



AGCO[®]
TRACTORS

T H E D T S E R I E S

The family farm is unique.

There is rarely a large crew or fleet of equipment. There are traditions, memories and friendships mixed right alongside soil and fertilizer. There are brothers and sons and wives and daughters all working to maintain a legacy. There is little room for error and little left to chance.

This is the family farm, and there is no truer backbone in agriculture.





Long live the family farm.

We're for the family farmer. The guy who plants every inch, harvests every plant and bales what's left over. We're for the guy who wastes nothing and leaves nothing to chance. We're for bumper crops, helpful neighbors and swapping stories at the elevator. We're for you creating the legacy you want, and we've built the machine that will help you do it.

Long live your farming legacy.

Your tractor should be built for the rigors of today's and tomorrow's family farm, and your tractor should be exactly what your family farm needs to make the most of its opportunities and challenges.



The New DT Series. Created to build a legacy. Starting with yours.





Features

Introducing the newest member of the family farm.

The AGCO DT Series is the flagship of a proud line of hardworking row crop tractors. The DT Series has been fully engineered from the ground up, incorporating the best technology and construction into a tractor built for partnership on the family farm. At its core is a sturdy frame molded into a sleek chassis. Under its hood lies one of the most advanced engines and transmissions ever driven out into a field. Over the chassis sits a cab that perfectly blends comfort with functionality. In its heart lies the technology to see and control more operations, with more precision, than ever before.



1. **New engine:** The new AGCO SISU POWER engine with e3 technology lets the tractor run higher horsepower using less fuel and trapping less heat. The e3 system cleans the exhaust without channeling emissions or heat back into the engine. The result: you can be a better steward of the environment without any compromise in power and efficiency.
2. The advanced AGCO Tractors CVT is fully adjustable, allowing the tractor to transport at up to 32 mph, pace grain carts with ease, pull planters at precise speeds and crawl as slow as 60 feet per hour.
3. The panoramic cab features 28 percent more volume than our previous cab, and the coordinated styling of the machine results in a visibility that nearly allows the operator to see the front weights. The four-post design offers unrivaled field of view.
4. Four-point cab suspension keeps the ride smooth and controlled. A hydraulic system distributes more suspension to the front when braking, preventing the cab from lunging forward.
5. The seat and control console are on a suspension system, keeping important controls comfortably in reach.
6. The implement hydraulic valves stack runs from a fluid reservoir separate from the transmission to block contaminants from causing damage to transmission components.
7. A standard field lighting system illuminates completely around the tractor. Optional Xenon road lights give you the brighter and stronger illumination often reserved for luxury cars.
8. **Higher horsepower ratings:** The totally redesigned DT Series extends the AGCO high-horsepower tractors into a new power peak of 275 PTO horsepower.
9. **New-generation styling:** The redesigned one-piece hood features contemporary styling and a bold new look, while still allowing easy access to the engine.
10. **Chassis structure:** A rugged chassis-rail frame, combined with a new sculpted front axle support casting, provides a solid foundation for the DT Series while preserving a tight turning radius.
11. **Heavier front axle:** A new heavy-duty front axle features larger final drives and the strength to handle larger draft loads and weight.
12. **Integrated front 3-point hitch option:** The new front axle support casting allows the use of a fully integrated front 3-point hitch that is stronger and more compact for improved lifting capacity and ground clearance. The new design also comes with the added option of a 1,000-rpm PTO.
13. **Heavy-duty rear linkage:** A larger rear linkage with larger lift cylinders, stronger lift arms, an increased cylinder stroke and a stronger cross shaft provides an incredible lift capacity of 21,336 lbs. (9,678 kg) at the link ends.
14. **Speedsteer standard feature:** Allows the operator to adjust the steering ratio and select the number of steering wheel turns required for a given amount of front wheel turn to provide optimum steering response at transport speed and when turning at headlands.





Drivetrain

Solid, dependable and ready for hard work.
Just like the people it was built for.

When it comes to machinery, the heart of the family farm is the tractor. A tractor is at its best when it is capable of the task in front of it, efficient in its operation and dependable every time. No part of the tractor is as crucial to these tasks as the drivetrain.

At the heart of the DT drivetrain are a revolutionary engine and the most tested continuously variable transmission (CVT). Both were built specifically for the task of providing the kind of versatility, capability and dependability that family farms want and need.



Drivetrain

AGCO SISU POWER

THE POWER PLANT

The AGCO SISU POWER engine is designed for tough farming. Its torque curves and service points are built for the rigors of agriculture. Equipped with Electronic Engine Management (EEM), AGCO SISU POWER engines maintain maximum torque between 1,200 and 1,500 rpm and deliver constant power down to 1,570 rpm to handle the toughest job you can dish out.

