

➤ Thales Bushmaster is a highly mobile, ballistic, mine and Improvised Explosive Device (IED) resistant Protected Mobility Vehicle (PMV). Bushmaster has an established family of modular armoured vehicles offering high levels of protected mobility for combat, combat support and combat service support of troops across a diverse range of mission profiles including troop movement, command and control, electronic warfare, air defence, assault pioneer, direct fire support, route clearance and ambulance activities.

➤ The latest additions to the Bushmaster family are Bushmaster Single Cab Utility and the Bushmaster Dual Cab Utility while offering commonality also provide further payload flexibility and outstanding towing capability.



THALES AUSTRALIA

BUSHMASTER SINGLE CAB UTILITY VEHICLE

Crew protection, mobility and combat flexibility





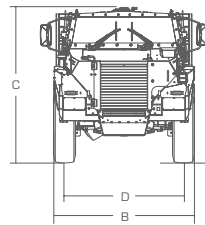
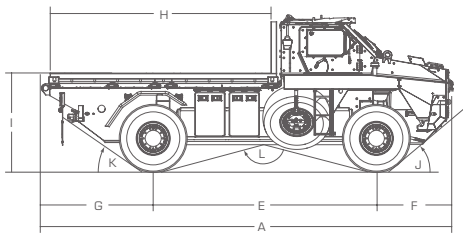
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VEHICLE SPECIFICATIONS

BUSHMASTER SINGLE CAB UTILITY VEHICLE



- A - Overall length:** 7,210 mm
- B - Width:** 2,480 mm
- C - Overall height:** 2,650 mm
- D - Track:** 2,100 mm
- E - Wheelbase:** 3,900 mm
- F - Front overhang:** 1,340 mm
- G - Rear overhang:** 1,970 mm
- H - Tray length:** 4,010 mm
- I - Tray height:** 1,595 mm
- J - Approach angle:** 40°
- K - Departure angle:** 38°
- L - Ramp over angle:** 108°
- Configuration:** 4x4
- Crew:** 2 (including driver)
- Side Slope:** 36° static
- Gradient:** 60 %
- Vertical Obstacle:** 460 mm
- Weight (GVM):** 17,200 kg
- Kerb mass:** 11,500 kg (with tray)

Engine:

Caterpillar 3126E 7.2 l six cylinder turbocharged diesel. 224 kW / 300 hp @ 2,200 rpm and torque of 1,166 Nm/860 ft·lb @ 1,440 rpm, with self diagnosis capability

Transmission:

ZF 6HP502 ECOMAT G2 with 6 forward speeds, 1 reverse and convertor lock up, in all six gears. 300 kW front end input retarder, and flat tow capability

Transfer case:

ZF VG 1600 - 2 speed 66/34 transfer case, Ratio's - high 0.99:1 low 1.34:1

Suspension and axles:

AxleTech 4000 series fully independent progressive coil spring with upper control arm and lower wishbone.

Diff locks:

Independent air operated - front, centre and rear

Brakes: Dual circuit air operated, outboard disc on all four wheels with ABS and EBD, Combat brake system fitted

Steering: ZF power assisted

Tyres:

Michelin 395/85 R20 low MMP with bead locks

Central Tyre Inflation System (CTIS):

CM Automotive dual channel with four settings

Fuel capacity: 300 l + 19 l (internally protected)

Maximum road range: 800 km

Speed: Maximum (governed) 100 km/h

Electrical system: 24 V DC, 140 Amp Alternator battery, 2 x 12 V, CCA 600 Amps

Environmental: 10 kW cooling, 6 kW heating

Ground Clearance: Under hull 430 mm

Turning circle (kerb to kerb): 17.7 m

Fording: 1,200 mm No preparation

Air transportable: C-130

Protection: Bushmaster has a unique level of protection and survivability through its mobility and monocoque vee-shaped armoured hull. Ballistic and mine blast protection levels and options are available upon request

Weapon mounts:

Capable of fitting 1 weapon system

Options:

- Run flat inserts
- Spare wheel
- Crane
- Hydraulic winch
- Remote weapon station
- External lockers
- Alternators (200, 280 and 400 Amp).