

**MT600D SERIES
SPECIFICATIONS**

Challenger

INTRODUCING THE CHALLENGER MT600D SERIES.

QUITE POSSIBLY THE MOST ADVANCED ROW CROP TRACTOR EVER BUILT.



Challenger





Meet Your New Partner In Productivity

From top to bottom, you're surrounded with unparalleled comfort, power and performance. The Challenger MT600D Series is the complete package for efficiency-minded operators who tackle tough tasks day in and day out.

The most demanding conditions demand Challenger

The MT600D Series is built for tough conditions – from the feedlot to the field – that require up-time regardless of weather. The optimal blend of power and performance helps put you in command of the daily challenges that other equipment simply can't handle.

We believe in putting time back on your side.

That's why we built a tractor that works hard and smart day after day, season after season. Easy-to-perform routine maintenance and longer intervals between oil and filter changes let you spend more time working and less time servicing.

Models	645D	655D	665D	675D	685D
Engine Performance					
PTO HP @ 2,100 rated engine rpm (kW)	205 (151)	225 (168)	250 (186)	275 (205)	290 (216)
ISO engine HP @ 2,100 rated engine rpm (kW)	240 (177)	265 (198)	290 (216)	320 (239)	340 (254)
Maximum ISO engine HP @ 2,100 engine rpm (kW)	270 (199)	295 (220)	320 (239)	350 (261)	370 (276)
Engine					
Rated speed (rpm)	2,100				
Maximum torque rise	54%				
Maximum power bulge	15%				
Type	AGCO POWER™ w/ e3 clean air technology				
Number of cylinders	6				
Aspiration	Turbocharged w/ air/air intercooler				
Displacement liters (CID)	8.4 (514)				
Transmission					
Type	Techstar™ CVT with Power Management (PM) 25 mph (40 kph)				
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 kph -optional	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)				
Front Axle					
2-wheel drive	N/A				
4-wheel drive differential lock	Full-locking, electrohydraulic standard				
4-wheel drive maximum steering angle	55°				
Quadlink front axle suspension	Optional				
Quadlink differential lock	Full-locking, electrohydraulic				

Models	645D	655D	665D	675D	685D
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 - 4 fingertip spool valves Optional - up to 6 fingertip spool valves available				
Three Point Hitch - Rear					
Category 3	Standard				
Stabilizers	Sway block				
Maximum lift capacity lbs. (kg) - through full stroke	22,760 (10,323)				
PTO					
Speeds - standard rpm	1,000/1,000E				
Operator Area					
Cab glass area ft ² (m ²)	67.3 (6.22)				
Noise level dB(A)	71				
OptiRide™ Plus hydraulic suspended cab	Standard				
Operator seat - air suspension	Standard				
Guidance System					
AGCO System 150 AutoSteering™ Precision Technology	Optional				
Capacity					
Fuel tank capacity US gallon (L) w/ e3 technology	167 (632)				
DEF (AdBlue) usable tank capacity US gallon (L) (optional)	16 (31)				

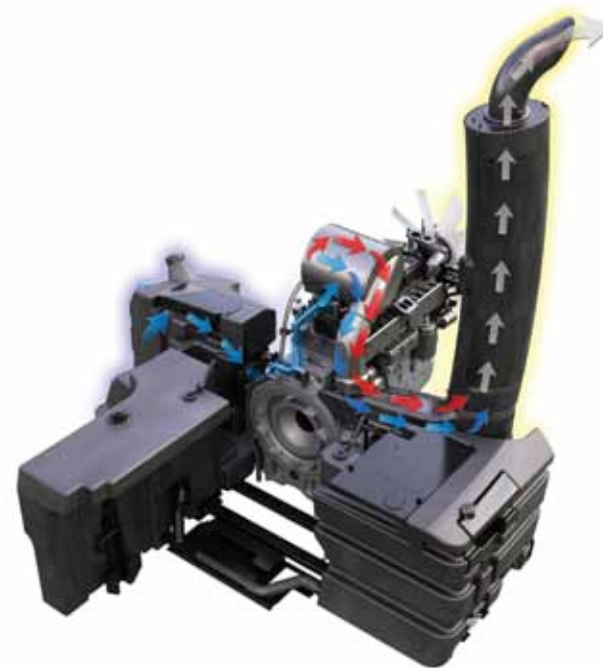
See our MT600D Series brochure for full Series specifications.

No Compromises in Power and Efficiency

The Challenger MT600D Series offers the most farmer-friendly approach to meeting upcoming EPA standards.

With e3, you get it all.

- Uncompromised horsepower and torque
- Significantly improved fuel economy
- Cooler-running engines
- An easier, more efficient path to meeting EPA standards today and in the future



e3 is a post-combustion, after-treatment process that takes place in the exhaust system, never interfering with the performance of the engine itself.

The new 600D Series Tier 4i



1 Techstar™ CVT with Power Management

When activated, the engine and stepless transmission technology work together for maximum efficiency. You'll save fuel, reduce engine noise and extend service life.

2 AGCO POWER™ engine

Unmatched power, coupled with our innovative e3 SCR (selective catalytic reduction) technology, provide a combination of performance and unprecedented air quality control.

3 Tractor Management Center (TMC) Display & One-Touch Management

The intuitive and ergonomic design puts all key functions at your fingertips, increasing overall operator productivity and comfort.

4 Tru Trak Steering

Tru Trak Steering allows the operator to easily adjust the steering ratio to require more or less turns of the steering wheel for the same angle of turn of the front wheels. With this adjustment flexibility, you'll enjoy quicker turns with less effort.

5 OptiRide™ Plus Cab Suspension System

To further reduce operator fatigue, the cab suspension system uses a hydraulic damper and accumulator on each corner of the cab to provide unrivaled ride comfort.

6 Pinnacle View Cab

The 4-post cab provides more interior space and fewer obstructions for exceptional visibility.



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