TG9300
3-WHEEL SELF-PROPELLED APPLICATOR
THE TERRAGATOR TG9300: TOTAL POWER. TOTAL PERFORMANCE.

The TG9300 continues to build on our 50-year heritage of building equipment for professionals who depend on their applicators for their livelihood. “Durable,” “dependable” and “professional” are more than just words — every one of our machines is engineered to perform better than any other applicator in the industry. Ask your dealer for a demonstration and see for yourself.

For more information, visit www.terragator.com
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AT 425 HORSEPOWER, YOU GET THE MOST MUSCLE OF ANY APPLICATOR IN THE INDUSTRY

Challenging terrain is no challenge for our biggest applicator. Equipped with the impressive 425-hp CAT® C-13 engine, the TG9300 has a 459-hp power bulge and produces peak torque at engine speeds as low as 1400 rpm. So you’ll have plenty of power to pull through soft spots, climb steep hills and navigate rough terrain without getting bogged down.

You can also count on electronic engine control for solid performance and response while maintaining excellent fuel economy. Cruise control also helps with fuel economy and simply makes your job a lot easier. And you’ll spend less time filling up because the TG9300 has an incredible 200-gallon fuel capacity.

The large, all-aluminum charge-air cooling system has a 30-inch fan and corrugated fins designed to clean with air turbulence and maintain efficiency. The radiator is sealed on all sides to prevent field debris from from being drawn into it, while the flip-up grill allows easy access to the radiator, hydraulic tank and heat exchangers. A high-capacity, 200-amp alternator powers just about any requirements, including additional lighting.

POWERSHIFT TRANSMISSION MAKES MULTITASKING SIMPLE

The Powershift transmission lets you shift through 16 forward gears and three reverse gears with the simple push of a button. Thanks to the CAT Series TA22 Powershift transmission, the operator can start in any gear up to F5 without using the inching pedal (clutch), as well as make clutchless shifts under full power. You may also select the Autoshift mode, which automatically upshifts or downshifts the transmission based on engine RPM. Or opt for the Headland mode, which gives the operator the ability to pre-select field working gears.
DURABLE. DEPENDABLE. PROFESSIONAL.
The TG9300 is a real workhorse, capable of handling a rear axle capacity of 54,000 pounds (24,494 kg).

Built exclusively for ag use, this chassis has one-piece horizontal frame rails that are each a single length of high-grade, low-alloy steel. This design reduces metal stress, allowing for flex over rough, uneven terrain for consistent, precision application.

- Frame rails are 4- x 12-inch (10.16 x 30.48 cm) beams that are induction-heated, pressurized and bent wider at the engine compartment to maintain strength and reduce frame cracks
- The two-piece drive line uses maintenance-free universal joints and hanger bearings
- The front axle is a freewheeling design that has a rated capacity of 14,000 pounds.

NO TRUCK AXLES HERE
You won’t find any modified truck axles on the TG9300. These machines use rugged Axle Tech off-road wide track axles designed for use with high-flotation tires.

The rear axle drive also comes equipped with air cam-actuated drum brakes with automatic slack adjustors. These automatically adjust to maintain proper brake setting and reduce maintenance.
A SMOOTHER RIDE FOR THOSE LONGER DAYS
You’ll be riding on one of the longest wheelbases in the industry at 265 inches (673 cm). That’s good news, not only because a longer wheelbase produces a better ride so you’re not worn out after a long day, but also because it reduces the effects of rough fields on your machine, system and booms.

- Two heavy-duty, self-aligning roller bearings ensure smooth turns
- A three-degree canted front fork lets you turn inside any application spread width of 45 feet (13.7 m) or more, while reducing ground disturbance when turning
- High-flotation tires provide a smoother ride and keep you moving even in muddy conditions

INDUSTRY-LEADING PAINT AND FINISH PROCESS
The TG9300 features an industry-leading paint and finish process that provides exceptional resistance to chemical, humidity, and weather conditions to keep your machine looking great for years.

Each component is individually painted prior to assembly with a rust-inhibiting epoxy and primer and a high-gloss acrylic urethane topcoat using an airless, electrostatic spray process for maximum penetration. The chassis is shot-blasted, degreased and phosphate-treated prior to painting for maximum paint adhesion and corrosion resistance.

