

MILITARY VEHICLES





C O N T E N T S



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INTRODUCTION



For more than four decades Land Rover has enjoyed a worldwide reputation for 4-wheel drive excellence. It has always been renowned as the original and outstanding multi-purpose vehicle. And its name is synonymous with rugged durability, dependability, versatility and quality.

Today the company is part of Rover Group Ltd and Land Rover remains at the forefront as the world's largest dedicated 4 x 4 manufacturer, producing more than 77,000 vehicles a year, of which 70 per cent are exported.

We provide armed forces around the globe with vehicles tailor-made for a wide variety of roles.

Everything from ambulances to mobile communications centres, from patrol vehicles to missile carriers.

Tough vehicles that have muscle and stamina. Reliable vehicles that give you exceptional value for money – throughout their long lives. Logistics-friendly vehicles that have a high level of parts commonality and are inter-operable for your drivers and workshop personnel. Agile vehicles that can be rapidly deployed – by air when necessary – for operations anywhere, any time, on or off-road in any terrain and in the most extreme climatic conditions. From arctic to desert.

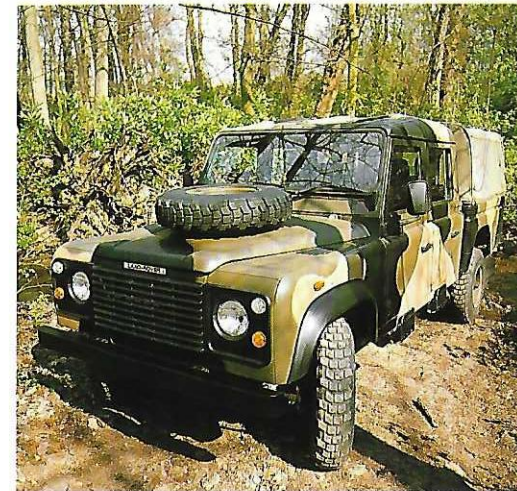
We at Land Rover are not resting on our laurels. Land Rover is tomorrow's company. Lean, efficient and exceedingly flexible. Shaping

up to the '90s and beyond with renewed dynamism. Reacting to changing security threats. Always striving for even greater efficiency, reliability, cost-effectiveness – and operator comfort.

There has been massive investment in the latest generation of the Land Rover Defender range – and in leading edge production techniques with state of the art computer aided design and robotics. Land Rover has the coveted quality assurance status ISO 9000 and is the choice of elite forces everywhere.

Customer care is all-important to us. We have the great depth of experience in understanding and interpreting your military requirements and the flexibility to provide vehicles that are the exact answer to your needs.

We also have the solution to all your training, parts and maintenance needs, giving you total logistics support and enabling you to get



maximum value from your vehicles throughout the long life of your fleet.

From the same stable as Range Rover and Discovery – Defender 90, 110, 130 and 6 x 6 stand for excellence, durability, reliability, versatility, customer care and highly competitive cost of ownership.

But above all Land Rover stands for quality in everything it does for the customer.



THE MILITARY RANGE



90 SOFT TOP



90 HARD TOP (24v)



MRCV SILHOUETTE



110 SOFT TOP



110 HARD TOP (24v)



110 (HCPU) PATROL

MILITARY VEHICLES

Land Rover's experience as dedicated 4-wheel drive specialists supplying hundreds of military customers worldwide is unrivalled. When you talk to us you can be certain that expertise and dedication will be concentrated on helping you meet your needs from our latest generation of robust military vehicles which have been trialled and adopted around the world.

This tough and highly versatile family – Defender 90, 110 and 130 offers tremendous scope. Payloads range from 750 kg through to 1.5 tonne class with 6 x 6 variant providing 2 tonne payloads. Engine choice is equally wide, from the 300 TDI 2.5 litre direct injection 4 cylinder diesel with turbo charger and intercooler to 3.5 V8 petrol engines.

Their versatility is extraordinary. All can be adapted for the widest range of roles – from

troop carrying to armoured vehicle, from weapons carrier to ambulance. Specifications are tailored to your exact needs.

They are daily proving their worth around the world in environments from -40° to +50° centigrade with exceptional on and off-road performance. The light weight corrosion free aluminium body can cope with any climate and the incredible mobility provided by the constant 4-wheel drive and coil sprung suspension truly makes it the best 4 x 4 x far.

A major plus point is the high degree of parts commonality between members of this Land Rover family, leading to reduced logistic requirements and a reduction in parts inventory – all this backed up by worldwide support from our Land Rover Parts operation.

