

Challenger MT300B

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We're up to
The Challenge

MT300B SERIES
45 to 75 Gross Engine HP

MODEL	MT315B	MT325B	MT335B	MT345B
ENGINE				
PTO HP	45	55	65	75
Gross HP	58	68	78	91
Engine	Challenger	Challenger	Challenger	Challenger
No. of Cylinders	3	3	3	3
Displacement (in ³ /litres)	201/3.3	201/3.3	201/3.3	201/3.3
Aspiration	Turbo	Turbo	Turbo	Turbo/Aftercooled
Rated RPM	2,150	2,150	2,150	2,150
Fuel Tank Capacity (US Gal)	29 (109.7)	29 (109.7)	29 (109.7)	29 (109.7)
Bore (in / mm)	4.13 / 105	4.13 / 105	4.13 / 105	4.13 / 105
Stroke (in / mm)	5.0 / 127	5.0 / 127	5.0 / 127	5.0 / 127
TRANSMISSION				
Base (Synchro Shuttle)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)
Optional (Power Shuttle)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)	12x12 (0.3-18.6 mph)
POWER TAKE-OFF (PTO)				
Engagement	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic
Standard	540 Ind.	540 Ind.	540 Ind.	540 Ind.
Optional	540/540E Ind.	540/540E Ind.	540/540E Ind.	540/540E Ind.
DIFFERENTIAL LOCK				
Type	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic
FRONT AXLE ENGAGEMENT				
Type	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic	Electro Hydraulic
HYDRAULICS				
Rated Pump Capacity GPM (l/min.)	15.8 (60)	15.8 (60)	15.8 (60)	15.8 (60)
Maximum Hydraulic Pressure psi (bar)	2755 (190)	2755 (190)	2755 (190)	2755 (190)
3 Point Hitch	Cat I/II	Cat I/II	Cat I/II	Cat I/II
3 Point Hitch Controls	Position & Draft	Position & Draft	Position & Draft	Position & Draft
Lift Capacity @ Link Ends lbs (kg)	5500 (2500)	5500 (2500)	5500 (2500)	5500 (2500)
Auxiliary Valves	-----	2 Valves SA/DA Standard / 3rd Valve Optional / Mid-Mount Joystick with 2 Valves Optional	-----	-----
STEERING				
Type	Hydrostatic Power	Hydrostatic Power	Hydrostatic Power	Hydrostatic Power
BRAKES				
Type	Hydraulic Oil Cooled Disc	Hydraulic Oil Cooled Disc	Hydraulic Oil Cooled Disc	Hydraulic Oil Cooled Disc
ELECTRICAL SYSTEM				
Alternator (AMP)	80	80	80	80
Battery	12V	12V	12V	12V
OPERATOR STATION				
Brake/Clutch Pedals	Pendant	Pendant	Pendant	Pendant
Gearshift Lever - Main & Range	R.H. Side	R.H. Side	R.H. Side	R.H. Side
Gearshift Lever - Shuttle	L.H. Side/Column	L.H. Side/Column	L.H. Side/Column	L.H. Side/Column
OPERATOR STATION NON CAB				
Floor Type	Platform	Platform	Platform	Platform
2 Post Folding ROPS	Required	Required	Required	Required
CAB VERSION				
Floor Type	Platform	Platform	Platform	Platform
Tilt & Telescopic Steering Wheel	Standard	Standard	Standard	Standard
Sound Level DBA	78	78	78	78
DIMENSIONS (16.9-30 REAR TIRE)				
Wheelbase 2wd & 4wd	82.7	82.7	82.7	82.7
Maximum Length (2wd/4wd)	126/132.3	126/132.3	126/132.3	126/132.3
Overall Height (ROPS/Cab)	101/101.4	101/101.4	101/101.4	101/101.4
Minimum Width	72.8	72.8	72.8	72.8
Weight Platform 2wd/4wd (lbs)	5291/5732	5291/5732	5291/5732	5291/5732
Weight Cab with AC 2wd/4wd (lbs)	6614/7716	6614/7716	6614/7716	6614/7716

Standard Equipment

- Mechanical Shuttle
- Independent 540 PTO
- Heavy Duty Front Axle
- Category I/II 3-Point Hitch
- SAE Swinging Drawbar
- Grid Heater for the Engine
- 15.8 GPM (60 l/min.) Hydraulic System
- Electronic Hydraulic Differential Lock

Optional Equipment

- Horizontal Exhaust
- Power Shuttle Transmission
- Rear Wiper/ Washer
- Factory Installed hydraulic Joystick & 2 Mid Mounted valves
- 540/540Eco PTO
- 4WD Front Fenders
- 3rd Spool Valve
- Front Mid-Level Work Lamps
- Instructor's Seat (Cab)
- Telescopic Mirrors (Cab)
- Beacon Light
- Air Seat with Armrests (Cab)
- Telescopic lower Linkage

