SELF-PROPELLED SPREADERS

4103 & 5105
Oxbo has been one of the leading distributors of application equipment for over two decades. As the distributor, manufacturer and supporter of our own Oxbo branded spreaders, we have the flexibility to take care of our customers and develop products based on their needs.

**OUR TEAM SEPARATES US**

Oxbo spreaders are backed by factory-direct parts and service. Our strategically located service centers and trained technicians are dedicated exclusively to Oxbo machines to assure you stay in the field.

**FLEXIBILITY IN DESIGN AND CHOICES**

Each customer has a different need and type of spreader for their operation. That's why Oxbo has the most flexibility in design and offers more choices than other manufacturers. Whether you need to precisely and efficiently spread fertilizer, biosolids, compost, manure, or other dry or semi-solid materials, Oxbo has a machine to fit your needs. From the versatile 4103, 3-wheel spreader, to the multi-function 5105, Oxbo equips each machine with a variety of applicators for liquid or dry products and factory installed precision options from Ag Leader or Raven. We have the ability to map the “As Applied” data for liquid and dry manure applications.

**NEW FEATURES AND OPTIONS**

The 4103 and 5105 have added several new standard features and options to offer you more flexibility in your purchase. Oxbo has three top level choices including a Tebbe box, liquid manure injection or a drag hose system. Each system is built to the highest standards to accurately and evenly distribute your valuable nutrients. Oxbo is excited to continue to develop and integrate features to both our three and five-wheeled chassis to create products as individual as your application needs. What continues to set Oxbo apart from other manufactures, is our ability to build products based on the needs of our customers.

**PROVEN PERFORMANCE**

Oxbo spreaders are rapidly becoming the application product of choice. Our flexible design, dedication to our customers are why more industry leaders chose Oxbo.
The right spreader for any size application

4103 liquid

4103 dry

5105 dry

5105 liquid
**TEBBE HIGH CAPACITY DNMS BOX**

- Available with 19-ton capacity for 4103 and 30-ton on 5105 chassis
- Powerful rear beaters pulverize material to common size
- Heavy-duty spinners equally distribute material in full spread pattern
- Bed chain composed of hard-ox steel to increase longevity

**OPTIMAL CONTROL**

- Chassis mounted weigh cells work in conjunction with the Oxbo DNMS system to accurately weigh and apply each load
- Better control of application rates, spread width and particle size for less waste and less environmental impact

**MULTIPLE UNIQUE FEATURES**

- Independent, adjustable speed controlled spinners and beaters
- Largest spinners in the industry at 47” each!
- Auto-lube system for chassis and the spreader system
- Hydraulically control end gate for easy clean out

**OTHER OPTIONAL FEATURES**

- Auto-steer choice of Raven RS1 or Ag Leader SteerCommand
- Raven Viper 4+ precision display
- Ag Leader InCommand 1200 precision display
LIQUID NUTRIENT MANAGEMENT SYSTEM

EXCEPTIONAL STANDARD FEATURES

• Fiberglass tank with integrated tubes, mix function, and suction arm
• 6" coupling connects hose to divider, including hose support on tank
• 6" front loading valve with quick coupler attachment
• 4,200 gallon 4103 tank and 6,600 gallon 5105 tank
• CAT III hitch and CAT IV ball ends
• 10” Galvanized pipework with 8” pipe to suction arm for max capacity

BORGER MANURE PUMP - STANDARD

• Hydraulic powered, variable speed, load sensing pump to system
• Super load centrifugal pump system with up to 3900 gallon/min capacity for rapid filling and increased efficiency

VOGELSANG ROTACUT 10.000 CUTTER

• 2,600 gallon/min capacity
• Horizontally mounted with a big door for clean out
• Choice of Raven Viper 4+ or Ag Leader InCommand 1200 displays
• Standard and optional features integrated into display functions
• Important touch screen functions at the end of your fingers

AUTOLUBE SYSTEM

• Autolube system keeps chassis, tank and hitch lubricated
• Grease bank for easy access to remaining grease points
4103 CHASSIS

REDEFINING MANEUVERABILITY
The Oxbo 4103 three-wheeled chassis is designed for creating the most agile turns and moves without berming. The design allows you to get tight places and makes sharp turns. The flexible 4103 is built for multi-use. The unique chassis can be used for both dry and liquid manure application as well as many other uses.

POWERED FRONT WHEEL
• Adjustable, powered front wheel equipped with hydraulically driven planetary
• Full 70 degree turning without berming

RUGGED DESIGN
• One-piece design is made from welded plates, not tubes!
• Provides the strongest frame in the industry
• All-wheel drive chassis easily turns with our load-centered weight distribution, unique to the Oxbo chassis

ROBUST TRANSMISSION
• Standard ZF ECCOM 5.0 CVT continuous variable transmission
• Fewer moving parts than competitive CVT transmissions for more reliability and less maintenance

HIGH-EFFICIENCY COOLING PACKAGE
• Single-pass cooling system
• Standard reversing fan with capability to set timer to clear cooling package as indicated by field conditions

TIRE INFLATION SYSTEM - OPTION
• Cab controlled air system allows monitoring and adjusting tire pressure for maximum flotation to reduce compaction
• Automatically returns to road travel inflation at the flip of a switch
5105 CHASSIS

REDEFINING THE STANDARD
The Oxbo 5105 sets the standard for capacity and productivity. The 5105 has the capability to spread large volumes of liquid and dry manure. The 5105 never trails the competition. The steerable rear axles provide additional agility and maneuverability while reducing the amount of stress to the frame and axles.