- A wastegate turbocharger with air-to-air intercooling ensures optimum inlet manifold pressure and a more thorough burn.
- Four valves per cylinder provide a better fuel/air mixture, optimum fuel combustion and a reduction in thermal loads at the top of the cylinder. It all translates into lower emissions, a longer service life and better fuel economy.
- The single-piece, cast-iron block provides exceptional structural strength and a narrow profile. When combined with the new sculpted frame, it results in a tight turning radius and a superior line of sight.
- The oil-cooled pistons have a cooling channel molded into the underside for additional cooling.
- Single-side servicing gets you into the field quicker and simplifies maintenance.

ELECTRONIC ENGINE MANAGEMENT

To keep your DT Series tractor running at full performance and efficiency, the engine uses an Electronic Engine Management system to control operations through a variety of operating conditions. Full-authority Electronic Engine Management works in unison with the electronic fuel injection system to provide quick and precise response to throttle movement. The EEM system is also in constant communication with the transmission, continually adjusting the amount and timing of fuel injections in relation to engine speed and load. The benefits are lower emissions, more power and exceptional fuel economy.

DT Series tractors provide constant power over a broad range of rpm for maximum efficiency and fuel economy.



Drivetrain

Save fuel and the environment with e3 technology.

The new AGCO DT Series tractors are the first AGCO tractors to use e3 technology. Our DT Series tractors offer the most farmer-friendly approach to meeting EPA standards – without making trade-offs in power, productivity and operating costs.

PEAK PERFORMANCE. NO COMPROMISES.

- Uncompromised horsepower and torque
- Significantly improved fuel economy
- An easier, more efficient path to meeting EPA emissions standards
- e3 engines run cooler
- And e3 technology adds nothing to the price of a DT Series tractor – e3 is standard equipment on DT tractors.

MEET EPA REQUIREMENTS AND STILL KEEP YOUR COOL.

When most farmers think of meeting emission standards, they think of the trouble long-haul truckers have experienced with EGR (Exhaust Gas Recirculation) emission control. Loss of power, increased costs, reduced fuel efficiency and, most troubling of all, excessive heat rejection.

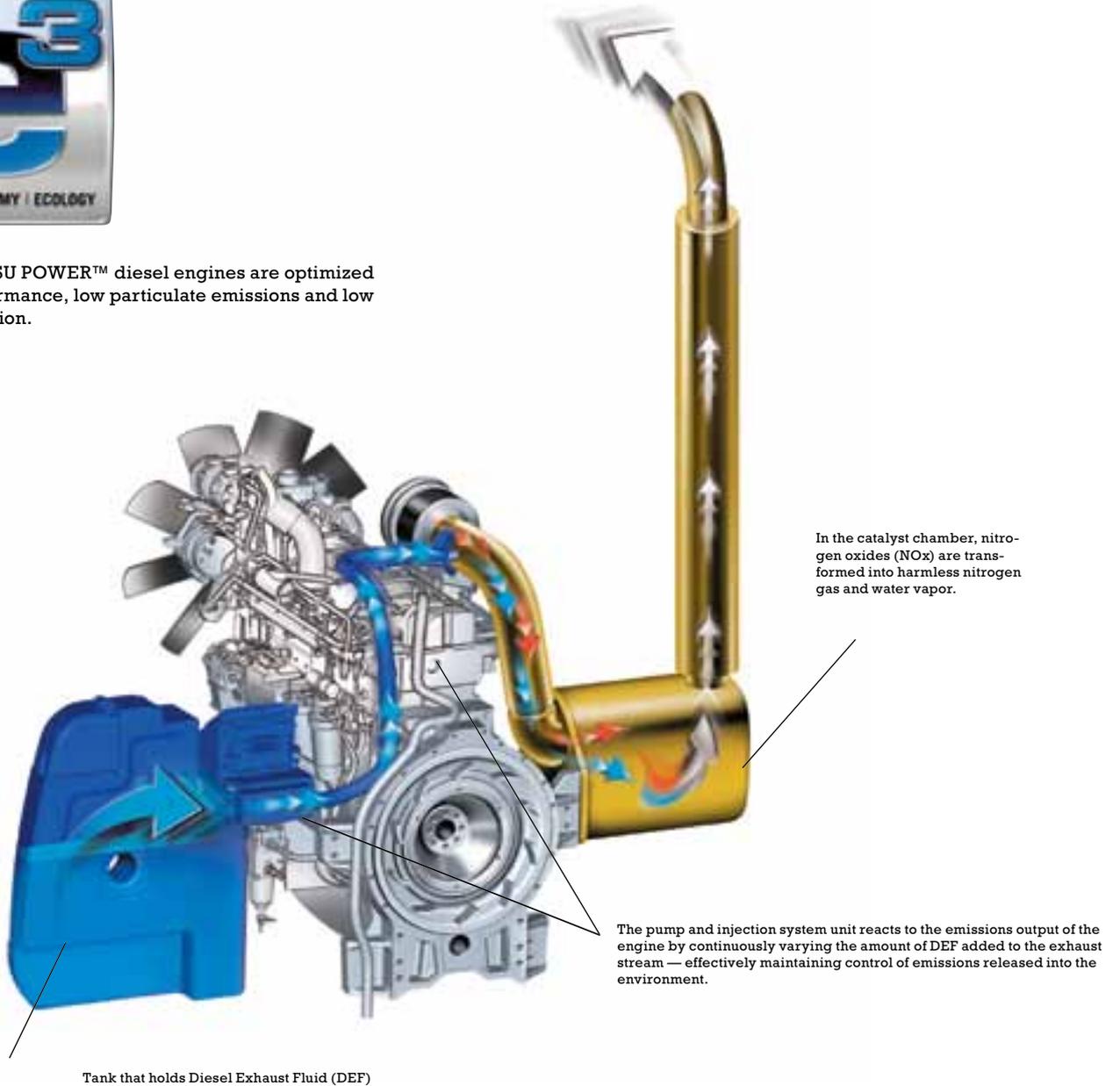
The plain fact is that e3 is an SCR process (Selective Catalytic Reduction), not the EGR process that truckers had to deal with. It's entirely different technology that works for you, not against you.

