

9. SPECIFICATIONS & Equipment

BT-50 Specifications

		4x2	4x2	4x4	4x4	4x4	4x4
		Dual Cab	Dual Cab	Dual Cab	Dual Cab	Dual Cab	Dual Cab
		Utility	Utility	Chassis	Utility	Utility	Utility
		XT	XTR	XT	XT	XTR	GT
Powertrain							
Engine type		3.2 litre in-line 5 cylinder 20 valve DOHC intercooled turbo diesel		3.2 litre in-line 5 cylinder 20 valve DOHC intercooled turbo diesel			
Engine capacity		3,196 cc		3,196 cc			
Bore and stroke		89.0 mm x 100.7 mm		89.0 mm x 100.7 mm			
Compression ratio		15.5:1		15.5:1			
Maximum power		147 kW @ 3,000 rpm		147 kW @ 3,000 rpm			
Maximum torque		470 Nm @ 1,750 - 2,500 rpm		470 Nm @ 1,750 - 2,500 rpm			
Throttle control		Electronic (drive-by-wire)		Electronic (drive-by-wire)			
Fuel system		Common-rail, electronic direct injection		Common-rail, electronic direct injection			
Fuel tank capacity		80 litres		80 litres			
Recommended fuel		Diesel		Diesel			
Fuel consumption*1	man (combined)	8.4 litres per 100 km		8.9 litres per 100 km			
	auto (combined)	8.9 litres per 100 km	8.9 litres per 100 km	-	9.2 litres per 100 km	9.2 litres per 100 km	9.2 litres per 100 km
Emissions standard							
Alternator							
Manual transmission		6-speed	6-speed	6-speed	6-speed	6-speed	6-speed
Automatic transmission		6-speed	6-speed	-	6-speed	6-speed	6-speed
Gear ratio - man/auto	1st	5.441 / 4.171	5.441 / 4.171	5.441 / -	5.441 / 4.171	5.441 / 4.171	5.441 / 4.171
	2nd	2.839 / 2.342	2.839 / 2.342	2.839 / -	2.839 / 2.342	2.839 / 2.342	2.839 / 2.342

	3rd	1.721 / 1.521	1.721 / 1.521	1.721 / -	1.721 / 1.521	1.721 / 1.521	1.721 / 1.521
	4th	1.223 / 1.143	1.223 / 1.143	1.223 / -	1.223 / 1.143	1.223 / 1.143	1.223 / 1.143
	5th	1.000 / 0.867	1.000 / 0.867	1.000 / -	1.000 / 0.867	1.000 / 0.867	1.000 / 0.867
	6th	0.794 / 0.691	0.794 / 0.691	0.794 / -	0.794 / 0.691	0.794 / 0.691	0.794 / 0.691
	reverse	4.935 / 3.403	4.935 / 3.403	4.935 / -	4.935 / 3.403	4.935 / 3.403	4.935 / 3.403
	final drive	3.550 / 3.730	3.550 / 3.730	3.550 / -	3.550 / 3.730	3.550 / 3.730	3.550 / 3.730
Transfer gear	high	-	-	1.000	1.000	1.000	1.000
	low	-	-	2.718	2.718	2.718	2.718
Chassis							
Brake diameter	front	302 mm		302 mm			
	rear	295 mm		295 mm			
Brake type	front	Ventilated disc		Ventilated disc			
	rear	Drum		Drum			
Steering type		Rack and pinion hydraulic power assist steering		Rack and pinion hydraulic power assist steering			
Suspension type	front	Independent double wishbone with coil over dampers and anti-roll bar		Independent double wishbone with coil over dampers and anti-roll bar			
	rear	Rigid (live) rear axle with leaf springs		Rigid (live) rear axle with leaf springs			
Turning circle	kerb to kerb	12.4 m		12.4 m			
Tyre size		255/70 R16	265/65 R17	255/70 R16	255/70 R16	265/65 R17	265/65 R17
Tyre index		111T	112T	111T	111T	112T	112T
Wheel size		16 x 7.0 J	17 x 8.0 J	16 x 7.0 J	16 x 7.0 J	17 x 8.0 J	17 x 8.0 J
Wheel type		Steel	Alloy	Steel	Steel	Alloy	Alloy
Wheel size (spare)		16 x 7.0 J	17 x 7.5 J	16 x 7.0 J	16 x 7.0 J	17 x 7.5 J	17 x 7.5 J
Wheel type (spare)		Steel	Steel	Steel	Steel	Steel	Steel
Exterior							
Cargo box features:	centre tailgate release (black)	X	-	X	X	-	-
	centre tailgate release (chrome)	-	X	-	-	X	X
	double wall construction	X	X	-	X	X	X

