

Challenger

MT800E SERIES

SPECIFICATIONS



MT800E SERIES
SPECIFICATIONS



MT800E SERIES

MT845E | MT855E | MT865E | MT875E

MODELS	MT845E	MT855E	MT865E	MT875E
ENGINE				
Type	AGCO Power™ 16.8L	AGCO Power™ 16.8L	AGCO Power™ 16.8L	AGCO Power™ 16.8L
Maximum ISO engine @ 1,900 rated RPM's – HP (kW)	494 (363)	536 (394)	591 (435)	646 (475)
ISO engine @ 2,100 rated RPM's – HP (kW)	460 (336)	500 (365)	550 (403)	600 (440)
PTO power @ rated 2,100 RPM's – HP (kW)	365 (272)	400 (298)	425 (317)	425 (317)
Peak torque @ 1,500 RPM's – ft lbs (Nm)	1,604 (2,176)	1,740 (2,360)	1,917 (2,600)	2,095 (2,841)
Engine torque rise	42%	42%	42%	42%
Number of cylinders / number of valves	12 / 48	12 / 48	12 / 48	12 / 48
Displacement – L (CID)	16.8 (1,025)	16.8 (1,025)	16.8 (1,025)	16.8 (1,025)
Aspiration	Dual twin turbo chargers with eWastegate	Dual twin turbo chargers with eWastegate	Dual twin turbo chargers with eWastegate	Dual twin turbo chargers with eWastegate
FUEL SYSTEM				
Fuel tank capacity – US gal. (L)	330 (1,250)			
DEF SYSTEM				
DEF usable tank capacity – US gal. (L)	30.5 (115)			
TRANSMISSION				
Type	Caterpillar® Powershift 16F / 4R			
Maximum speed – mph (kph)	24.6 (39.6)			
Steering	Caterpillar® differential steering			
GAUGE OPTIONS				
Type	Infinitely adjustable bar axle with smooth hardbar			
Standard – in. (mm)	90 - 128 (2,286 - 3,251)			

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

MODELS	MT845E	MT855E	MT865E	MT875E
TRACK OPTIONS				
General ag tracks – in. (mm)	27.5, 30, 36 (698.5, 762, 914)			
Extreme ag tracks – in. (mm)	27.5, 30 (698.5, 760)			
Extreme application tracks – in. (mm)	18, 27.5, 30, 36 (457, 698.5, 762, 914)			
MOBIL-TRAC UNDERCARRIAGE				
Hardbar suspension	Two Marsh Mellow® springs			
Undercarriage suspension	Oscillating bogie system w/ suspended midwheels			
Hardbar oscillation	Stabilizer bar with 8° range of motion			
INDEPENDENT PTO				
	1000 RPM, 20 spline, 1.75" (485mm) / electronically controlled (optional)			
ELECTRICAL SYSTEM				
Alternators / Batteries	2 – 150 amps / (4) 1,000 cca 12 V			
HYDRAULIC SYSTEM				
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)			
3-POINT HITCH / DRAWBAR				
Std. 3-PT hitch – lbs. (kg)	19,500 (8,845)			
Std. wide swing drawbar / Opt. wide swing controlled drawbar	Roller type +/- 32° swing / hydraulic position controlled/dampening			
Drawbar capacity (std. CAT 5/ opt. CAT 4) – lbs. (kg)	12,500 (5,670) / 10,000 (4,535)			
WEIGHT				
Approx. shipping weight – lbs. (kg)	42,596 (19,321)			
Maximum operating weight – lbs. (kg)	55,913 (25,362)			



Specifications are subject to change without prior notification.

© 2015 AGCO Corporation. AGCO is a registered trademark of AGCO. Challenger® is a registered trademark of Caterpillar Inc. and used under license by AGCO. Marsh Mellow® is a registered trademark of Firestone Industrial Products Company, LLC. All rights reserved. AGCO, 4205 River Green Parkway, Duluth, GA 30096. CH15S005CT (08) POD AMS
challenger-ag.us