

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 30 million gallons of liquid manure 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 the most flexible product in Oxbo's portfolio of equipment for liquid manure, biosolids or fertilizer 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 and ease of operation. The three-wheel chassis was designed to provide a premium ride via the hydraulically controlled cab suspension, 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 combination of mechanical drive and the ZF CVT delivers the most productivity, whether you are injecting or spreading.



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



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 excellent fuel economy.





OXBO AT4103 FEATURES



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 5-6 gallons/hour consumption in normal conditions.



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

✓ 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 ensure 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), spinner spreader, or air boom system. No matter what or how you need to apply, Oxbo can apply it precisely.



✓ BUILT BY OXBO. SUPPORTED BY OXBO.

No matter how you apply nutrients, liquid, biosolid or dry fertilizer, the Oxbo AT4103 is designed to perform season after season. But, sometimes you need support in the field. Each AT4103 is backed by our infield parts and service support. Oxbo service for Oxbo equipment.



DRY NUTRIENT MANAGEMENT: OXBO DNMS

A COVER MORE GROUND, FASTER

TEBBE spreader with a large 18 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 60 feet per pass for fewer trips across the field reducing compaction and application time



LIQUID NUTRIENT MANAGEMENT: OXBO LNMS



LARGE PRODUCT TANK

- 4,200 gallon 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 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





FERTILIZER APPLICATION CONFIGURATIONS



NEW LEADER COMPATIBLE

- Compatible with the legendary New Leader 15-foot G4 box as well as the 16-foot G5; both versions are available painted or stainless.
- Pair with your choice of Raven, AgLeader or John Deere for steering and precision
- High flotation AT4103 chassis carries the heavy load while minimizing compaction in all ground conditions



OXBO ACCUAIR

- 387 cu ft capacity: three product bins precisely meter each product and provide optimal mixing and distribution of granular product
- 72-foot pattern, 26 1/4" broadcast outlet space to delivery the more precise product application on every pass
- Pair with Raven RS1 or AgLead SteerCommand for steering, Raven Viper 4+ or AgLeader 1200 for precision application



OXBO ACCUSPRAY

- Industry leading 2,600 gallon product tank for fewer fill stops and more productive application
- Premium stainless steel product plumbing for long field life
- 90' aluminum boom with height range from 30-98 inches ation
- Hypro 9308 product pump standard to deliver max productivity at the rates desired. Fast loading to keep trucks moving.



AT SERIES | FAMILY OF 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.*



AT4103

- Configure for liquid of dray (manure, biosolids, compost) or fertilizer application
- 4200 gallon liquid capacity; up to 18 ton dry or biosolid capacity
- Maneuverable three-wheel design delivers the lowest compaction across application types



AT5105

- Configure for liquid of dray (manure, biosolids, compost) application
- 6600 gal liquid capacity; up to 30 ton manure, biosolid or compost capacity
- Unique five wheel system with double bogie rear axle

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 T4F; 400HP @ 1500rpm	
Cylinders	5	
Torque	1327 lb-ft	
Alternator	100 Ampère	
Compressor	Compressor with single air dryer, including a 10.5 gallon air tank, and air coupling for air hose. Capacity 26.5 ft³/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 endreduction depending on superstructure	
Speed	25 mph or 40 mph	
Tank Capacities		
Fuel	164 gal standard - optional 92 gal extra	
Hydraulic Oil	53 gal	
AdBlue	16 gal	
System	LNMS	
Loading capacity	4200 gallons	
Standard Pump	Börger EL1550 2400 gal/min	
Optional Pump	Börger EL2250 3200 gal/min	
Cutter	Vogeslang RC 10.000	
Loading arm	8" suction arm, able to load 9ft deep and 14.75ft high, with a 160 degrees reach	
Systems	DNMS	FERTILIZER APPLICATION
Type	TEBBE spreader box	New leader
Loading capacity	17.5 ton	17.5 ton
Working width	60 ft, depending on material	80 ft
Application rate	min. 2 tons/ha	
Dimesions		
Width	118" minimum or 137.4" max	
Length	29ft	
Height	12.5ft	



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