

DEFENDER

AMBULANCE RANGE



ABOVE AND BEYOND



Land Rover Approved Vehicle Modifier Product



Designed around the Defender platform, Land Rover's ambulances provide valuable support to public authorities, security and peace keeping forces, NGOs and charities around the world.

The Land Rover Defender 110 Station Wagon and Defender 130 Chassis Cab are modified to tackle tough medical emergencies. Both are flexible, proven 4x4 heavy-duty platforms, suitable for the world's most challenging vehicle access requirements and conditions. They have best in class, exceptional capability, and can operate on the low grade fuels often found in hardship locations.

Land Rover's Approved Vehicle Modifier (AVM) will deliver ambulance solutions to satisfy a wide range of operational needs. The standard fit-outs and options can be combined to meet many specific customer requirements. Bespoke requests can also be accommodated.

All ambulance conversion vehicles meet Land Rover's stringent quality guidelines and engineering criteria through rigorous audits of design, engineering standards and manufacturing. AVM vehicles are backed by a Land Rover warranty on the vehicle and AVM warranty on the modification and conversion, which mirrors the provisions within the vehicle warranty.



Defender Ambulance features and benefits

Body features:

- Recovery kit
- Fire extinguisher: 1kg hand-held extinguisher
- Standard emergency decals
- Auxiliary battery / split charge
- Loading ramp (110 only)
- Freestanding ambulance body (130 only)
- Rear access step (130 only)
- Access window for ambulance-cab communication (130 only)
- Roof tray (spare wheel) (130 only)
- Rear air cabin conditioning (130 only)

Emergency alert system:

- Electronic siren and speaker
- External speaker with in-cab microphone
- Front / rear intercom system (130 only)

Lighting features:

- Two beacon roof lights
- High output interior lighting including 2x2 focus lights
- Working lamp (110, option on 130)
- Dome lights (door activated) (130 only)

Occupant accommodation:

- Internal cabinets
- Medical attendant seat
- Main stretcher (two on 130)
- Two seats with under-storage boxes (130 only)
- Multipurpose patient bench (130 only)

Medical equipment:

- First aid kit
- Two D size (425 Ltr) catalina brand aluminium oxygen cylinders
- Oxygen regulator kit
- Oxygen mask with tubes
- Manual suction medical aspirator - Rico RS
- Basic medical adjunctive supplies kit
- Sphygmomanometer aneroid (wall mounted)
- Pole stretcher with soft bag (130, option on 110)
- IV hook set (two sets on 130) (three in a set)
- Electrical sterilisation box with receptacles (130 only)
- Spine board (130 only)

Vehicle protection and operation: Options

- Underbody skid plate: helps protect the sump and steering components from impact damage
- Enhanced fuel filtration and warning system: helps remove water and other fuel contaminants
- Front and rear lamp guards
- Front nudge bar with towing and recovery eyes: helps to strengthen the vehicle front to provide improved impact resistance, snatch recovery capability and reverse towing capability
- Coolant level alarm: provides constant monitoring of coolant level
- Winch (including dedicated bull bar): 4,500kg electric, front mounted
- Raised air intake: helps to reduce risk to air intake system in extreme dust or wading conditions
- Rear towing hook, 3,500kg capacity
- Fuel burning heater (block only): provides engine and cabin pre-heating for improved starting and driving comfort in extreme cold climates

- Side step (110 only)
- Working lamp (130, standard on 110)

Safety features: Options

- Front driving light: improves vision whilst operating in low light conditions
- Rear reverse light (lower): improves vision whilst in low light conditions
- Battery isolator: enables the battery to be isolated for maintenance
- ERV light bar: programmable roof light bar which enables bespoke signals to be transmitted from the roof light system

Bespoke enhancements: Options

- Incremental medical equipment: upon request and subject to technical feasibility, extra or alternative medical equipment can be engineered into the ambulance specification. Bespoke signage also available
- Electronic siren and speaker: enhanced audible warning capability
- Three loading / working lights (110 only)
- Canvas seat covers: removable washable covers protect the seats
- Radio communication systems: to suit specific requirements
- GPS tracking system
- Locking cubby box: for secure storage of valuables
- Tyron bands (Run on Flat tyre system)
- Universal A/C transformer outlet 220V
- Universal A/C transformer outlet 115V
- Pole stretcher with softbag (110, standard on 130)

