

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					
Optional	1,155 litre 1,249 litre	1,155 litre 1,249 litre	1,155 litre 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	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 and free swinging drawbar	28 degree swing
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 Division (LIFD)
Exclusive features	

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

* Marsh Mellow® spring is a registered trademark of Firestone Industrial Products Group

** Manufacturer's estimate