

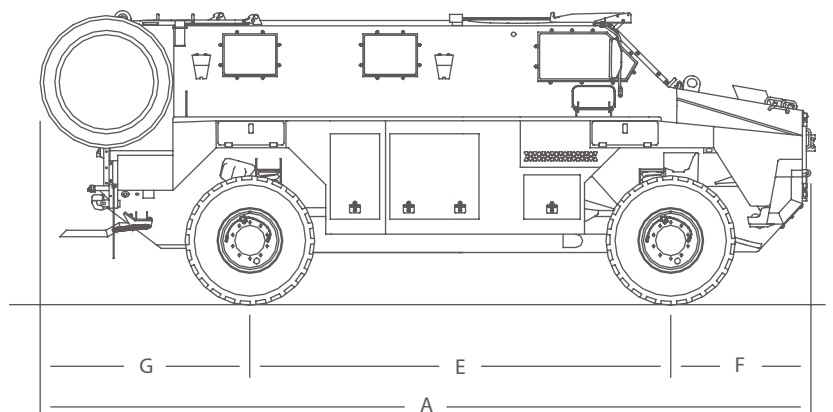
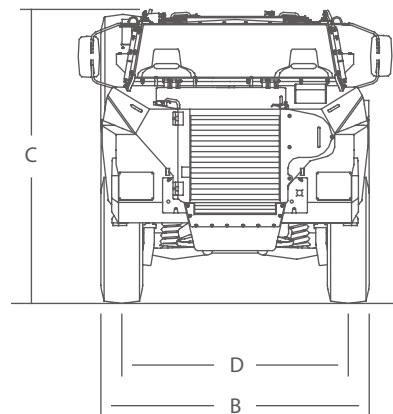


BUSHMASTER

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



BUSHMASTER

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

Ballistic - exceeds STANAG 4569 level 1 (standard)
- up to STANAG 4569 level 3 (option)
FSP - IED up to STANAG 4569 level 5 (option)
Mine - high level of protection from monocoque hull (standard)
Spaw liner - (option)

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