Learn to drive or maintain a Defender and you can handle the whole range without retraining.

And for sheer versatility and adaptability there is nothing to touch the Defenders.

Why not discuss your needs with us and let us prove to you that we can meet them?



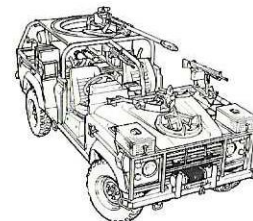
130 CREW CAB



130 CARGO



ARMOURD



SPECIAL OPERATIONS VEHICLE



GENERAL SERVICE



Versatility makes vehicles from Land Rover's large Defender range unbeatable general service work horses. They make first rate light load carriers. In this military light utility vehicle role they can be used as personnel or cargo carriers – or a mixture of the two.

The choice is wide, from the pick-up and high capacity versions available with soft or hard tops through to 12-seater station wagons.

As personnel carriers they can take up to 14 troops and in the cargo role typical payloads of up to 1500 kg are no problem. Furthermore they have a towing capacity of up to 3500 kg. The fact that they are air portable – including heli-lift capability – allows for rapid deployment any time, anywhere. Additionally Defender versions can be stripped down and dropped by parachute.

Because they operate around the globe, Land Rover provide special options, like winterised specification for operations down to -40° centigrade or air conditioning for hot climates. We will be happy to discuss your precise requirements and provide you with the configuration you need.

In the general service workhorse role the Defender range again provides versatility, adaptability, a wide choice – total flexibility.



COMMAND CONTROL AND COMMUNICATIONS



The all-terrain mobility of Defender and its capacity for carrying hi-tech equipment safely makes it ideal for the command and communications role.

Commanders at any level can gain great tactical advantages from mounting their communications in such a versatile, go-anywhere vehicle. The Defender is also equally effective as

a carrier of electronic surveillance and electronic warfare equipment.

Providing vehicles for these vital roles demonstrates Defender's ability to meet the ever-changing sophisticated needs of today's security forces. That includes vehicles with fully suppressed 24 volt electrics supplied to the highest quality and test standards. Whatever your specific needs are, we can meet them with systems ranging from the full 24 volt to 12/24 volt delivering up to 2500 watts.

We recognise the sophisticated nature of modern communications – and the often costly investment in the equipment in the back of the vehicle. So to ensure that it works effectively and you get full value from your communications investment it's important that you install it in the right vehicle – the Land Rover Defender.

The vehicle's suspension and superb mobility will do the rest, transporting electronic equipment safely across country in the most arduous environment. We have a close under-

standing and relationship with manufacturers and suppliers of electronic equipment around the world. So whether your need is command and communications, electronic surveillance or electronic warfare, we can meet it. We can be your link with the electronics companies and together provide you with exactly what you need.

WEAPON CARRIERS

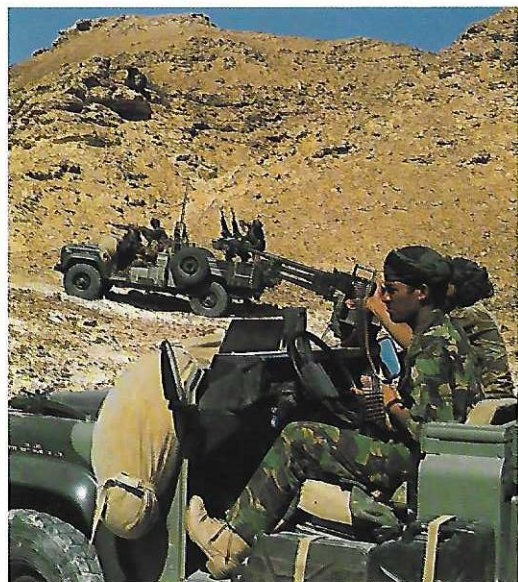
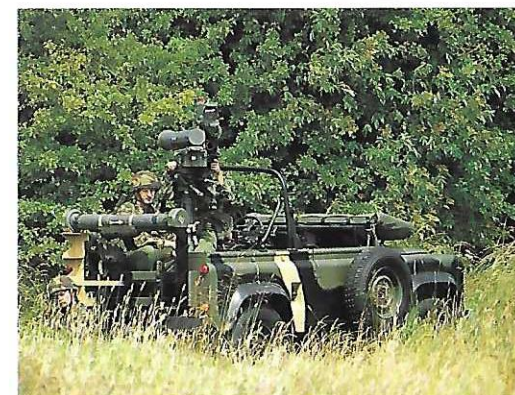
The versatile Defender range can mount an incredibly wide array of weapons – from machine guns to anti-tank and anti-aircraft missiles.

