

MT800E SERIES

492-646 HP

Challenger



MT800E SERIES

SERIOUS MACHINERY, SERIOUS RESULTS.

Challenger



- 1 Available with powers up to 646 hp, the MT800E Series provides ultimate tractor productivity and performance for serious farmers, contractors and agribusiness professionals
- 2 The only tractors developed specifically for work on tracks, Challenger tractors feature an unrivalled combination of outstanding engines, purpose-built transmissions and powerful hydraulics as well as the exclusive Mobil-Trac™ system
- 3 Unique Mobil-Trac™ system is proven to transmit unrivalled levels of drawbar pull and power to the ground with minimum slip, so you do more work in less time and save fuel
- 4 Wide, long tracks, large front and rear idlers and four mid-wheels each side distribute the weight evenly over the ground to protect the soil from compaction
- 5 Opti-Ride™ suspension improves comfort and allows the tracks to lift, independently, to provide the smoothest ride over the most demanding terrain
- 6 Purpose-built 16/4 powershift transmission transmits enormous power in all gears, with electronic control offering a wide range of automatic shifting modes to maintain productivity at optimum economy
- 7 Spacious, climate controlled Pinnacle View cab is an excellent working environment, with superb all-round vision and complete control via the Tractor Management Centre (TMC) and display
- 8 Simple, comprehensive One-Touch™ headland management system provides complete control of the full headland turn sequence at the touch of a button
- 9 Industry-leading hydraulic power and control system providing power on demand. Elevated Oil Reservoir maintains oil flow and pressure at all times
- 10 Massive 18t lift capacity available from optional steerable three point linkage or the optional hydraulically controlled swinging drawbar further enhancing versatility

SPECIFICATIONS	MT845E	MT855E	MT865E	MT875E
*Engine	AGCO Power™	AGCO Power™	AGCO Power™	AGCO Power™
Engine type	AP168-4	AP168-4	AP168-4	AP168-4
Rated engine power @ 2,100 rpm	457 hp	496 hp	548 hp	598 hp
Rated engine power @ 2,100 rpm	336 kW	365 kW	403 kW	440 kW
Max power @ 1,900 rpm	492 hp	536 hp	592 hp	646 hp
Max power @ 1,900 rpm	362 kW	394 kW	435 kW	475 kW
Max torque @ 1,500 rpm	2,170 Nm	2,360 Nm	2,600 Nm	2,840 Nm
Engine displacement	16.8 L	16.8 L	16.8 L	16.8 L
SPECIFICATIONS COMMON TO ALL MODELS				
Transmission	Full Powershift 16F/4R			
Transport speed	39.7 km/h (24.6 mph)			
Steering	Differential, electrohydraulic			
Gauge	2286 to 2600 mm (EU & non-EU)			
Gauge adjustment method	Bar axle			
Undercarriage				
Opti-Ride Suspension	Hardbar with 2 Marsh Mellow® springs**			
Hardbar oscillation	Stabiliser Bar with 8° Range of Motion			
Undercarriage Suspension	Oscillating Poly Mid-wheels			
Idler wheel width	Medium, Wide ***			
Midwheels width	Medium, Wide ***			
Driver wheel width	Medium, Wide ***			
Belt Options				
General Agricultural	699, 762, 914 mm (27.5", 30", 36")			
Extreme Agricultural	699, 762 mm (27.5", 30")			
Extreme Application	699, 762, 914 mm (27.5", 30", 36")			
Hitch/Drawbar				
Optional 3-pt Linkage	Capacity at hooks over the entire length of travel 98.5 kN to 198.2 kN			
Standard wide swinging drawbar	Roller type / Hydraulic controlled / 32° swing / Vertical load 4536 kg			
PTO				
Optional PTO	Independent/1000 rpm			
Hydraulic System				
Type	Load Sensing			
Number of rear spool valves	Standard 4/Optional up to 6			
Max flow	Standard 224 L/min / Optional 321 L/min			
Max pressure	200 bar			
Fuel capacity				
Standard fuel capacity	1002 L			
Optional fuel capacity	1206 L			
AdBlue tank	115 L			

* ECE R120 approved ** Marsh Mellow® spring is a registered trademark of Firestone Industrial Products Group *** Not available on all configurations

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Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Challenger Dealer or Distributor prior to any purchase.

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