

THALES

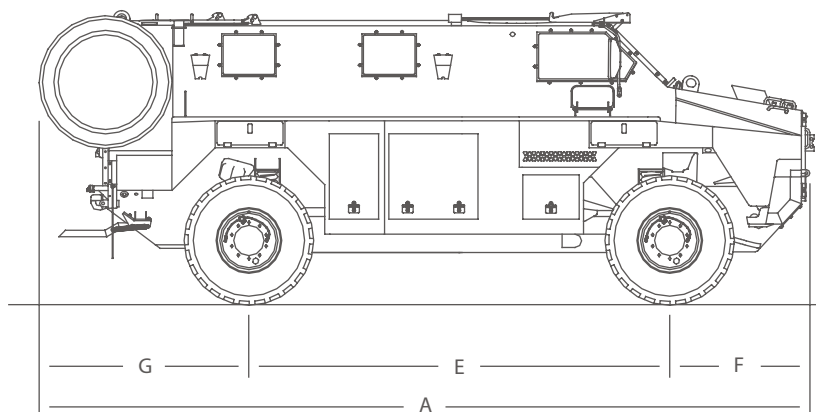
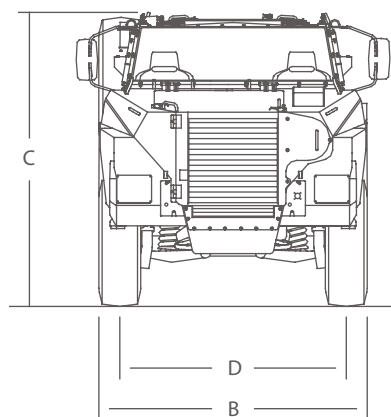


BUSHMASTER

Outstanding crew protection and mobility

SPECIFICATIONS

| | |
|-------------------------|----------------------------|
| A Overall length | 7,180 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 | 1,950 mm |
| Crew | Up to ten including driver |
| Configuration | 4 x 4 full-time |
| Weight (GVW) | 15,000 kg |
| Kerb weight | 12,400 kg |



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OUTSTANDING CREW PROTECTION AND MOBILITY

Vehicle specifications

| | |
|---|---|
| Total internal volume (useable) | 11.2 m ³ |
| Total external volume storage (useable) | 2.5 m ³ |
| Turning circle kerb to kerb | 17.7 m |
| Ground clearance | Under hull 430 mm |
| Speed | governed to 100 km/h cruise 100 km/h |
| Maximum road range | 800 km |
| Fording | no preparation 1200 mm |
| Gradient | up to 60% |
| Approach angle | 40° |
| Departure angle | 38° |
| Side slope | static 36° |
| Vertical obstacle | 457 mm |
| Engine Caterpillar 3126E 7.2 L six cylinder turbocharged and air-to-air after-cooled diesel developing up to 246 kW @ 2200 rpm and torque of 1166 Nm @ 1440 rpm, with self diagnosis capability | |
| Transmission ZF 6HP502 ECOMAT G2 providing six forward speeds, one reverse and convertor lock up. Allison MD 3066 (optional) | |
| Transfer case Fabco TC170 1.1 single speed 50/50 transfer case with diff. and air operated diff. lock. Ratio 1:1:1 reduction | |
| Diff Locks Air operated front, centre and rear | |
| Towing Recovery of other vehicle up to 15,000 kg Recovery points—front and rear Electric/pneumatic connections—front and rear | |

Suspension and axles

Arvin Meritor 4000 series fully independent, progressive coil spring with upper control arm and lower wishbone 5.186:1 total reduction

Steering

Power assisted

Brakes

Dual circuit air operated, outboard discs on all four wheels

Tyres

Low MMP Michelin 395/85 R20 with bead locks

Central Tyre Inflation System (CTIS)

Dual channel, four settings

Fuel capacity

300 L + 19 L (internally protected)

Electrical system

24 V DC, alternator 140 amp 24 V (fully redundant), battery two bank dual configuration (4 x 12 V) CCA 600 amps

Environmental

14 kW cooling split front and rear systems. 6 kW heating

Protection

Bushmaster provides a unique level of protection and survivability through its mobility, monocoque vee-shaped armoured hull, and passive and active protection measures. Detailed levels of ballistic and mine blast protection available upon request.

Options

- Run flat inserts
- NBC / CBR
- 211 L water tank
- 10-ton hydraulic winch
- Remote weapon station
- Swing mount

Weapon mounts

- Up to three weapon mounts, include one remote weapon station
- Main gun ring or RWS capable of mounting 12.7 mm machine gun or 40 mm AGL