

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 DUAL CAB UTILITY VEHICLE

Crew protection, mobility and combat flexibility





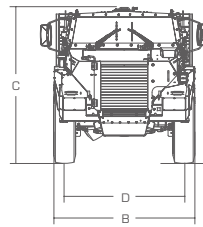
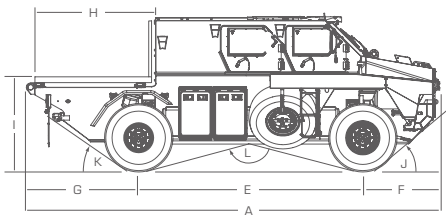
THALES AUSTRALIA

# BUSHMASTER DUAL CAB UTILITY VEHICLE

Crew protection, mobility and combat flexibility

## VEHICLE SPECIFICATIONS

BUSHMASTER DUAL CAB UTILITY VEHICLE



**A - Overall length:** 7,200 mm

**B - Width:** 2,480 mm

**C - Overall height:** 2,680 mm

**D - Track:** 2,100 mm

**E - Wheelbase:** 3,900 mm

**F - Front overhang:** 1,340 mm

**G - Rear overhang:** 1,960 mm

**H - Tray length:** 2,100 mm

**I - Tray height:** 1,655 mm

**J - Approach angle:** 40°

**K - Departure angle:** 39°

**L - Ramp over angle:** 108°

**Configuration:** 4 x 4

**Crew:** 4 (including driver)

**Side slope:** 36° static

**Gradient:** 60%

**Vertical obstacle:** 460 mm

**Weight (GVM):** 17,200 kg

**Kerb mass:** 11,200 kg (without tray)

**Engine:** Cummins ISBe 300 6.7 litre 6 cylinder, turbocharged diesel 221 kW / 296 hp @ 2,500 rpm and torque of 1,100 Nm/ 811 ft·lb @ 1200 rpm with self diagnosis capability. Euro emission compliant.

**Transmission:** ZF 6HP502 ECOMAT G2 providing 6 forward speeds and 1 reverse and converter 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 discs on all four wheels with ABS and EBD.

**Steering:** ZF power assisted steering

### Tyres:

Michelin 395/85 R20 Low MMP with bead locks

**Central Tyre Inflation System (CTIS):** CM Automotive dual channel with 4 settings

**Fuel capacity - useable:** 300 + 19 l

**Maximum road range:** 800 km

**Speed:** Maximum (governed): 100 km/h

**Electrical system:** 24 volt, 200 Amp alternator

**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 Dual Cab provides a unique level of protection and survivability through its monocoque vee-shaped armoured hull. Ballistic and mine blast protection levels and options are available upon request.

### Weapon mounts:

Capable of fitting 1x weapon station

### Options:

- Gunning
- Tray – 300 kg self weight
- Bolster for ISO half container
- Spare wheel
- Hydraulic winch
- Run flat inserts
- External lockers.