

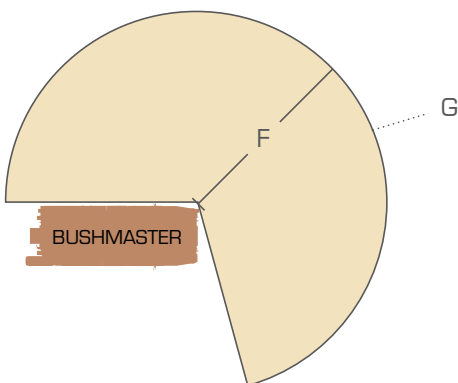
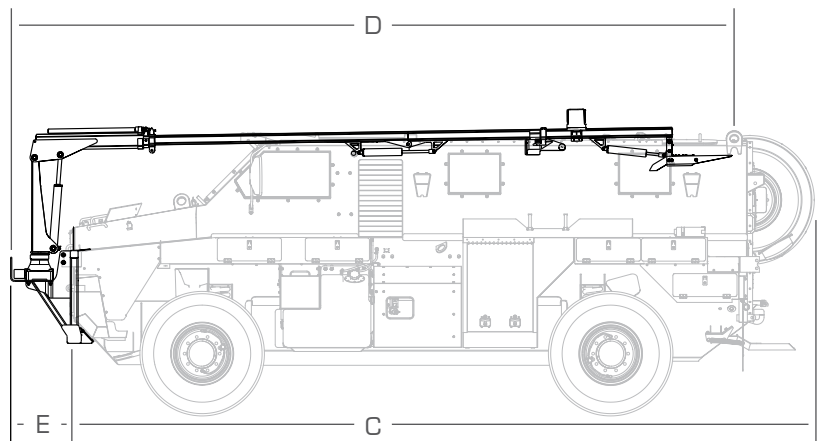
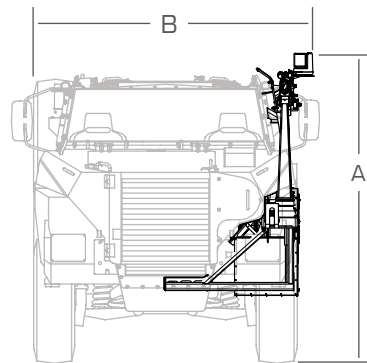


BUSHMASTER IED INTERROGATION VEHICLE

Outstanding crew protection and mobility

SPECIFICATIONS

A	Overall vehicle height	2,785 mm
B	Overall vehicle width	2,630 mm
C	Vehicle length	7,180 mm
D	Stowed length	6,880 mm
E	Increase to vehicle length (non deployed)	600 mm
F	Reach	8,530 mm
G	Angle of operation	255°
	Weight	450 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 224 kW @ 2200 rpm and torque of 1166 Nm @ 1440 rpm, with self diagnosis capability.

Protection

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

Family of vehicles

The Bushmaster is a highly mobile ballistics, mine and improvised explosive device (IED) blast resistant Protected Mobility Vehicle (PMV). Bushmaster has an established family of vehicles offering high levels of protected mobility across a diverse range of mission profiles.

Interrogator arm specifications

Commonality of platform

The modular integration design using commercial off the shelf crane components can be installed onto any Bushmaster utilising the side winch mounting location and front winch cable block position.

The installation requires no welding, cutting or drilling and utilises the vehicles existing engine driven hydraulic system.

Ergonomics

In vehicle control of the system is from the front passenger seat through push button and joy stick controls.

Operation from outside the vehicle is also possible through manual control and hydraulic panel.

Features

- Engine driven hydraulics
- Left-hand or right-hand passenger seat operation
- Super slow speed function of hydraulics
- Two piece arm articulation
- Integration tool movement control
- Aim "Lock-in" vehicle stowage point
- Fully functional / operational under armour
- Modular
- Continuous duty cycle.

Attachment options

- Interrogation tool
- Interrogation tool with clasp claw
- Work light
- Camera
- Metal detection array
- Proximity detector.