

Challenger MT800B

Challenger[®] MT800B



We're up to
The Challenge

MT800B SERIES
350 to 570 HP

SPECIFICATIONS

Challenger MT800B

| MODEL | MT835B | MT845B | MT855B | MT865B | MT875B |
|---|---|---|---|---|---|
| ENGINE PTO HP @ rated 2,100 RPM* Gross Engine HP # Cylinders / Valves Displacement (cu. in. / L) Engine Torque Rise Aspiration | Caterpillar®C15 ACERT™ Tier 3 290 (216 kW) 350 (261 kW) 6 / 24 928 / 15.2 42% Turbocharged and air-to-air aftercooled | Caterpillar®C15 ACERT™ Tier 3 335 (249 kW) 400 (299 kW) 6 / 24 928 / 15.2 42% Turbocharged and air-to-air aftercooled | Caterpillar®C15 ACERT™ Tier 3 385 (287 kW) 460 (343 kW) 6 / 24 928 / 15.2 42% Turbocharged and air-to-air aftercooled | Caterpillar®C18 ACERT™ Tier 3 425 (316 kW) 510 (381 kW) 6 / 24 1,105 / 18.1 42% Turbocharged and air-to-air aftercooled | Caterpillar®C18 ACERT™ Tier 3 N/A 570 (425 kW) 6 / 24 1,105 / 18.1 42% Turbocharged and air-to-air aftercooled |
| FUEL SYSTEM | MEUI - ADEM 4 full electronic control | MEUI - ADEM 4 full electronic control | MEUI - ADEM 4 full electronic control | MEUI - ADEM 4 full electronic control | MEUI - ADEM 4 full electronic control |
| TRANSMISSION Maximum speed (mph/km/h) | Cat®Powershift 16F/4R 24.6 / 39.6 | Cat®Powershift 16F/4R 24.6 / 39.6 | Cat®Powershift 16F/4R 24.6 / 39.6 | Cat®Powershift 16F/4R 24.6 / 39.6 | Cat®Powershift 16F/4R 24.6 / 39.6 |
| DIFFERENTIAL/STEERING | Cat®differential steering | Cat®differential steering | Cat®differential steering | Cat®differential steering | Cat®differential steering |
| GAUGE OPTIONS Standard | 90° to 128° (2,286-3,251 mm) | 90° to 128° (2,286-3,251 mm) | 90° to 128° (2,286-3,251 mm) | 90° to 128° (2,286-3,251 mm) | 90° to 128° (2,286-3,251 mm) |
| GAUGE ADJUSTMENT METHOD | Infinitely adjustable bar axle & smooth hard-bar | Infinitely adjustable bar axle & smooth hard-bar | Infinitely adjustable bar axle & smooth hard-bar | Infinitely adjustable bar axle & smooth hard-bar | Infinitely adjustable bar axle & smooth hard-bar |
| BELT OPTIONS General Ag Extreme Application Special Application | 27.5", 30", 36" (699, 762, 914 mm) 18", 27.5", 30", 36" (457, 699, 762, 914 mm) 30", 36" (762, 914 mm) | 27.5", 30", 36" (699, 762, 914 mm) 18", 27.5", 30", 36" (457, 699, 762, 914 mm) 30", 36" (762, 914 mm) | 27.5", 30", 36" (699, 762, 914 mm) 18", 27.5", 30", 36" (457, 699, 762, 914 mm) 30", 36" (762, 914 mm) | 27.5", 30", 36" (699, 762, 914 mm) 18", 27.5", 30", 36" (457, 699, 762, 914 mm) 30", 36" (762, 914 mm) | 27.5", 30", 36" (699, 762, 914 mm) 18", 27.5", 30", 36" (457, 699, 762, 914 mm) 30", 36" (762, 914 mm) |
| UNDERCARRIAGE Hardbar Suspension Undercarriage Suspension Idlers Midwheels Drivers | Two Marsh Mellow® springs** Suspended Midwheels Medium, Wide Medium, Wide Medium, Wide | Two Marsh Mellow® springs** Suspended Midwheels Medium, Wide Medium, Wide Medium, Wide | Two Marsh Mellow® springs** Suspended Midwheels Medium, Wide Medium, Wide Medium, Wide | Two Marsh Mellow® springs** Suspended Midwheels Medium, Wide Medium, Wide Medium, Wide | Two Marsh Mellow® springs** Suspended Midwheels Medium, Wide Medium, Wide Medium, Wide |