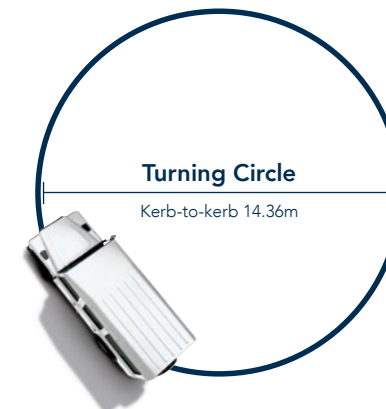
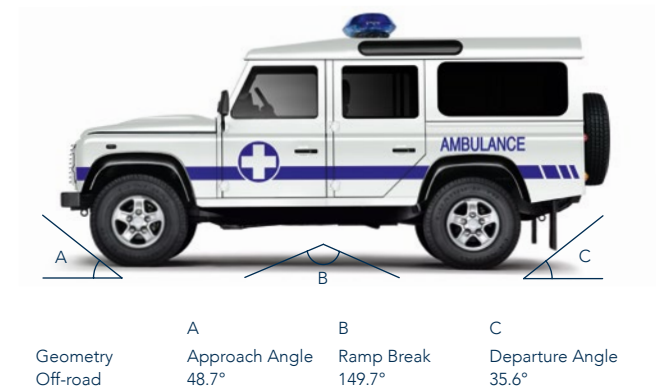
The features shown here are by no means exhaustive and further options and tailor-made solutions are available. Conversions are applicable to the full range of Defender products. Please note, certain combinations of features may not be possible. For further information, please contact your Land Rover Dealer or visit www.landrover.com/professional. Images are for illustrative purposes only and may appear different to the actual vehicle.

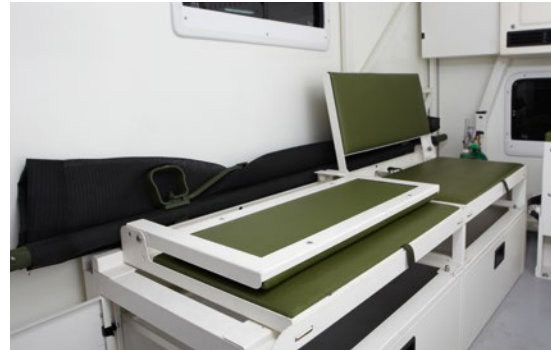
Dimensions and Capabilities

Land Rover Defender Ambulance

VEHICLE DETAIL	110 STATION WAGON SINGLE STRETCHER	110 STATION WAGON HIGH TOP	130 CHASSIS CAB TWIN STRETCHER
Engine type	Turbo Diesel	Turbo Diesel	Turbo Diesel
Power [kW]	90 @ 3,500 rpm	90 @ 3,500 rpm	90 @ 3,500 rpm
WEIGHT TABLE (KG)			
Gross vehicle weight	3,050 (std), 3,500 (option)	3,500 only	3,500 only
Min. kerb weight	2,150	2,765	2,400+
Max. pay load	900-1,350	735	1,100
Towing capacity	3,500 (with braked trailer)	3,500 (with braked trailer)	3,500 (with braked trailer)
WHEELS AND TYRES			
Wheel	16" Steel Wheel	16" Steel Wheel	16" Steel Wheel
Tyre	Conti Cross or equivalent	Conti Cross or equivalent	Conti Cross only
DIMENSIONS OF MODIFIED VEHICLE			
Length [mm]	4,785	4,785	5,170
Width [mm]	1,790	1,790	1,790
Height [mm]	2,240	2,430	2,550
Height [with optional light bar]	2,270	2,735	2,855
Angle of approach [degree]	48.7	48.7	48.7
Angle of departure [degree]	35.6	35.6	35.6
Wheelbase [mm]	2,794	2,794	3,255
Track width [mm]	1,486	1,486	1,511
Min. ground clearance [mm]	250	250	250
Turning circle diameter [m]	14.36	14.36	15.08
Wading depth [mm]	500	500	500
STANDARD AND OPTIONAL FEATURES			
High Torque 2.2L Diesel engine	■	■	■
Anti-stall engine management	■	■	■
Six-speed manual transmission	■	■	■
Front and rear ventilated disc brakes	■	■	■
Air-conditioning	■	■	■
Seven seats	○	○	○
Anti-lock Braking System	○	○	○
Electronic Traction Control	○	○	○
Sunroof	□	□	□
Electric windows	□	□	□

■ Standard □ Standard Delete ○ Optional





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The Vehicle Range

With a number of vehicle variations available, Defender makes the ideal Ambulance no matter what the requirements. The vehicle range comprises:

- 110 Station Wagon Single Stretcher Ambulance, for which there is also a mine site conversion for hazardous environments, fitted with a roll cage and occupant protection features
- 110 Station Wagon High Top Ambulance
- 130 Chassis Cab Twin Stretcher Ambulance

For commercial or market legislative reasons not all Defender Professional Vehicles are available in all markets. For further information, please contact your Land Rover Dealer or visit www.landrover.com/professional



110 Station Wagon Single Stretcher Ambulance



110 Station Wagon High Top Ambulance



130 Chassis Cab Twin Stretcher Ambulance

Land Rover Approved Vehicle Modifier

Email svo@landrover.com to have one of our Land Rover Professional team contact you directly.

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