

DSEI

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# Foxhound

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**Foxhound is a radically different breed. Unlike mine-protected vehicles based on existing commercial chassis, Foxhound integrates V-hull blast protection technology, with a demountable protected crew pod that allows multiple configurations for different roles.**

Foxhound provides exceptional mobility and agility for urban and harsh off-road environments where weight and size present particular challenges. Foxhound is the British Army vehicle of choice for light infantry and can be transported internally within A400M and C17.



*Tested against exacting UK mine and blast standards, offering exceptional survivability*

- 400 vehicles in-service with British Army
- 5.5t kerb weight in Patrol Configuration. 3.0t payload, with capability growth to 10t
- More than 2.3million miles usage on operations, with high-reliability, creating a low logistic footprint
- Air-transportable by C-130, A400M, and C17
- Exceptional mobility, ride and mine blast protection, due to fully independent suspension mounted to the full length V-hull
- Turning circle less than that of a Land Rover
- Generic Vehicle Architecture (GVA) compatible electrical and electronic architecture to ease future future systems integration.

## About the vehicle

Foxhound is a family of light, highly-agile, 4x4 protected vehicles optimised for the light force, including: Patrolling, Reconnaissance, Protected Light Logistics, Command and Control and ECM roles.

Foxhound combines best in weight class mine blast and IED survivability with capacity and payload capability to support the 72 hour battlefield mission.

The design has been matured from the lessons learned from supplying mine protected and light, high-mobility vehicles, to the UK British Army in support of operations.

The modular protected crew pod, allows multiple configurations for different roles from the same base chassis, creating the Foxhound Family.



## Foxhound features and specifications

### CONFIGURATION

Height – 2.35 m  
Width – 2.1 m  
Length – 5.40 m  
Max GVW – 8500 kg  
Payload – 3000 kg  
Ground Clearance – 350mm  
Wheelbase – 3.66 m  
Seating – 2+4

### PERFORMANCE @ GVW

Mobility – IMMLC  
Governed Speed – 110 km/h  
Acceleration – 0-80 kph in 20 seconds at combat weight.  
Range – 500 km  
Turning Circle – 12 m with rear steer  
Fording Depth – Unprepared 750 mm  
Approach Angle – 45°  
Departure Angle – 48°  
Stability Tilt – >33°

Break Over Angle – 155°

Gradient – 60°

Side slope – 40°

### POWER TRAIN & SUSPENSION

Engine – 6 cylinder; 4 stroke w/turbo charger. Multi-fuel capable  
Transmission – 6-speed; automatic, all wheel drive with lockable differential  
Power-to-Weight Ratio – 19 kW/tonne  
Suspension – Independent; Torsion Bar  
Tires – Michelin XZL 335/80 R20  
Wheels – 2-piece split rims  
Brakes – 4-wheel ABS hydraulic system  
Steering – 4-wheel steer

### AIR TRANSPORTABILITY

C-17, CH-47 (under slung when 'split'), A400M

### SYSTEMS

Climate Control System – Twin HVAC units both with heat and A/C. Independently controlled.

Operating Temperature – A1-C0 – (Optional winter kit to C2)

### SURVIVABILITY

Mine Blast – as delivered against STANAG 4569

KE/Ballistics Protection – Modular applique as delivered against STANAG 4569

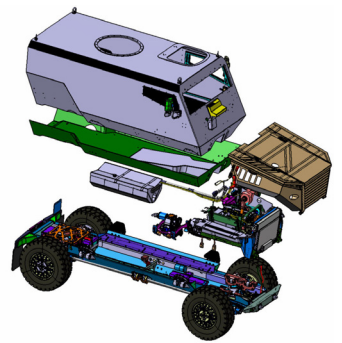
EFP/RPG – Add-on kit

Light Weight RPG Mitigation (optional)

### OTHER OPTIONS

CTIS, Fire suppression, Winch, Weapons (7.62mm; 50cal; 40mm UGM), Additional exterior stowage

*The Foxhound is a completely modular design*



## The Foxhound family of vehicles



Armoured Patrol



Special Operations



General Purpose Utility



Command & Control

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**GENERAL DYNAMICS**