CAB SUSPENSION
- 4-point cab suspension
- Hydraulic front suspension and rear airbag rear system provides the optimal ride

FUEL EFFICIENT ENGINE
- Proven and time-tested Scania 6 cylinder 13L engine gives 550 peak horsepower
- Fuel-sipping capabilities without sacrificing power

RUGGED REAR AXLES
- Steerable rear axles easily handle heavy load carrying without sacrificing power or maneuverability
- Kessler axles provide the optimal durability and load handling capability for both dry and liquid systems.
- Each axle has outboard planetaries for extended gear life and reduction in drive train stress

COMFORTABLE, SPACIOUS CAB
- Cab provides exceptional panoramic view for large field of view
- Ergonomic design for less fatigue after long hours in cab
- Bluetooth ready radio stereo system

HYDRAULIC SYSTEMS
- Load sense and closed-loop systems for reduced fuel consumption and higher efficiency
- Danfoss variable displacement piston pumps are high efficient, reliable and robust
## SPECIFICATIONS

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<thead>
<tr>
<th></th>
<th>4103</th>
<th>5105</th>
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<tbody>
<tr>
<td><strong>Chassis Dimension</strong></td>
<td></td>
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<tr>
<td>Length</td>
<td>31 ft. 8 in. (9.65 m)</td>
<td>36 ft (11.1 m)</td>
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<tr>
<td>Width</td>
<td>10 ft. 5 in. (3.18 m)</td>
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<tr>
<td>Height</td>
<td>12 ft. 5 in. (3.18 m)</td>
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</tr>
<tr>
<td>Wheelbase</td>
<td>20 ft. 3 in. (6.17 m)</td>
<td>27 ft. 6 in. (8.4 m)</td>
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<tr>
<td>Steering and turning</td>
<td>70 degree front wheel steering</td>
<td>70 degree front wheel steering and</td>
</tr>
<tr>
<td>diameter</td>
<td></td>
<td>rear wheel powered steering</td>
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<tr>
<td><strong>Tires</strong></td>
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<tr>
<td>Front and Rear Tire Size</td>
<td>Michelin 1050/50 R32</td>
<td>3 piece rim assembly</td>
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<tr>
<td>Engine</td>
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<tr>
<td>Engine</td>
<td>Scania DC09, Tier 4F</td>
<td>Scania DC13, Tier 4F</td>
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<tr>
<td>Displacement</td>
<td>5 cylinder, 9.3 L</td>
<td>6 cylinder, 13L</td>
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<tr>
<td>Alternator</td>
<td>150 amp, 24 volt</td>
<td>150 amp, 24 volt</td>
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<tr>
<td>Horsepower</td>
<td>400 HP rated (294.2kW)</td>
<td>550 HP rated (405kW)</td>
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<tr>
<td>Reversible Cooling Fan</td>
<td>Hydraulically driven</td>
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<tr>
<td><strong>Drive Train</strong></td>
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<tr>
<td>Transmission</td>
<td>ZF ECCOM 5.0 CVT (continuously variable)</td>
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<tr>
<td>Front axle</td>
<td>Hydraulically driven with adjustable power</td>
<td></td>
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<tr>
<td>Rear axle</td>
<td>Mechanically driven Kessler, D91 axle with Planetary end reduction</td>
<td>Mechanically driven Kessler, LT91 axle with Planetary end reduction. 2 steerable axles, mounted on a bogie</td>
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<tr>
<td>Speed range selector</td>
<td>Automatic range shifting</td>
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<tr>
<td>Front wheel drive</td>
<td>Hydraulic drive, power adjustable in cab</td>
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<tr>
<td>Max transport speed</td>
<td>26 mph (km/h) DNMS</td>
<td>33 mph (53km/h) DNMS</td>
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<td><strong>Capacities</strong></td>
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<tr>
<td>Fuel tank</td>
<td>170 gal (650L)</td>
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<tr>
<td>DEF tank</td>
<td>15 gal (60L)</td>
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<tr>
<td><strong>Precision Options</strong></td>
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<tr>
<td>Ag Leader</td>
<td>Ag Leader InCommand 1200 and SteerCommand</td>
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<td>Raven</td>
<td>Raven Viper 4+ and RS1</td>
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<td><strong>Applicator Capacities</strong></td>
<td>Tebbe 19 ton capacity with on-board weighing system</td>
<td>Tebbe 30 ton capacity with spreader with on-board weighing system</td>
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<tr>
<td>Box options</td>
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<tr>
<td>Liquid system options</td>
<td>4,200 gal (15.9kL)</td>
<td>6,600 gal (25kL)</td>
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