

*Challenger*

# MT700E SERIES

SPECIFICATIONS



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MT755E | MT765E | MT775E

MODELS	MT755E	MT765E	MT775E
<b>ENGINE</b>			
Type	AGCO Power™ 9.8L	AGCO Power™ 9.8L	AGCO Power™ 9.8L
Maximum ISO engine @ 1,900 rated RPM's – HP (kW)	384 (282)	411 (302)	438 (322)
ISO engine @ 2,100 rated RPMs – HP (kW)	355 (261)	380 (280)	405 (298)
PTO power @ rated 2,100 RPM's – HP (kW)	285 (212)	310 (230)	335 (249)
Peak torque @ 1,500 RPM's – ft lbs (Nm)	1,243 (1,685)	1,334 (1,808)	1,417 (1,921)
Engine torque rise	42%	42%	42%
Number of cylinders / number of valves	7 / 28	7 / 28	7 / 28
Displacement – L (CID)	9.8 (598)	9.8 (598)	9.8 (598)
Aspiration	Twin turbo chargers	Twin turbo chargers	Twin turbo chargers
<b>FUEL SYSTEM</b>			
Fuel tank capacity – US gal. (L)	Standard – 174 (659) / optional – 249 (943)		
<b>DEF SYSTEM</b>			
DEF tank capacity – US gal. (L)	23 (87)		
<b>TRANSMISSION</b>			
Type	Caterpillar® Powershift 16F / 4R		
Maximum speed – mph (kph)	24.6 (39.6)		
Creeper gear box (optional)	4:1 reduction		
Steering	Caterpillar® differential steering		
<b>GAUGE OPTIONS</b>			
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)		

\*Rated engine PS (HP ISO) per 97/68/EC at 2,100 engine RPM

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<b>TRACK OPTIONS</b>			
General ag tracks – in. (mm)	16, 18, 25, 30, 34 (405, 455, 635, 760, 864)		
Extreme ag tracks – in. (mm)	25, 30 (635, 760)		
Extreme application tracks – in. (mm)	14, 16, 18, 25, 30, 34 (335, 405, 455, 635, 760, 864)		
<b>MOBIL-TRAC UNDERCARRIAGE</b>			
Hardbar suspension	Two Marsh Mellow® springs		
Undercarriage suspension	Oscillating bogie system w/ suspended midwheels		
Hardbar oscillation	Stabilizer bar with 8° range of motion		
<b>INDEPENDENT PTO</b>			
	1,000 RPM, 20 spline, 1.75" (45 mm) / electronically controlled		
<b>ELECTRICAL SYSTEM</b>			
Alternators / Batteries	2 – 150 amp / (2) 1,000 cca 12 V		
<b>HYDRAULIC SYSTEM</b>			
Type	Closed-center, pressure-flow compensated		
Std. pump flow – gpm (L/min)	58.1 (220)		
Opt. pump flow – gpm (L/min)	85 (321.8)		
Hydraulic remotes	4 standard / up to 6 optional		
Max flow at 1 remote – gpm (L/min)	37 (140)		
Maximum system pressure – psi (bar)	2,900 (200)		
<b>3-POINT HITCH / DRAWBAR</b>			
Std. 3-PT hitch – lbs. (kg)	Category 3/4N 16,000 (7,257)		
Opt. wide swing drawbar	Roller type +/- 32° swing		
Drawbar capacity (Std. CAT 4/Opt. CAT 3) – lbs. (kg)	12,000 (5,443) / 10,000 (4,536)		
<b>WEIGHT</b>			
Approx. shipping weight – lbs. (kg)	30,131 (13,667)		
Maximum operating weight – lbs. (kg)	39,000 (17,690)		

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Specifications are subject to change without prior notification.

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