

Challenger

Introducing the MT700D Series.



MT700D Series
SPECIFICATIONS



Challenger

Built for the most demanding Ag environments on earth.

MODELS	MT755D	MT765D
ENGINE		
Type	AGCO POWER™ 8.4L Tier 4 Interim	AGCO POWER™ 8.4L Tier 4 Interim
PTO Power @ rated 2100 RPM's – HP (kW)	260 (194)	285 (213)
ISO Engine @ 2100 rated RPM's – HP (kW)	327 (244)	350 (261)
Maximum ISO Engine @ 1900 rated RPM's – HP (kW)	361 (269)	386 (288)
Number of Cylinders / Number of Valves	6 / 24	6 / 24
Displacement – L (CID)	8.4 (514)	8.4 (514)
Aspiration	Turbocharged / Air-to-Air Intercooled	Turbocharged / Air-to-Air Intercooled
FUEL SYSTEM		
Fuel Tank Capacity – US gal. (L)	Standard 118 (447); Optional up to 208 (787)	
DEF SYSTEM		
DEF usable tank capacity – US gal. (L)	18 (68)	
TRANSMISSION		
Type	Caterpillar® Powershift 16F / 4R	
Maximum Speed – mph (kph)	24.6mph (39.6)	
Creeper Gear Box (Optional)	4:1 reduction	
Steering	Caterpillar® Differential Steering	
GAUGE OPTIONS		
Type	Infinitely adjustable bar axle with smooth hardbar	
Standard – in. (mm)	72 – 88 (1,829 – 2,235)	
Wide – in. (mm)	80 – 120 (2,032 – 3,048)	
Ultra Wide - in. (mm)	120 – 160 (3,048 – 4,064)	
TRACK OPTIONS		
General Ag Tracks – in. (mm)	16, 18, 25, 30 (405, 455, 635, 760)	
Extreme Application Tracks – in. (mm)	14, 16, 18, 25, 30 (335, 405, 455, 635, 760)	
MOBIL-TRAC UNDERCARRIAGE		
Hardbar Suspension	Two Marsh Mellow® Springs	
Undercarriage Suspension	Oscillating Midwheels	
Hardbar Oscillation	Stabilizer Bar with 8° Range of Motion	
INDEPENDENT PTO		
	1000 RPM, 20 Spline, 1.75" (45 mm) / Electronically Controlled	
ELECTRICAL SYSTEM		
Alternators / Batteries	2 – 150 amp / (2) 1,000 cca 12 V	
HYDRAULIC SYSTEM		
Type	Closed-Center, Pressure-Flow Compensated	
Std. Pump Flow – gpm (L/min)	43.5 (164.7)	
Opt. Pump Flow – gpm (L/min)	59 (224.2)	
Hydraulic Remotes	4 Standard / up to 6 Optional	
Max Flow at 1 Remote – gpm (L/min)	36 (136.3)	
Maximum System Pressure – psi (bar)	2,900 (200)	
3-POINT HITCH / DRAWBAR		
Std. 3-PT Hitch – lbs. (kg)	Category 3/3N 16,000 (7,257)	
Opt. Wide Swing Drawbar	Roller Type +/- 32° Swing	
Drawbar Capacity (Std. / Opt.) – lbs. (kg)	10,000 (4,536) / 12,000 (5,443) — Category 3	
WEIGHT		
Approx. Shipping Weight – lbs. (kg)	31,075 (14,095)	
Maximum Operating Weight – lbs. (kg)	36,000 (16,329)	



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