We can provide mounts for everything from the 7.62 mm general purpose machine gun and 30 mm cannon through to anti-tank missiles like TOW, MILAN and HOT. Anti-aircraft weapons like Javelin and Bofors RBS70 can also be mounted.

As well as providing weapon mounts we supply vehicles for towing systems like the British Aerospace Rapier anti-aircraft missile. The Defender family can also act in a support role, for ammunition logistics or as 'mother ships' for desert patrol vehicles. They have the capability to carry all manner of support equipment through to pure air generators to recharge night sights and targeting systems.

Land Rover has a great depth of experience and expertise in these fields. We understand your requirements and are able to work closely – internationally – with the manufacturers of a wide range of weapon systems. Providing you with tailored solutions to meet your needs.

As threats change, the air portability of our weapons carriers becomes increasingly significant. For it is rapid deployment and mobility that will be the key to tomorrow's peacekeeping.



A R M O U R E D



In today's rapidly changing security environment Land Rover's proven experience in providing armoured protection is becoming increasingly important.

We can provide protection whether for warfare, peacekeeping or internal security operations and for special duties, including escorting.

Once again it is Land Rover that has the in-depth experience of working closely with manufacturers of armouring materials. Now, in collaboration with Courtaulds Aerospace – Ballistic Protection, we are able to meet customers' growing needs with new high tech vehicle protection kits.

Courtaulds' armour concept is entirely new, based on the use of high performance glass reinforced composites made by high pressure compression moulding processes.

Armour assemblies are applied by

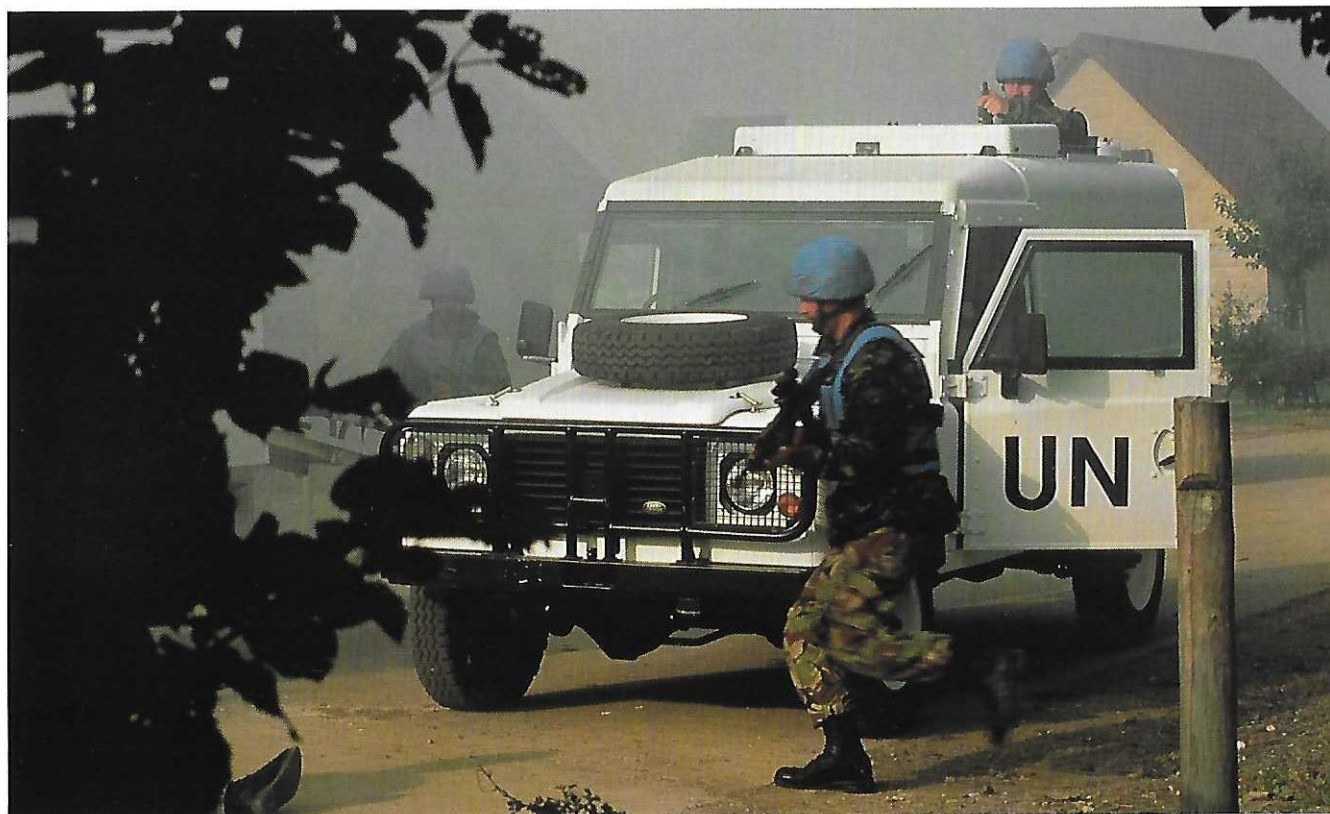
Courtaulds to a special Defender chassis for the production of lightweight vehicles and can be tailored to give protection against a range of threats, including fragmentation, high velocity small arms and blast. The risk of behind-armour splintering is almost nil.

