

Challenger MT800B

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MT800B
340 - 570 hp

Specifications

	MT835B	MT845B	MT855B	MT865B	MT875B
Engine	CAT® C15 ACERT™	CAT® C15 ACERT™	CAT® C15 ACERT™	CAT® C18 ACERT™	CAT® C18 ACERT™
Gross Engine Hp	350 (260 kW)	400 (298 kW)	460 (342 kW)	510 (380 kW)	570 (424 kW)
Max. Power (ECE-R24)	368 (274 kW)	420 (313 kW)	484 (360 kW)	534 (397 kW)	600 (446 kW)
Engine Torque Rise	42%	42%	42%	42%	42%
Engine displacement	15.2 litre	15.2 litre	15.2 litre	18.1 litre	18.1 litre
Governor Type (HEUI)	Electronic	Electronic	Electronic	Electronic	Electronic
Alternator	160 amp	160 amp	160 amp	160 amp	160 amp
Fuel Capacity	1,155 litre	1,155 litre	1,155 litre	1,249 litre	1,249 litre
Optional	1,249 litre	1,249 litre	1,249 litre		

Specifications common to all models

Transmission	Challenger Powershift 16F/4R
Transport Speed	39.6 km/h (24.6 mph)
Differential/Steering	Differential, electrohydraulic
Gauge	2286 to 2601 (EU countries) 2286 to 3251 (non-EU countries)
Gauge Adjustment Method	Bar axle
Belt Options	General Ag / Extreme Application / Extreme Ag 699, 762, 914 mm (27.5", 30", 36")
Undercarriage	Wheelbase 3000 mm Hardbar Suspension 2 Marsh Mellow® springs* Undercarriage Suspension Suspended Midwheels Idlers Medium, Wide Midwheels Medium, Wide Drivers Medium, Wide
Hitch	Standard wide-swinging roller drawbar 32 degree swing Optional controlled drawbar Hydraulic control Optional controlled 3-pt. Hitch 28 degree swing and free swinging drawbar Lift Capacity 14,000 kg**
PTO (Optional)	1000 RPM

Hydraulics	
Max. flow (standard)	166 litre/min
Max. flow (optional)	223 litre/min
Max. system pressure	2900 PSI (19994.8 kPa) 4/5/6
Remotes standard/optional	Load Independent Flow
Exclusive features	Division (LIFD)

Other Key Features

Instructional Seat	Standard
Toolbox	Standard, 610 mm length, 68kg capacity
Decelerator pedal	Standard
Optional external mirrors	Manual or electric
Auto-Guide™ satellite navigation	Optional
Battery disconnect	Optional
Nightbreaker HID™ lights, 4 HID lights	Optional

Dimensions	EU	non-EU
Base Shipping Gauge (cm)	2286	3048
Width with Belts (cm)		
698 mm (27.5")	2984	3746
762 mm (30")	3112	3810
914 mm (36")	3416	3962
Length (cm)		
With 3-pt. Hitch	675.4	675.4
Height		
Without Beacon	350.99	350.9
With Beacon	365.7	365.7

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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* Marsh Mellow® spring is a registered trademark of Firestone Industrial Products Group
** Manufacturer's estimate

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