

# **SLURRY APPLICATOR**



**AT5104**

## **AT5104 | SELF-PROPELLED APPLICATOR**

The AT5104 LNMS is a high capacity, four-wheel all-wheel drive and steering self-propelled applicator designed for liquid nutrient application with minimal soil compaction. With premium comfort, exceptional styling, integrated technology, and designed for tramlines or crab steering, the AT5104 completes Oxbo's full line of manure, slurry, and digestate application equipment.





**AT5104**

## THE MOST PRODUCTIVE & RELIABLE NUTRIENT APPLICATORS

The AT5104 is the latest development in a complete Oxbo portfolio of equipment for the manure, slurry and digestate nutrient application. Designed to meet the unique needs of the application industry, the AT5104 features new styling and 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 four-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.

The AT5104 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 AT5104 senses the slip and does all the work to keep it applying as normal. **Full control in all circumstances**--highly compacted ground to wet spots--**the AT5104 knows exactly how to adjust.**

The AT5104 sets the standard in four-wheel applicators.



The AT5104 can be operated at **100% productivity from the first day in the seat.**



Experience up to 20% less fuel per hectare when pulling injection application tools--**the more difficult the job, the more the AT5104 performs.**



The combination of mechanical drive and the ZF CVT delivers the most pulling power and allows the AT5104 to cover up to **30% more hectares per hour.**



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 AT5104 operator can be 100% productive and efficient from the first day in the cabin.

The AT5104 systems and technology are designed to make every screen, every button, every piece of technology as intuitive as possible.



### ✓ A MACHINE YOU CAN TRUST

**It 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 AT5104 balances power, traction, and torque while delivering fuel economy





### ✓ **LOW TOTAL COST OF OWNERSHIP**

The AT5104 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**

With only the push of a single button, operators utilize the headland sequencing function, which automates the necessary functions when turning to reduce spillage.

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

NIR-ready: Add popular NIR sensors via ISOBUS and enable additional monitoring and automate precise control nutrient application.



### **OXBO AT5104 FEATURES**



#### **INTELLIGENT STEERING**

- Four-wheel chassis
- Utilize crab steering to minimize crop damage and compaction with one wheel per track; also suitable for tramlines
- GPS steering ensures there are no skips or overlap, regardless of driving mode
- All-wheel steering with excellent maneuverability

#### **FLOTATION AND LOW GROUND COMPACTION**

- 900, 1000, and 1250 tires available in 3-3.45m overall widths
- Row crop duals also available for standing crop applications
- Integrated hitch steering to minimize soil impact

### ✓ **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.





## LIQUID NUTRIENT MANAGEMENT: OXBO LNMS

- A** 22m<sup>3</sup> polyester tank
- B** Superload arm with high capacity centrifugal pump (up to 12m<sup>3</sup>/min)
- C** Vogelsang RotaCut 10000 cutter with large stone collector before the pump
- D** Börger 9m<sup>3</sup> pump (12m<sup>3</sup> option)
- E** Bypass valve for faster filling
- F** Automatic loading and stopping at preset values



### LARGE PRODUCT TANK

- 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 2 minutes or less in normal conditions
- 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 9m<sup>3</sup> Börger pump -- optional upgrade to a 12m<sup>3</sup> 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.*

**16m<sup>3</sup>**



### AT4103

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

**22m<sup>3</sup>**



### 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

**25m<sup>3</sup>**



### 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            | 18 working lights on the machine   |                           |
| Engine            |  |                           |
| Engine            | Scania DC13 313A   |                           |
| Output            | 550hp/405kW  |                           |
| Displacement      | 12,7 liters  |                           |
| Cylinders         | 6  |                           |
| Torque            | 2476 Nm @ 1400rpm  |                           |
| Alternator        | 24V 100A   |                           |
| Compressor        | 750 l/mn, 8bar   |                           |
| Cooling           | Designed for 45 C ambient. Reversing fan standard for cleaning.  |                           |
| Drivetrain        |  |                           |
| Front axle        | Kessler  |                           |
| Rear axle         | Kessler  |                           |
| Speed             | 42km/h   |                           |
| Transmission      |  |                           |
| Transmission      | CVT, ZF ECCOM 5.5  |                           |
| Tires             |  |                           |
|                   | <b>Standard</b>  | <b>Optional</b>           |
| Front             | MITAS VF1000/65 R32  | 1250/50R32 or VF900/60R42 |
| Rear              | MITAS VF1000/65R32   | 1250/50R32 or VF900/60R42 |
| Hitch             |  |                           |
| Hitch             | Category 3 hitch with category 4 balls. Active control pressure and free float capability.                     |                           |
| Dimensions        |  |                           |
| Transport width   | 3,0m   |                           |
| Operating width   | 3,0m   |                           |
| Length            | 10,6m  |                           |
| Height            | 3,95m  |                           |
| Turning Circle    | 9,5m   |                           |
| Tank Capacities   |  |                           |
| Fuel              | 850L   |                           |
| Hydraulic Oil     | 180L   |                           |
| AdBlue            | 60L  |                           |
| LNMS              |  |                           |
| Tank              | 22m <sup>3</sup>   |                           |
| Standard Pump     | Börger EL1550 (9m <sup>3</sup> )   |                           |
| Optional Pump     | Börger EL2250 (12m <sup>3</sup> )  |                           |
| Cutter            | Vogeslang RC 10.000  |                           |
| Loading arm       | STD 8 inch pipe with SuperLoad   |                           |



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