	interior rope hooks (6)	X	X	-	X	X	X
Door handles (black)		X	-	X	X	-	-
Door handles (chrome)		-	X	-	-	X	X
Fog-lamps (front)		-	X	-	-	X	X
Freestyle door system		-	-	-	-	-	-
Front bumper (body coloured)		X	X	X	X	X	X
Fuel filler cap (lockable)		-	-	X	-	-	-
Green tinted windscreen, side and rear windows		X	X	X	X	X	X
Headlamps (Halogen)		X	X	X	X	X	X
Metallic/Mica paint		No cost option	No cost option	No cost option	No cost option	No cost option	No cost option
Mudflaps (front)		X	X	X	X	X	X
Mudflaps (rear)		X	X	-	X	X	X
Power mirrors (black)		X	-	X	X	-	-
Power mirrors (chrome)		-	X	-	-	X	X
Power windows		X	X	X	X	X	X
Rear step bumper (black)		X	-	-	X	-	-
Rear step bumper (chrome)		-	X	-	-	X	X
Side steps (aluminium finish)		-	X	-	-	X	X
Under-body impact protection		-	-	X	X	X	X
Interior							
Air-conditioning		X	-	X	X	-	-
Air-conditioning (dual-zone climate control)		-	X	-	-	X	X
Ambient temperature gauge		-	X	-	-	X	X
Automatic transmission indicator in instrument cluster		auto only	auto only	-	auto only	auto only	auto only
Auxiliary 12 volt power outlets		X	X	X	X	X	X
Bluetooth® (hands-free compatible)*2		X	X	X	X	X	X
Centre armrest console with dual compartments		X	X	X	X	X	X
Critical function warning lights/chimes		X	X	X	X	X	X
Cruise control		X	X	X	X	X	X

Cupholders		X	X	X	X	X	X
Digital clock		X	X	X	X	X	X
Door ajar warning light		X	X	X	X	X	X
Door pockets		X	X	X	X	X	X
Driver's left footrest		X	X	X	X	X	X
Floor covering:	carpet	-	X	-	-	X	X
	vinyl	X	-	X	X	-	-
Glove box		X	-	X	X	-	-
Glove box (lockable and illuminated)		-	X	-	-	X	X
Headlamps auto on/off function		-	-	-	-	-	X
Illuminated entry system with delayed fade		X	X	X	X	X	X
Instrument panel light dimmer		X	X	X	X	X	X
Interior illumination:	dome lamp	X	X	X	X	X	X
	map reading spot lamps	X	X	X	X	X	X
	power window switch (driver)	X	X	X	X	X	X
Leather-wrapped:	gear shift knob	-	X	-	-	X	X
	steering wheel	-	X	-	-	X	X
Low fuel warning light		X	X	X	X	X	X
Overhead sunglass storage box		X	X	X	X	X	X
Passenger assist grips		X	X	X	X	X	X
Rear-view mirror with auto dimming function		-	-	-	-	-	X
Satellite navigation		-	X	-	-	X	X
Seat trim:	cloth	X	X	X	X	X	-
	leather	-	-	-	-	-	X
Seat (driver's front bucket) with:	adjustable head restraint	X	X	X	X	X	X
	height and lumbar adjustment	-	X	-	-	X	X
	rake and slide adjustment	X	X	X	X	X	X
Seat (passenger's front bench) with:	adjustable head restraint	-	-	-	-	-	-
Seat (passenger's front bucket) with:	adjustable head restraint	X	X	X	X	X	X