ANTI-KICKBACK STEERING KEEPS SHOCK LOADS AWAY
The TG9300 Series is equipped with a dynamic load-sensing steering system that gives you smooth steering and can be operated even if you lose power. This steering system has an anti-kickback design to keep shock loads from transferring to the steering wheel.
TOTAL CONTROL IN ONE COMFORTABLE PACKAGE

Our six-post design offers exceptional visibility from the industry’s only cab designed specifically for application equipment. These cabs boast over 60 square feet of glass area, including a wide, panoramic front windshield, large side windows and a glass door, so you’ve got unobstructed views in every direction.

But visibility is only the beginning. This cab was designed with operator comfort in mind. With 124 cubic feet of interior space and 14 square feet of floor area, there’s plenty of room for any operator to stretch out and get comfortable.

BREATHE EASY ALL DAY LONG
Positive cab pressure, maintained by a separate pressurization unit, keeps unfiltered air out. And a three-stage filtration process, with both an internal and external filter and active carbon cleaning, keeps the air in the cab virtually dust- and odor-free.

FLOATING ARMREST
The right-hand armrest floats with your seat movement, so you never have to search or reach for a control. It’s adjustable and holds all the functions you need for field operation. The digital display on the armrest allows the operator to set and view transmission modes, engine and transmission parameters and diagnostic information. All operator controls are logically arranged in one convenient location.

Other cab features include:

- Easy entrance and wide steps
- Adjustable steering wheel
- Sound-dampening material throughout the cab to reduce external noise
- Shock and vibration isolation material wherever possible
- Eight multi-level vents and automatic temperature control for an always-comfortable operator’s environment
- Three-way dome lighting, auxiliary radio mount, in-cab storage and multiple power outlets

Our semi-active seat is standard on all machines. This deluxe seat suspension has real-time, automatic dampening to match field terrain and your personal preferences, ensuring all day comfort. (Also available in an extremely durable, easy-to-clean leather option.)

Six-post design, panoramic view and 124 cubic feet of interior space provide the operator with excellent visibility and plenty of room to stretch out and get comfortable.

All controls are within easy, fingertip reach in the floating arm rest, including the master apply switch, gear selection, cruise control, boom wing up/down, foam marker and individual boom control.
GET THE BIGGEST CAPACITY IN THE INDUSTRY WITH OUR LIQUID SYSTEM

The TG9300 Series is all about professional grade capacity. With a 2,400-gallon (9,085L) stainless steel product tank – the biggest in the industry – you get more coverage between stops. Nearly everywhere you look, you’ll find durable stainless steel, from the product tank to the 60-gallon foam marker tank to the conveniently located eductor.

Ideal for accurate application in all terrains, including hillsides and rough, uneven fields the center-pivot boom tree design of the Benson Boom II™ lets you manage spray heights from 21 to 75 inches (53.3–190.5 cm), while separate boom leveling cylinders allow the system to maintain a stable, level platform independent of vehicle movements. You control everything from inside the cab, so you can even override the system and tilt the boom tree when you need to match boom height to the terrain.

The Benson Boom II is available in either a straight 80-foot (24.4 m) version or a versatile 60/80-foot (18.3/24.4 m) width. Both offer hose or stainless steel boom plumbing with 30- or 60-inch (76.2/152.4 cm) nozzle spacing for precision application.

Other important delivery system features:

- **Streamlined plumbing** – Designed for easy access and cleanout; delivers professional results with improved product flow and reduced turbulence.
- **Fail-safe sump valve** – The air-actuated sump valve is on the bottom of the product tank and automatically closes if air pressure is lost.
- **Separate hydraulic system** – The system has its own reservoir and an independent oil cooler equipped with a fan and temperature gauge.
HIGH-VOLUME, HIGH-CAPACITY DRY SYSTEM OPTIONS

Pneumatic booms or spinners. Single or multiple bins. No other piece of application equipment gives you more choices for product application than TerraGator. And when you need an air system, you can’t beat the high-volume capacity and output capabilities of our Air Spreader™ or AirMax Precision™ systems.

Whether it’s windy days or poor-quality fertilizer, AGCO’s air delivery systems are always up to the challenge of delivering continuously accurate application. No matter which system you choose, you can rest easy knowing that it features durable construction and corrosion-resistant materials for dependable performance.
AIR SPREADER SYSTEMS

The **Air Spreader** system is a single-bin system that features an open, free-flowing design with a unique distributor head engineered to provide more consistent application. This feature facilitates complex multi-product application where accuracy is a must, with double-overlap coverage. The self-leveling, 70-foot (21.3 m) booms feature five-foot (1.52 m) breakaway tips for added durability.