| INDEPENDENT PTO | 1,000 RPM 20-spline 1.75" (45 mm) electronically controlled | 1,000 RPM 20-spline 1.75" (45 mm) electronically controlled | 1,000 RPM 20-spline 1.75" (45 mm) electronically controlled | 1,000 RPM 20-spline 1.75" (45 mm) electronically controlled | NA |
| ELECTRICAL SYSTEM Alternator Batteries | 160 amp (4) 1,000 cca, 12-V | 160 amp (4) 1,000 cca, 12-V | 160 amp (4) 1,000 cca, 12-V | 160 amp (4) 1,000 cca, 12-V | 160 amp (4) 1,000 cca, 12-V |
| HYDRAULIC SYSTEM Type Standard Flow Optional High Flow Max. system pressure Remotes standard/optional | Load-Independent Flow Division (closed-center, pressure compensated) 43.5 GPM (164.7 L/min) 59 GPM (224.2 L/min) 2,900 PSI (200 bar) 4 / up to 6 | Load-Independent Flow Division (closed-center, pressure compensated) 43.5 GPM (164.7 L/min) 59 GPM (224.2 L/min) 2,900 PSI (200 bar) 4 / up to 6 | Load-Independent Flow Division (closed-center, pressure compensated) 43.5 GPM (164.7 L/min) 59 GPM (224.2 L/min) 2,900 PSI (200 bar) 4 / up to 6 | Load-Independent Flow Division (closed-center, pressure compensated) 43.5 GPM (164.7 L/min) 59 GPM (224.2 L/min) 2,900 PSI (200 bar) 4 / up to 6 | Load-Independent Flow Division (closed-center, pressure compensated) 43.5 GPM (164.7 L/min) 59 GPM (224.2 L/min) 2,900 PSI (200 bar) 4 / up to 6 |
| 3-POINT HITCH / DRAWBAR Standard wide swinging drawbar Optional wide swinging controlled drawbar Optional 3-pt hitch w/ free-swing drawbar Optional 3-pt hitch w/swinging drawbar | Roller type, +/-32 degrees swing hydraulically dampened 19,500 lb (8,845 kg), Cat. 3/4N 19,500 lb (8,845 kg), Cat. 4 | Roller type, +/-32 degrees swing hydraulically dampened 19,500 lb (8,845 kg), Cat. 3/4N 19,500 lb (8,845 kg), Cat. 4 | Roller type, +/-32 degrees swing hydraulically dampened 19,500 lb (8,845 kg), Cat. 3/4N 19,500 lb (8,845 kg), Cat. 4 | Roller type, +/-32 degrees swing hydraulically dampened 19,500 lb (8,845 kg), Cat. 3/4N 19,500 lb (8,845 kg), Cat. 4 | Roller type, +/-32 degrees swing hydraulically dampened NA NA |
| FUEL CAPACITY Standard Optional | 305 U.S. gal (1,159 L) 330 U.S. gal (1,254 L) | 305 U.S. gal (1,159 L) 330 U.S. gal (1,254 L) | 305 U.S. gal (1,159 L) 330 U.S. gal (1,254 L) | 330 U.S. gal (1,254 L) NA | 330 U.S. gal (1,254 L) NA |
| DIMENSIONS Wheelbase (in / mm) Minimum Width - Wide Gauge (in / mm) Height to Top of Cab (in / mm) Overall Length (in / mm) Drawbar Clearance (in / mm) Approx. Shipping Weight (lbs / kg) | 118" (2,997 mm) 140.9" (3,579 mm) 138.1" (3,509 mm) 265.9" (6,754 mm) 14.4" (366 mm) 44,672 lb (20,305 kg) | 118" (2,997 mm) 140.9" (3,579 mm) 138.1" (3,509 mm) 265.9" (6,754 mm) 14.4" (366 mm) 44,672 lb (20,305 kg) | 118" (2,997 mm) 140.9" (3,579 mm) 138.1" (3,509 mm) 265.9" (6,754 mm) 14.4" (366 mm) 44,672 lb (20,305 kg) | 118" (2,997 mm) 140.9" (3,579 mm) 138.1" (3,509 mm) 265.9" (6,754 mm) 14.4" (366 mm) 47,396 lb (21,544 kg) | 118" (2,997 mm) 140.9" (3,579 mm) 138.1" (3,509 mm) 265.9" (6,754 mm) 14.4" (366 mm) 47,396 lb (21,544 kg) |

* Manufacturer's estimate ** Marsh Mellow® spring is a registered trademark of Firestone Industrial Products Company. *** Not available on all configurations

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