FOR TODAY AND TOMORROW'S FARMS.

EPA regulations are only getting tougher. Tier 4 interim standards must be met by 2011 and Tier 4 final standards by 2014. We're so sure that e3 SCR technology is the best way – the only way – to achieve those standards without sacrificing performance and fuel economy, we can say it's virtually inevitable our competitors will end up taking the same path.



Our AGCO SISU POWER™ diesel engines are optimized for high performance, low particulate emissions and low fuel consumption.



In the catalyst chamber, nitrogen oxides (NO_x) are transformed into harmless nitrogen gas and water vapor.

The pump and injection system unit reacts to the emissions output of the engine by continuously varying the amount of DEF added to the exhaust stream — effectively maintaining control of emissions released into the environment.

Tank that holds Diesel Exhaust Fluid (DEF)

CLEANER AIR. PURE PERFORMANCE.

Our e3 version of SCR technology provides you with all the power you need, in the form of undiminished horsepower and torque and better fuel economy than our competitors – up to 15% better.

e3 treats the downstream exhaust with Diesel Exhaust Fluid (DEF), which breaks nitrogen oxides (NOx) down harmlessly into nitrogen and water. At current Tier 3 levels, consumption of DEF is about 2.5 to 3% of fuel consumption, depending on load.

Believe it or not, the e3 process, along with electronic engine management, actually allows our AGCO SISU POWER diesel engines to perform better, run quieter, stay cooler and last longer.

AS SIMPLE AS IT IS EFFECTIVE.

Q: How can e3 reduce emissions, save fuel AND optimize power and performance? I don't get it.

A: The key to its success is the fact that it's a post-combustion process. It stays out of the way of what the engine is built to do – provide power. After the exhaust leaves the engine, all that remains to be done is to reduce the nitrogen oxides (NOx).

Q: What is the added cost to the tractor for e3 technology?

A: There is nothing added to the purchase price of a tractor with e3 technology. We are so confident in the e3 technology and its benefits to the environment and the family farmer's bottom line, that we have made e3 standard equipment on DT Series tractors.

Q: How much money can e3 save me in fuel consumption?

A: Compared to competitive models, e3 technology delivers up to 15% in fuel savings.* For example, if you normally consume 10 gallons per hour, use your tractor for 600 hours per year and assume \$2.70 diesel fuel, you would save an estimated \$2,430 per year. Visit www.agcocorp.com/e3 to calculate your potential savings.

* Based on OECD tests of fuel consumption at maximum PTO power (g/kW.hr).

Q: Will Diesel Exhaust Fluid (DEF) be available in my area?

A: Absolutely. There are literally thousands of supply locations springing up across North America. Since the trucking industry has already adopted SCR technology as the inevitable path to Tier 4, availability at truck stop chains is spreading nationwide. AGCO will distribute DEF via its network of equipment dealers across North America.



Drivetrain

The AGCO Tractors CVT – the World's Most Efficient Transmission

The key to versatility in a tractor is in its transmission. A great tractor transmission will allow precise control and thousands of hours of reliability. The highly efficient AGCO Tractors CVT was constructed to ensure peak performance in a wide range of applications, the versatility of fully dynamic speed adjustments and the reliability that only the most-tested CVT can provide.

DYNAMIC TRACTOR MANAGEMENT (DTM) – DOING THE WORK FOR YOU.

Standard equipment on all DT Series models, the continuously variable transmission still provides infinite speed control from supercreep to 32 mph transport speed without shifting, jerking or a delay in traction or power. When activated with the push of a button on the console, CVT automatically maintains the required speed by managing both the engine speed and the transmission ratio.

Simply move the Power Control lever in the desired travel direction; then push the armrest-mounted CVT lever. The farther you push the lever, the faster the tractor accelerates.