The **Soilection Twin Bin** air spreader system offers individually variable rates in both bins for dispensing products at rates from one to 20 cubic feet/minute (.028–.56 m³). Each bin utilizes independent, hydraulic-controlled metering chains that allow true variable rate application from each bin. Plus, the two-compartment box has a 290-cubic-foot (8.2 m³) struck capacity and features an eight-inch (20.32 cm) box extension and four splashguards.

The **Soilection Four Bin** represents the ultimate system for accurately blending fertilizers, nutrients and chemicals. It’s capable of carrying up to 11 tons divided among four bins, with a struck capacity of 340 cu ft (9.6 m³). Because you can variably apply multiple products in a single-pass application, your overall operating cost is reduced.

Add the optional, dual 25-cubic-foot (.70 m³) granular bin to the single or Twin Bin system to dispense independent variable rates of micronutrients from each bin.

A 400-gallon (1,514 L) co-application liquid system option is available for the Air Spreader or Twin Bin systems. Consisting of two 200-gallon (757 L) stainless steel tanks, it allows liquid product to be dispensed at rates of 10 to 40 gallons (37.8-151.4L) per minute.

AIRMAX PRECISION SYSTEMS

AirMax Precision is a single-bin dry system with 70-foot (21.3 m) booms to ensure uniform application patterns with triple overlap coverage at a rate of up to 1,200 pounds (544.3 kg) per acre*. Booms maintain their proper height with an independent boom suspension for a more uniform spread pattern.

AirMax Precision 2 spreads up to two products at once with customizable co-application rates. This system allows 50/50 or 60/40 configurations in the adjustable, split main bin.

Both AirMax Precision systems can be equipped with the optional 40-cubic-foot (1.13 m³) granular bin and the Spray-Max 475 co-application system.

The granular bin mounts to the back of the main box to provide accurate applications of micronutrients without reducing the capacity of the main bin.

The **Spra-Max 475** is a removable 475-gallon (1,798 L) stainless steel tank that allows liquid products to be applied with the AirMax Precision systems at rates of 7.5 to 70 gallons (28.4-265 L) per minute.

SPINNERS

When it comes to high capacity from a spinner unit, you can’t beat the output and volume capacity of the **New Leader L4000G4** spinner box. These spinners feature wide, tapered sides so they fill quickly, and they are available in either 304 stainless steel or painted 409 stainless steel. Capacity is up to 388 cubic feet (11 m³).

With the optional five-foot (1.5 m) or seven-foot (2.1 m) **MultiApplier** modular package, you can apply variable rates of two products in one pass, while the spinners deliver spread widths up to 90 feet (27.4 m), depending on the type of material applied.

* Based on 65-lb. (29.5-kg) density material applied at a rate of 10 mph (16 kph).
RAVEN™ SCS 5000
Simple programming and a digital boom pressure readout give you real-time information on up to five different products, regardless of vehicle speed or gear selection. Individual boom section controls and a manual override control provide the ability for spot application.

VIPER PRO™
Our most capable controller, the Viper Pro multi-function field computer delivers the ultimate combination of operating power and program capability.

With additional hardware, these units are capable of handling up to five-product VRA and multiple system functions, including AccuBoom™ automatic boom section control to ensure no costly skips or overlaps, and AutoBoom™ automatic boom height control.

SMARTRAX™
When you’re ready to get more out of your guidance system, SmarTrax is designed to give you faster operating speeds, best-in-class line acquisition and easier, more relaxed driving. Across-the-board GPS compatibility, 3-D terrain compensation, automatic system calibration and unique yaw sensor design make all the difference in the world when your season is on the line.

AGCOMMAND
The AGCOMMAND telemetry system is a low-cost, easy-to-use data recording and management solution that lets you know where every machine is at any given moment, how well it is performing and how efficiently your equipment is being used. Use the data to manage uptime efficiency, maximize productivity and increase profitability.