The armour is good against multi hits and effective repair schemes have been validated.

In collaboration with Courtaulds we can

develop the most appropriate specification to help you combat the threats facing you. We also understand specialist fields such as totally discreet armour – almost indistinguishable for special roles like escort duties, VIP protection and convoy work.

You can trust us with your protection problems. Many elite forces around the world already do.



AMBULANCES

Efficiency in the movement of casualties whatever the conditions is vital. It can be a matter of life or death.

Defender can provide the answer with the 110, 130 and 6 x 6 versions as the basis of versatile go-anywhere all-terrain vehicles for ambulance work.

Their suspension and superior all-wheel drive mobility enables you to move casualties quickly, safely and comfortably in the most difficult conditions.

Again Land Rover has unrivalled experience of working with ambulance body manufacturers internationally to meet your specific needs. These can be tailor-made for up to six stretcher cases or eight seated casualties – with space for equipment stowage and medical staff. Versatility is our watchword. You can opt for integral – walk-through – ambulance bodies or box shelter types. They can be provided with whatever options of heating or air conditioning you require. And of course they can be rapidly deployed by transport aircraft such as the C130 or helicopter such as the CH47.

Although clearly ideal for military use, Defender ambulances can also be deployed to

provide medical and welfare support for civilian communities. Additionally we can meet specifications for all manner of other medical roles such as mobile clinics and vaccination units.

We can provide comprehensive customer care – for patient care.



I 3 0 S H E L T E R



In addition to the versatile workhorses of Defender's 90 and 110 models we have the powerful and highly adaptable 130 range. It provides an extra long wheelbase giving more payload area and carrying capability plus the option of a crew cab. This range is already in service with a great many customers. That's

because it is an excellent basis for shelters to meet today's increasingly wide-ranging requirements – from command centres to mobile workshops and from field kitchens to electronics repair units.

The Defender 130 can offer a capacity of up to 6.7 cubic metres and payloads of up to 1.3 tonnes.

As well as the shelter applications the Defender 130 can be adapted for use in other roles such as weapons tractors and missile system support vehicles.

Not only is the Defender 130 a valuable extension to the Defender family, but it maintains high commonality – of operation, training, parts and maintenance – with the rest of the range.

We ensure that the shelter configurations maintain airportability. And that whatever the adaptation, the excellence of Land Rover engineering is retained through our close association with specialist conversion companies.

The Defender 130's shelter adaptability offers an almost infinite number of varieties to match your requirements. Tell us your operational needs and we will find the solution.



RAPID REACTION VEHICLES

The Special Operations vehicle (SOV), which has been proven in service with NATO Special forces, is now joined by the new Land Rover Multi Role Combat Vehicle (MRCV).

Both vehicles are powered by a choice of the powerful, economical 2.5 TDi turbo direct injection diesel with intercooler or the legendary 3.5 V8 petrol engine.

The SOV has been specially developed to meet an increasing global need for rapid reaction, go-anywhere forces.

It has been based on the proven 110 defender chassis and is airpotable for rapid deployment. It can be carried in transport aircraft such as C130 or helicopters such as CH47 or EH101. It can also be underslung by heavy or medium lift helicopters or air dropped by parachute.