To slow down, simply pull back on the CVT lever. Once you've reached the desired speed, release the lever and the technology of the CVT takes over.

CVT offers two infinitely variable speed ranges: 0 to 17 mph (0-28 kph) for field applications and 0 to 25 mph (0-40 kph) standard or 0 to 32 mph (0-52 kph) optional.

When engaged, the foot pedal allows the operator to operate the tractor much like a car, using the foot pedal to control ground speed. This feature is ideal in applications like loader work or crop harvesting, which require a constant engine speed to maintain hydraulic flow or a set PTO speed.



Drivetrain

AGCO Tractors CVT with Dynamic Tractor Management

Improved performance and efficiency in your farm operation are even easier to attain when you add a CVT-equipped AGCO DT Series tractor to your business. In fact, as long as the system is activated via the CVT switch, you don't even need to move the throttle unless the application requires a minimum or maximum engine speed.

Simply move the CVT control lever to attain the desired ground speed and the engine speed is automatically regulated between 800 and 2,260 rpm. If less power is required to maintain the ground speed, the engine throttles back to compensate, saving fuel, reducing engine noise and extending service life. Conversely, the engine speed is automatically increased when the tractor encounters a heavy draft load or an uphill grade.

ENGINE SUPERVISOR

Working in conjunction with the CVT, the engine supervisor feature allows the operator to select the percentage of engine rpm loss allowed under heavy loads – up to 40 percent – before the transmission slows the ground speed. Once the engine has recovered, the tractor speed returns to the initial setting.

This feature can also be used in conjunction with PTO-powered implements when maintaining engine speed is important.

PRE-SET SPEED CONTROL

Travel speed and rate of acceleration can be pre-set and memorized within each of two ranges – SV1 and SV2. Simply turn the rotary dials until the desired speeds are indicated on the digital display on the instrument panel. The setting acts as a cruise control to maintain the specified speed when the appropriate button is depressed.



Functionality

The new generation of AGCO DT tractors are highly functional machines that take the rudimentary tasks of powering, pulling, lifting and loading to the next level. A combination of ruggedness, technology and raw power will help you get every ounce of productivity out of the effort you put in.

Hydraulics

Implements sized to put tractors up to 275 horsepower to work demand a lot from the tractor's hydraulics. A hose run can stretch 30 feet to a wing folding cylinder. DT Series tractors deliver the kind of flow and precision that make implements respond quickly and smoothly.

CLOSED-CENTER HYDRAULIC SYSTEM

Equipped with a closed-center, pressure-and-flow-compensated hydraulic system, DT Series tractors provide flow to multiple functions at up to 46 gpm (175 lpm) and 2,900 psi (200 bar), with a maximum flow of 26 gpm (100 lpm) from any individual valve. Standard equipment is four hydraulic spool valves with the option of one or two additional remotes. While a total of six valves can be configured for fingertip control, the standard configuration is a single joystick for control of two electro-hydraulic proportional spool valves and fingertip controls for the remaining two to four valves.

FASTER CONTROL OF MULTIPLE FUNCTIONS

The programmable multi-directional joystick allows the operator to program the flow and speed of all functions and then repeat them by simply moving the joystick, shortening cycle times and reducing operator fatigue. Joystick control is especially valuable for faster, more efficient loader work or when performing complex equipment commands during headland maneuvers.

POWER BEYOND

A separate power beyond circuit, built into the hydraulic spool block, provides flow directly from the pump to operate a hydraulic-drive motor without using the existing couplers.



Functionality

Loaders

AGCO FL85 LOADER FOR DT SERIES TRACTORS

Thanks to its solid construction and integral fit, the AGCO Model FL85 mechanical self-leveling loader ensures the performance, reliability, control and operator comfort that is demanded for a material-handling unit.

- The main loader arms are constructed of two U-shaped, high-strength alloy steel channels fitted together and welded on the inside for a 70 mm-wide profile with a clean, strong appearance.
- A centrally located valve unit – protected by the cross tube and hidden under a cover – connects all functions at one point for easier service and synchronized flow between the left and right sides, regardless of the load, oil temperature or hydraulic pressure.
- Loader mounting is fast and easy, thanks to our unique Lock-and-Go™ connection system and a quick connection option, which groups all hydraulic couplers into a single block coupling.
- Responsive joystick control is already built into the DT Series tractors via the joystick located on the armrest console.

Model FL85 Loader Specifications	
Maximum lift height to pivot pin	148 in. (3.76 m)
Maximum rollback angle	40 degrees
Maximum dump angle	54 degrees
Lift capacity to maximum height @ pivot pins	5,335 lbs. (2,420 kg)
Lift capacity to max. height @ 31.5" forward of pivot pins	4,696 lbs. (2,130 kg)
Maximum breakout force @ pivot pins	7,319 lbs. (3,320 kg)
Lift time @ 15.6 gpm	8.5 seconds
Digging depth	8 in. (210 mm)



Functionality

PTO/3-Point Hitch

STANDARD SINGLE-SPEED ECONOMY PTO

AGCO DT Series tractors feature a standard 1,000 rpm PTO with a 1,000 rpm economy PTO that allows the engine speed to be reduced from 1,970 to 1,570 rpm. This allows for reduced fuel usage and less noise and vibration when handling light loads. Engagement is electronically controlled through a wet multi-disc clutch while PTO speed is digitally displayed on the dash panel for precise control of PTO-driven implements.