	rake and slide adjustment	X	X	X	X	X	X
	seat back pocket	X	X	X	X	X	X
Seat (passenger's rear bench) with:	adjustable head restraints	X	X	X	X	X	X
	foldable seat base and under-seat storage	X	X	X	X	X	X
Seat (passenger's rear jump) with:	removeable seat base and under-seat storage	-	-	-	-	-	-
Tachometer and electronic odometer/tripmeter		X	X	X	X	X	X
Tilt-adjustable steering wheel		X	X	X	X	X	X
Trip computer (current and average fuel consumption, distance to empty and average vehicle speed)		X	X	X	X	X	X
Vanity mirror (front passenger)		X	X	X	X	X	X
Window demister (rear)		X	X	X	X	X	X
Wipers (front) 2-speed with rain-sensing function		-	-	-	-	-	X
Wipers (front) 2-speed with variable intermittent function		X	X	X	X	X	-
Audio							
AM/FM tuner		X	X	X	X	X	X
Auxiliary input (3.5mm MP3 player compatible)		X	X	X	X	X	X
Bluetooth® audio (MP3 player compatible)*2		X	X	X	X	X	X
CD player, single disc (MP3/WMA compatible)		X	X	X	X	X	X
Speakers (4)		-	-	-	-	-	-
Speakers (6)		X	X	X	X	X	X
Steering-wheel-mounted audio controls		X	X	X	X	X	X
USB input (iPod® compatible)		X	X	X	X	X	X
Safety							
Airbags SRS:	front (driver and passenger)	X	X	X	X	X	X
	side (front)	X	X	X	X	X	X
	curtain (front)	-	-	-	-	-	-
	curtain (front and rear)	X	X	X	X	X	X
Anti-lock Braking System (ABS)		X	X	X	X	X	X
Child restraint anchor points (2)		X	X	X	X	X	X

Childproof rear door locks		X	X	X	X	X	X
Collapsible steering column		X	X	X	X	X	X
Day/night rear vision mirror		X	X	X	X	X	X
Dynamic Stability Control (DSC) - switchable on/off		X	X	X	X	X	X
Electronic Brake-force Distribution (EBD)		X	X	X	X	X	X
Emergency Brake Assist (EBA)		X	X	X	X	X	X
Engine immobiliser		X	X	X	X	X	X
Emergency Stop Signal (ESS)		X	X	X	X	X	X
Left-hand-side convex (wide angle) exterior mirror		X	X	X	X	X	X
High mount stop lamp		X	X	-	X	X	X
Hill Descent Control (HDC)		-	-	X	X	X	X
Hill Launch Assist (HLA)		X	X	X	X	X	X
Intrusion-minimising brake pedal		X	X	X	X	X	X
Load Adaptive Control (LAC)		X	X	X	X	X	X
Locking Rear Differential (LRD) - switchable on/off		-	-	X	X	X	X
One touch (up and down) power window (driver)		X	X	X	X	X	X
Remote central locking (2 transmitters with retractable key)		X	X	X	X	X	X
Roll Stability Control (RSC)		X	X	X	X	X	X
Seat-belt warning audible and visual (driver)		X	X	X	X	X	X
Seat-belt warning audible and visual (front passenger)		X	X	X	X	X	X
Seat-belts (front) with:	pretensioners and load limiters	X	X	X	X	X	X
	height adjustable shoulder anchorages	X	X	X	X	X	X
Seat-belts 3-point lap-sash (all seats)		X	X	X	X	X	X
Side impact door beams		X	X	X	X	X	X
Traction Control System (TCS)		X	X	X	X	X	X
Trailer Sway Control (TSC)		X	X	X	X	X	X
Dimensions							
Cargo box floor height to ground		835 mm	841 mm	-	835 mm	841 mm	841 mm
Cargo box floor length		1,549 mm	1,549 mm	-	1,549 mm	1,549 mm	1,549 mm

