



Challenger

MODELS	MT515D	MT525D	MT535D	MT545D	ALL MODELS
<b>ENGINE PERFORMANCE (CVT &amp; AUTOPOWER VI)</b>					
PTO HP @ 2,100-rated engine rpm (kW)	110 (83)	120 (90)*	120 (90)	130 (98)	Closed Center Load Sensing (CCLS)
ISO engine HP @ 2,100-rated engine rpm (kW)	130 (98)	140 (105)	150 (113)	165 (124)	29 (110); optional – 39 (150)
Maximum Power Bulge	9.4%	9.4%	9.3%	9.2%	2,900 (200)
<b>ENGINE</b>					
Rated speed (rpm)	2,100				24.3 GPM (92 LPM)
Maximum torque rise	35%				1-2-3 Mechanical
Maximum power bulge	15 hp				4th mechanical
Type	AGCO POWER™				1-2 electric fingertip (joystick optional), 3-4 mechanical
Model	66 CTA				1-2-3-4 electric, all fingertips (joystick optional on 1-2)
Number of cylinders	6				5th electric valve option on Premium AutoPower VI model only, 1-2 electric joystick
Aspiration	Turbocharged with air/air intercooler				Decompression Couplers with Connect/Disconnect Under Pressure Function
Displacement liters (CID)	6.6 (402)				ISO 1/2"
Compression Ratio	6.6 = 17.4:1				
Fuel Injection System	Bosch High Pressure Common-Rail, Electronic; Injectors with Variable Injection Timing and Duration				
Fuel	Diesel				
Fuel Filter	Replaceable Filter - 30µ Prefilter - 5µ Main Filter				
Lubrification System	Gear Pump at Bottom of Timing Gear				
Oil Filter	Single, Spin On				
Starting Aid	Thermostart				
<b>ALL MODELS</b>					
<b>TRANSMISSION – TECHSTAR CVT (CONTINUOUSLY VARIABLE TRANSMISSION)</b>					
Clutches	None				Standard
Speed Range – mph (km/h)	0.02 – 31 (0.03 – 50)				Optional
Forward Speeds	Infinite				Rub Block on AutoPower VI, Variable Telescoping on TechStar CVT
Cruise Control Speeds	2				12,500 for AutoPower VI models, 11,650 for all TechStar CVT models
<b>TRANSMISSION – AUTOPOWER VI (PARTIAL POWERSHIFT)</b>					
Clutches	5 discs				
Ranges	4 Ranges / 6 Powershifts				
Speed Range – mph (km/h)	1.11 – 30.6 (1.78 – 49.26)				
Forward Speeds	24 Forward / 24 Reverse				
Cruise Control Speeds	2				
<b>TRANSMISSION – AUTOPOWER IV (PARTIAL POWERSHIFT)</b>					
Ranges	4 Ranges / 4 Powershifts				
Speed Range – mph (km/h)	1.34 – 25.6 (2.17 – 41.16)				
Forward Speeds	16 Forward / 16 Reverse				
Cruise Control Speeds	2				
<b>PTO</b>					
Speed (rpm)	540/540E/1000/1000E				
<b>HYDRAULICS</b>					
System type					
Total flow rate - US standard gallon (L)					
Maximum pressure PSI (bar)					
Available flow rate per spool valves gpm (L/min)					
Remotes					
Classic – standard					
Classic – optional					
Deluxe – standard					
Premium – standard					
Premium – optional					
Hydraulic Couplers					
Coupler Size					
<b>THREE-POINT HITCH – REAR</b>					
Category 3 With Fixed Ball End Links with Cat 3 Quick Hitch					
Category 3 With Fixed Ball End Links without Quick Hitch					
Stabilizers					
Lift Capacity 24" back of the pin					
<b>THREE-POINT HITCH – FRONT</b>					
Category 3					Optional
<b>FRONT AXLE</b>					
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					Standard on Deluxe and Premium versions
Quadlink differential lock					Full-locking, electrohydraulic
<b>CAPACITIES</b>					
Fuel Tank – gal (L)					82 (310)
Diesel Exhaust Fluid – gal (L)					8 (30)
Hydraulic Reservoir Capacity – gal (L)					26.4 (100)
<b>DIMENSIONS &amp; WEIGHT</b>					
Wheelbase – in. (mm)					113.1 (2,874)
Approx. shipping weight – lbs. (kg)					15,060 (6,830)
Max. Allowable Weight – lbs. (kg)					25,353 (11,500)

\*With AutoPower IV  
[110 rpm (83 kW) with AutoPower VI or TechStar CVT]

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