AUTOMATED CONTROL

The DT transmission controller engages all-wheel-drive when you need it – like when braking and when the differential lock is engaged – and switches it off when you don't – when travel speed exceeds 8.7 mph (14 km/h).

The system also disengages the differential lock (after initial manual engagement) each time the implement is lowered.

HIGH-CAPACITY 3-POINT HITCH

With a lift capacity of 21,336 lbs. (9,678 kg) across the board on the Category 4, 3/3N rear hitch, DT Series tractors have the strength to lift the heaviest planters, harvesters and strip-till units. Digital electronic linkage control offers a choice of draft-sensing mode, for quick response to changing field contours, or position-control mode, for maintaining a preset height or depth.



Functionality

PTO/3-Point Hitch



CONVENIENT CONTROL

The Electronic Linkage Control (ELC) system still maintains its position as the industry leader in accuracy, responsiveness, ease of use and reliability. The system also incorporates sensitivity, quick soil engagement and automatic drop speed as standard features.

ACTIVE TRANSPORT CONTROL (ATC)

Active Transport Control is integrated into the ELC system as standard equipment to help reduce shock loads and stabilize 3-point hitch loads during transport. As mounted equipment is being moved over the road or across the headland in the raised position, the hydraulic rams absorb the shocks that can impact both the ride and control – automatically adjusting for different implement weights.

The ATC system can either be controlled manually or automatically linked to the ELC lift/lower switch. It is then activated when the implement is raised and deactivated when the implement is lowered.

Integrated Front 3-Point Hitch

The DT Series has an optional Integrated Linkage System (ILS) or front 3-point hitch. Fully integrated into the tractor main-frame for greater strength and a more compact profile, the ILS front 3-point hitch provides more than 11,000 lbs. (5,000 kg) of lift capacity, which allows it to handle a wide range of powerful and productive front-mounted implements.

Standard ILS equipment also includes a towing clevis, an electric power connector and two hydraulic remotes that divert up to 43 gpm (137 L/m) of flow from the rear remotes at the flip of a switch.

The front PTO option is available for tasks such as running a disc mower or snow blower. Easily engaged via a console-mounted rocker switch, the PTO features a 21-spine, 1,000-rpm shaft with clockwise rotation for powering a variety of front-mounted implements.



Environment

The Cab

The cab on the new AGCO DT tractors has a 28% increase in cab space, giving it the largest cab in its size class. It features more room for the person in the instructor's seat, a redesigned armrest-mounted console that puts all key functions where they are most convenient and the quietest interior sound rating in the industry at just 71 decibels.

The Control Center Display console also includes an advanced ISOBUS control, which now includes video capability as well as integrated control of any ISOBUS-compliant equipment.

- Adjustable outlets, including new low-level vents, provide excellent air distribution and accurate temperature control either manually or with the optional Automatic Climate Control.
- Electronic connections on the right-hand B pillar include a 12-volt supply with its own switch, a cigarette lighter and an ISOBUS plug.
- Additional connections near the right-side floor include an additional 12-volt for monitors and accessories along with an ISOBUS connection.
- A larger field cooler and a field office that includes a cell phone holder and outlet.
- A roomy cab roof, designed for more headroom and better forward visibility, puts radio access and climate control within easy reach.
- The standard lighting package, which includes eight halogen field lights, provides excellent nighttime visibility. Or, step up to the optional Xenon lighting system, which provides up to 30% more illumination for even better visibility after dark.
- 67.3 square feet (6.22 m²) of glass area, along with the contoured, sloping hood, side-mounted exhaust and narrow cab pillars provide an unobstructed, panoramic view of the field.



Environment

The Cab

The air-suspended swivel seat comes standard and offers eight different manual adjustments, including lumbar support and automatic weight adjustment for exceptional comfort. For enhanced ride comfort, a super deluxe seat is also available. In addition to double pneumatic lumbar support and eight different adjustments, it features internal heating for cold winter days and an active carbon seat covering that absorbs moisture to help you feel cooler in the summer.

All major tractor and implement controls are sensibly located on the right-hand console that moves with the seat, including the new Command Center Display (CCD) monitor that provides an interface with a wide variety of tractor and implement functions.

New Hydraulic OptiRide

The OptiRide cab suspension option uses a new hydraulic damper and accumulator system on each corner of the cab for unsurpassed ride comfort. The optional OptiRide Plus dynamic suspension features adjustable damping for an additional 50% improvement in ride over no suspension.