Cargo box floor width		1,560 mm	1,560 mm	-	1,560 mm	1,560 mm	1,560 mm
Cargo box height		513 mm	513 mm	-	513 mm	513 mm	513 mm
Cargo box tailgate opening width		1,330 mm	1,330 mm	-	1,330 mm	1,330 mm	1,330 mm
Cargo box top length		1,485 mm	1,485 mm	-	1,485 mm	1,485 mm	1,485 mm
Cargo box top width		1,500 mm	1,500 mm	-	1,500 mm	1,500 mm	1,500 mm
Cargo box width between wheel arches		1,139 mm	1,139 mm	-	1,139 mm	1,139 mm	1,139 mm
Ground clearance	laden	200 mm	205 mm	200 mm	200 mm	205 mm	205 mm
	unladen	232 mm	237 mm	232 mm	232 mm	237 mm	237 mm
Overall length		5,373 mm	5,365 mm	5,124 mm	5,373 mm	5,365 mm	5,365 mm
Overall width		1,850 mm	1,850 mm	1,850 mm	1,850 mm	1,850 mm	1,850 mm
Overall height		1,815 mm	1,821 mm	1,815 mm	1,815 mm	1,821 mm	1,821 mm
Overhang	front	919 mm	919 mm	919 mm	919 mm	919 mm	919 mm
	rear	1,234 mm	1,226 mm	985 mm	1,234 mm	1,226 mm	1,226 mm
Track	front	1,560 mm	1,560 mm	1,560 mm	1,560 mm	1,560 mm	1,560 mm
	rear	1,560 mm	1,560 mm	1,560 mm	1,560 mm	1,560 mm	1,560 mm
Wading depth		800 mm	800 mm	800 mm	800 mm	800 mm	800 mm
Wheelbase		3,220 mm	3,220 mm	3,220 mm	3,220 mm	3,220 mm	3,220 mm
Approach angle		27.6 °	28.2 °	27.6 °	27.6 °	28.2 °	28.2 °
Departure angle		27.1 °	26.4 °	28.4 °	27.1 °	26.4 °	26.4 °
Ramp breakover angle		24.4 °	25.0 °	24.4 °	24.4 °	25.0 °	25.0 °
Weights and Capacities							
Axle capacity	front	1,480 kg	1,480 kg	1,480 kg	1,480 kg	1,480 kg	1,480 kg
	rear	1,850 kg	1,850 kg	1,850 kg	1,850 kg	1,850 kg	1,850 kg
Gross Combined Mass (GCM)*3	man	5,950 kg	5,950 kg	5,950 kg	5,950 kg	5,950 kg	5,950 kg
	auto	5,950 kg	5,950 kg	-	5,950 kg	5,950 kg	5,950 kg
Gross Vehicle Mass (GVM)	man	3,200 kg	3,200 kg	3,200 kg	3,200 kg	3,200 kg	3,200 kg
	auto	3,200 kg	3,200 kg	-	3,200 kg	3,200 kg	3,200 kg
Kerb weight	man	1,944 kg	1,983 kg	1,929 kg	2,044 kg	2,086 kg	2,095 kg
	auto	1,964 kg	2,003 kg	-	2,061 kg	2,103 kg	2,112 kg

Payload*4	man	1,256 kg	1,217 kg	1,271 kg	1,156 kg	1,114 kg	1,105 kg
	auto	1,236 kg	1,197 kg	-	1,139 kg	1,097 kg	1,088 kg
Seating capacity		5	5	5	5	5	5
Tow ball download	maximum	335 kg	335 kg	335 kg	335 kg	335 kg	335 kg
Towing capacity*5	braked	3,350 kg	3,350 kg	3,350 kg	3,350 kg	3,350 kg	3,350 kg
	unbraked	750 kg	750 kg	750 kg	750 kg	750 kg	750 kg

*1 Fuel consumption figures are based on ADR81/02. They are useful in comparing the fuel consumption of different vehicles. This will depend on traffic, road conditions and how the vehicle is driven.

*2 Please check the compatibility of your Bluetooth® device (particularly your mobile phone) with the specific Mazda vehicle you intend to purchase as not all devices operate correctly. Consult your Mazda Dealer for further information.

*3 Gross Combined Mass (GCM) is the total permissible combined weight of the vehicle and trailer/caravan being towed including occupants, fuel and cargo.

*4 The weight of any vehicle occupants, options, accessories, modifications, cargo and towball download must be included when calculating payload weight.

*5 Subject to State or Territory regulations.