ capacity, strong, lightweight polyester tank
- Integrated sash 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 high rates and 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 AT4103 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	9.3 L Scania DC09 EU Stage 5; 400HP @ 1500rpm	
Cylinders	5	
Torque	1327 lb-ft	
Alternator	100 Ampère	
Compressor	Compressor with single air dryer, including a 40L air tank, and air coupling for air hose. Capacity 750 lit/min at 1,500 rpm	
Cooling	Liquid cooling system for engine, transmission, hydraulic system and intercoolers with reversible fan	
Transmission		
Transmission	CVT, ZF ECCOM 5.5	
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
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. 42km/h	
Tank Capacities		
Fuel	650 litre standard - optional 250 litre extra	
Hydraulic Oil	200 litre	
AdBlue	60 litre	
System		
	LNMS	
Loading capacity	16m ³	
Standard Pump	Börger EL1550 9m ³ /min	
Optional Pump	Börger EL2250 12m ³ /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		
	DMNS	FERTILIZER APPLICATION
Type	TEBBE spreader box	Bredal box
Loading capacity	16 ton	16 ton
Working width	18m, depending on material	max. 36m
Application rate	min. 2 tons/ha	
Dimensions		
Width	3,00m - 3,49m	
Length	9,5m	
Height	3,80m	



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