Front Suspension Offers Multiple Benefits

The suspended front axle system on AGCO DT Series tractors reduces vibration by 50% or more when combined with the cab suspension system. It's also required for stability and control in combination with the optional 32-mph CVT.

One of the most valuable benefits of the AGCO Tractors front suspension is the increased traction and efficiency via reduced power hop and wheel slippage. Front suspension automatically maintains a constant suspension height, regardless of axle load, to reduce shock loads and keep the front tires in contact with the ground.

Unlike competitive systems, though, the DT Series front suspension can be turned off when necessary. Procedures where height control is critical, such as using a front-mounted cultivator or operating a front-end loader, will work better and more precisely with the suspension turned off.

SpeedSteer Reduces Turning Effort

Make turns at the headlands even quicker and with much less effort with the new SpeedSteer system. A dial allows the operator to adjust the number of steering wheel turns needed for the same angle of turn on the front wheels, while a toggle switch on the armrest console allows the system to be turned on and off as needed.



Technology



With the optional CCD console, you can program actions and setup sequences quickly and execute them with the touch of a button.

Work smarter and harder.

HEADLAND MANAGEMENT

When equipped with the CCD console, the DT Series includes an advanced headland management capability. Our easy to use headland management system gives you the power to initiate several tractor and implement functions with the touch of a single button. Simple to program and even easier to operate, the system executes up to 35 tractor and implement actions, such as transmission shifting, accelerating or decelerating the engine, raising and lowering the 3-point hitch, engaging and disengaging the PTO and raising and lowering an implement.

DT Series tractors offer more programmable actions and more ways of setting up a sequence than any other system on the market.

- **Sequence Memory:** Unlike other systems, the DT Series headland management system allows you to pre-program a sequence for use by other family members or an employee.
- **Data Recall:** Using keys and the rotary dial on the CCD monitor terminal, you can store, name and recall up to eight sets of data for different fields, operators or implements.
- **Data Transfer:** Data can also be transferred, via an SD memory card, to your office computer for analysis or from tractor to tractor to speed implement set-up.

EVERYTHING IN ITS RIGHT PLACE

Until now, dedicated terminals were required to monitor and control every different implement you hooked behind the tractor. But not anymore!

The CCD armrest-mounted console is designed to monitor the performance of both the tractor and trailing implements through a common ISOBUS (International Standardization Organization) system. As a result, AGCO now offers a single terminal for control of all ISOBUS 11783-compliant implements, including balers, planters and sprayers, saving you time, money, unnecessary installations... and annoying cab clutter.

REMOTE CAMERA

The CCD monitor can be linked with up to two optional remote video cameras that can be mounted anywhere on the tractor or implement. The armrest-mounted console provides a high-quality image that lets you peer into spots you can't see from the tractor seat.

AUTO-GUIDE²

Auto-Guide² Satellite-Based Steering System for Precise, Automated Machine Navigation

The Auto-Guide²™ steering system allows you to reduce skips and overlaps.

- World's first multi-constellation (GPS, GLONASS and Galileo) receiver with integrated antenna and guidance controls
- Uses Topcon G3 paradigm chip
- 72-channel receiver uses all available satellites
- Superior compensation for rolling terrain
- Best in class accuracy at all correction levels
- Expandable for use with future correction sources
- Easy "GO" button operation
- ISO-compliant components

Total Control. Total Vision. ATS delivers the advanced ag technology you need today.

The flexibility to precisely perform applications like bedding, planting, spraying and tillage is already built into the Auto-Guide² satellite navigation system. All DT Series models are available Auto-Guide² Ready and easily upgradable as technology evolves. Simply add the TopDock and decide on the system that best matches your needs and accuracy level goals.

Auto-Guide² allows you to upgrade the system and DGPS signal source, for increased accuracy levels, without replacing major portions of the system. Choose from three levels of steering accuracy to suit your operation, ranging from the fee-free WAAS signal to the 0.8 in. (2 cm) accurate RTK base station.



The Auto-Guide² TopDock, which houses the GPS antenna, receiver and dynamic measuring, can be easily transferred to any Auto-Guide² Ready machine.

AUTO-GUIDE²



Options

Make it your own.

Many options are available on the DT Series, ranging from the suspended front axle, front hitch and PTO to the OptiRide Plus cab suspension and deluxe heated seat. Consult your dealer to customize the DT for your specific needs.

ATS SOFTWARE AIDS MANAGEMENT

Attention to detail and accurate and efficient record keeping are essential requirements of any successful business, and farming is no exception. That's why data recorded using the Control Center Display console's memory function can be displayed on the monitor or transferred via memory card to another tractor or the office computer.

As a result, this award-winning system has the potential to improve productivity via record keeping, data analysis and/or mapping. The optional GTA100 Communicator software package allows machine use and job data to be viewed, managed and exported to farm management programs. The information can also be integrated with other ATS software options, including GTA200 Record Keeping, GTA300 Mapping and GTA400 Precision Farming.