FALCON VT (BY AGCO)
The Falcon VT is capable of variable-rate applications of up to seven products at the same time.
**ENGINE**

- **Make:** Caterpillar
- **Type:** C-13 EPA Tier III
- **Number of Cylinders:** 6
- **Displacement:** 12.5 L (763 CID)
- **Horsepower:** 425 HP (317 kW) @ 2100 rpm
- **Peak Horsepower:** 459 HP (342 kW) @ 1800 rpm
- **Torque:** 1,510 ft-lb (2047 N·m) @ 1400 rpm

**TRANSMISSION**

- **Type:** CAT® Powershift transmission series TA22
- **Speeds Forward/Reverse:** 16/4

**AXLES**

- **Front:** 5-in.-diameter (12.7cm) freewheeling, cold-rolled solid steel
- **Rear:** Axle tech PRLC-1753, double reduction, outboard planetary 54,000-lb rating with flotation tires

**APPLICATION CAB**

- **Glass Area / Floor Area:** 60 sq.ft (5.5 m²) / 14 sq.ft. (1.39 m²)
- **CAB Suspension:** Air-ride cab
- **Radio:** AM/FM / stereo / CD-MP3-compatible / weather band
- **HVAC / Filtration:** Automatic temperature control / 3-level activated carbon
- **Steering Wheel:** 14-in. diameter
- **Standard Seat:** Semi-active seat suspension with heated seat cushions
- **Optional Seat:** Leather semi-active or air ride seat

**AIR SYSTEM**

- **Compressor:** Engine-mounted
- **Governor:** 120 psi (8.2 bar)
- **CFM:** 15.7 cfm (7.4 L/s)
- **Reservoir:** Dual

**WEIGHS**

- **Rated Capacity Front:** 14,000 lbs (6,350 kg)
- **Rated Capacity Rear:** 54,000 lbs (24,494 kg)
- **Approximate Chassis Front:** 12,100 lbs (5,488 kg)
- **Approximate Chassis Rear:** 13,960 lbs (6,332 kg)

**SUSPENSION**

- **Type:** Rigid rear axle to frame mount
- **STEERING**
  - **Type:** Dynamic load sense

**TIRES**

- **Standard:** Goodyear® radial 1050/50R32
- **Optional:** Michelin® Radial 1050/50R32

**FLUID CAPACITIES**

- **Fuel:** 200 gallon (757 L)
- **Engine coolant:** 10 gallon (37.9 L)
- **Engine oil:** 10.6 gallon (40.1 L)
- **Transmission oil:** 19 gallon (72 L)
- **Hydraulic reservoir:** 9 gallon (34 L)

**SYSTEMS/CONTROLLERS**

- **Systems Available**
  - **Liquid systems:** 2400-gal liquid (Benson Boom II)
  - **Dry systems:** AirMax Precision, AirMax Precision2, Air Spreader, Twin Bin, Four Bin, New Leader L4000G4
- **Controllers Available**
  - Falcon VT, Raven®, Raven® SCS 5000, Viper Pro™

**DRY SYSTEM DELIVERY CAPACITIES**

- **AirMax Precision**
  - Single bin: 355 cu.ft (10.1 m³)
  - Adjustable, split bin: 345 cu.ft (9.8 m³)
  - Single bin, multiple products: 345 cu.ft (9.8 m³)
  - Two bins: 320 cu.ft (9.1 m³)
  - Four bins: 340 cu.ft (9.6 m³)
  - Single bin, optional inserts: up to 388 cu.ft (11 m³)
- **AirMax Precision 2**
  - Single bin: 355 cu.ft (10.1 m³)
  - Adjustable, split bin: 345 cu.ft (9.8 m³)
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AGCO, Your Agriculture Company, is a premier manufacturer of agricultural equipment, providing high-tech solutions for professional farmers feeding the world. The company is dedicated to delivering superior customer service, innovation and quality. AGCO products are distributed in more than 140 countries worldwide.

AGCO FINANCE
At AGCO Finance, we understand that financing is as much a part of your purchase decision as the features and benefits of the product. So we’re committed to providing the best means of acquiring the equipment you need, while allowing you to preserve other credit lines of operating capital.

AGCO ANSWERS
At AGCO, customer care isn’t just a department. It’s a commitment. Contact us with your questions. We’ll do our best to answer them promptly or put you in touch with someone who can.

877-525-4384 or agcoanswers@agcocorp.com

AGCO PARTS
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