ATTAIN OPTIMUM BALANCE

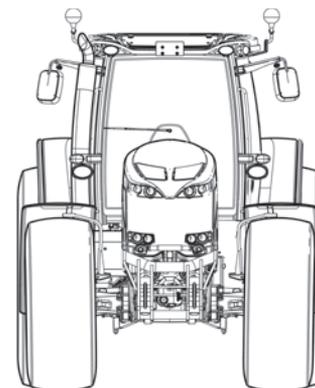
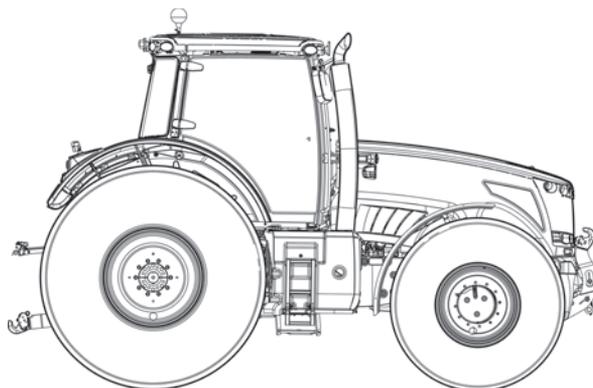
Whether you're running dual wheels or singles, using a loader or carrying heavy 3-point hitch loads, the DT Series tractors make it easy to balance the weight distribution on each axle for peak performance. Ballast options include 77 lb. (35 kg) and 550 lb. (250 kg) wheel weights; up to two dozen 121 lb. (55 kg) suitcase weights on the front rack and a choice of 1,323 lb. (600 kg) and 1,984 lb. (900 kg) modular weights for attachment on the front 3-point hitch.

Tractor Model	DT205B	DT225B	DT250B	DT275B
Engine Performance				
PTO HP @ 2,200 Rated Engine RPM (kW)	205 (151)	225 (166)	250 (184)	275 (202)
ISO Engine HP @ 2,200 Rated Engine RPM (kW)	240 (177)	265 (195)	290 (213)	320 (236)
Maximum ISO Engine HP @ 2,000 Engine RPM (kW)	270 (199)	295 (218)	320 (236)	350 (258)
Engine				
Rated Speed (RPM)	2,200			
Maximum Torque Rise	54%			
Maximum Power Bulge	15%			
Type - Standard	AGCO SISU Power w/ e ³ Technology			
- Optional	AGCO SISU Power IEGR			
Number of Cylinders	6			
Aspiration	Turbocharged w/ air/air intercooler			
Type of Cooling	Liquid cooling			
Displacement Liters (CID)	8.4 (514)			
Compression Ratio	16.7 : 1			
Fuel Injection System	Bosch high-pressure common rail, electronic injectors with variable injection timing and duration			
Fuel	Diesel			
Fuel Filter	Replaceable oil filter			
Lubrication System	Gear pump at bottom of timing gear			
Starting Aid	Thermostart			
Electrical System				
Alternator / Battery	240 Amps / 12 V			
ISOBUS Connector	50 Amps			
Transmission				
Type	CVT with Dynamic Tractor Management (DTM) 25 mph (40 km/h)			
Field Speed Range	0.02 - 17 mph forward and 0.02 - 10 mph reverse (0.03 - 28 km/h forward and 0.03 - 16 km/h reverse)			
Road Speed Range	0.02 - 25 mph forward and 0.02 - 24 mph reverse (0.03 - 40 km/h forward and 0.03 - 38 km/h reverse)			
Road Speed Range - 50 km/h - Optional	0.02 - 30 mph forward and 0.02 - 24 mph reverse (0.03 - 50 km/h forward and 0.03 - 38 km/h reverse)			
Speed Forward	Infinite			
Cruise Control Speeds	2			
Brakes and Final Drives				
Type of Final Drives	Inboard planetary			
Type of Brakes	Wet disc			

Tractor Model	DT205B	DT225B	DT250B	DT275B
Rear Axle				
4.33 x 118 in. (110 x 2,999 mm) Long Axle	Standard			
4.33 x 118 in. (110 x 2,999 mm) Long Axle With Dual Wheel Provision	Optional			
4.33 x 118 in. (110 x 2,999 mm) Long Axle With Dual Wheel Provision & Spacers	Optional			
4.33 x 105 in (110 x 2,550 mm) Short Axle	Optional			
4.33 x 105 in (110 x 2,550 mm) Short Axle with Dual Wheel Provision & Spacers	Optional			
Differential Lock - Full-Locking, Electro-hydraulic	Standard			
Front Axle				
2 Wheel Drive	N/A			
4 Wheel Drive Differential Lock	Standard - full-locking, electro-hydraulic standard			
4 Wheel Drive Engagement	Electro-hydraulic			
4 Wheel Drive Maximum Steering Angle	55°			
Front Axle Suspension	Optional			
Differential Lock	Standard - full-locking, electro-hydraulic			
Hydraulics				
System Type	Closed Center Load Sensing (CCLS)			
Total Flow Rate - US Standard Gallon (L)	46 (175)			
Maximum Pressure PSI (Bar)	2,900 (200)			
Available Flow Rate Per Spool Valves gpm (L/min)	26.4 (100)			
Remotes - Standard / Optional	Standard - 2 fingertip spool valves and 2 joystick spool valves / Optional - up to 4 fingertip spool valves and 2 joystick spool valves			
Hydraulic Couplers	Decompression couplers with connect/disconnect under pressure function			
Steering Wheel				
Steering Wheel	Tilt & telescopic			
SpeedSteer	Standard			
3-Point Hitch - Rear				
Category 3	Standard			
Category 4 (only with 20 spline shaft)	Optional			
Stabilizers	Sway block			
Maximum Lift Capacity at 24" (60cm) lbs. (kg)	21,336 (9,678)			
3-Point Hitch - Front - Optional				
Category 3	Standard			
Integrated Front Hitch	Standard with front 3-point hitch			
Maximum Lift Capacity at Link End lbs. (kg)	11,000 (5,000)			
Drawbar				
Category 3 with Drop Pin	Standard			
Category 3 Heavy Duty with Drop Pin	Optional			
Category 4 with Drop Pin	Optional			

Tractor Model	DT205B	DT225B	DT250B	DT275B
PTO				
Speeds - Standard RPM	1,000e/1,000			
Engagement	Electro-hydraulic			
Shaft Diameter in. (mm)	1 3/4 in (45 mm) shaft, 20 spline			
Engine Speed if PTO at 1,000 RPM	1,970			
Engine Speed if PTO at 1,000e RPM	1,605			
Operator Area				
Cab Glass Area ft ² (m ²)	67.3 (6.22)			
Noise Level dB(A)	71			
OptiRide Hydraulic Suspended Cab	Standard			
OptiRide Plus Hydraulic Suspended Cab	Optional			
Operator Seat - Air Suspension	Standard			
Transmission Control(s)	Right console/armrest			
Forward Control(s)	Left hand control			
Cab Doors (2)	Standard			
Control Center Display (CCD)	Optional			
Guidance System				
Auto-Guide™	Optional			
Dimension & Weight*				
Wheelbase in. (mm)	122 (3,100)			
Overall Length in. (mm)	215.7 (5,480)			
Maximum Height Over Cab	141 (3,584)			
Approx. Shipping Weight lbs. (kg)	24,250 (11,023)			
Capacity				
Fuel Tank Capacity US Gallon (L) w/ e3 Technology	155.9 (590)			
Fuel Tank Capacity US Gallon (L)	182.3 (690)			
Diesel Exhaust Fluid (DEF) Usable Tank Capacity US Gallon (L)	7.9 (30)			

* All dimensions measured with dual 520/85R46 rear tires and 480/70R34 front tires



Specifications



Service

Built to work in the field as long as you need it.

The DT Series has been built to provide faithful service while keeping the hassle and expense of maintenance to a minimum. The replacement interval on transmission oil and filters, for example, has been increased to every 1,200 hours, while the engine oil change interval is now 400 hours.

With the new one-piece hood, it's a lot easier to get to the engine and cooling system. Simply lift the hood from the front and remove the side panels without tools for access to all engine components, including engine air filter, belts, alternator, air conditioning compressor, radiator fill and windshield washer fluid.

All DT Series models feature a new cassette-type engine air cleaner, positioned at the front of the tractor, that makes service even less time-consuming.



The batteries are easily accessible by removing a cover beneath the steps on the right side of the cab/platform.



An externally accessible cab air filter is easy to change and helps keep the cab interior free from dust.



An easy-access 155-gallon (590 L) capacity makes fuel stops even less frequent.

Meanwhile, the 13.2-gallon (50 L) diesel exhaust fluid (DEF) tank holds enough material for two average days of work. A 182-gallon (690 L) fuel tank is standard with EGR system.





Support

Service from the people who know the family farm best.

Our network of AGCO Tractors dealers understand what owning a tractor really means. They'll advise and support you through the selection process, the buying process and through operation and maintenance.

Most important, your AGCO dealer is continually focused on minimizing your downtime – especially during critical times of the year – via parts availability and well-trained, competent mechanics.

OUR 2-YEAR/2,000-HOUR WARRANTY

Even our warranty is high performance, covering 2 years/2,000 hours on the engine and power train and our 2-year/2,000 hour all-inclusive warranty on parts and labor. From grille to hitch pin, it's one of the best in the business, backed by dealers who understand how to help you make the most of it.



Quality parts – AGCO parts are manufactured to meet the same high standards of dependability as you'll find on every new DT Series tractor. Continued and consistent use of these quality parts will help keep your tractor running like new. Shop 24/7 on www.AGCOparts.com.









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