The SOV has a rugged, stripped down appearance and is a most formidable, all-terrain, weapons platform. A powerful mix of 30 mm cannon, 51 mm mortar, LAW 80, 7.62 mm general purpose machine gun, 5.56 mm assault rifles and 40 mm grenade pistols – or their equivalents – can be carried for the crew of up to 6 men.

The MRCV is Land Rover's answer to the need of rapid reaction forces for a versatile weapons platform or reconnaissance vehicle which retains general service capability. Thanks to a unique modular design, this multirole



vehicle combines the outstanding all-terrain performance of the Defender, the powerful weapons capability of the SOV with adaptability to perform load carrying duties; thus optimising its deployment, utilisation and value for money.

The vehicle will be available on 90, 110 or 130 chassis and may be converted in minutes using simple hand tools to one of seven distinct vehicle configurations, including pedestal mount, milan missile mount, multipurpose ring mount, and personnel or cargo carrying.



C U S T O M E R S A T I S F A C T I O N



Land Rover's aim is to achieve total customer satisfaction. With us, the customer comes first. It starts when we discuss your requirements, use our vast experience to interpret them and provide vehicles and support services that meet your needs. We are used to competing for business and undergoing rigorous trials. We expect it. And we are confident that we can meet your requirements and high standards with the latest generation of 4 x 4 Defenders.

We take care to ensure that your logistic support needs are understood and built into both product development programmes and after-sales back-up, providing a full integration of support activity. With us, support for your vehicle fleet is planned from the outset, giving you confidence in your logistics for as long as you need it.

Our expertise enables us to undertake total project management on your behalf, including training for your drivers and workshop personnel either at our facilities in the United Kingdom or at your own bases.

We focus on your needs with our specialist team, comprising of a dedicated government and military sales and marketing operation, a military

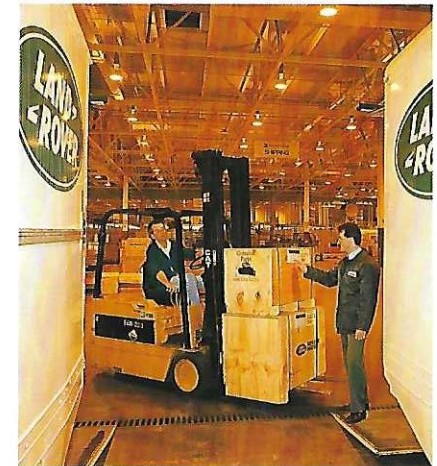
support operation, a world-renowned demonstration team, and our military engineering personnel.

Our support goes on throughout the long life of your Defender fleet with parts and support available wherever you are – worldwide.

Through the integrated – Land Rover Parts operation – we provide a dedicated service, computerised for rapid delivery, to Defender operators everywhere.

Years of experience and an intimate knowledge of the product enables us to provide the comprehensive range of genuine parts direct to you or through our worldwide distribution network. We and our global distributor dealer network are there to ensure that you, the customer, get the service and back-up you deserve.

The back-up that gives you reliability, efficiency and value for money throughout the long life of your Defender fleet. Quality support for a quality product. Total customer care aimed at achieving total customer satisfaction.



ENGINE DATA

		2.5 PETROL	3.5 PETROL	2.5 DIESEL	2.5 DIESEL TDi
ENGINE TYPE	Displacement cc	2495	3528	2495	2495
	Max Power DIN net KW (bhp) @ Rev/Min	62 (83) 4000	100 (134) 5000	51 (68) 4000	83 (111) 4000
	Max Torque (Nm(lb/ft)) @ Rev/Min	181 (133) 2000	253 (187) 2500	158 (117) 1800	265 (195) 1800
	No. of Cylinders	4	8	4	4

BODY STYLES AND EQUIPMENT

DEFENDER		GENERAL SERVICE			COMMAND CONTROL & COMMUNICATIONS			WEAPONS CARRIERS			ARMoured VEHICLE 110HD	AMBULANCE		RAPID REACTION		SHELTER
		90	110	130	90	110	130	90	110	130		110	130	90 MRCV	110 SOV	130
BODY TYPE	Hard Top	●	●	●	●	●	●	●	●	●	●	●	●			
	Soft Top	●	●	●	●	●	●	●	●	●						
	Pick-up	●	●	●				●	●	●						
	High Capacity Pick-up		●			●			●							
	Station Wagon	●	●		●	●		●	●		●	●				
	Box Body			●			●						●			●
	Crew Cab			●			●			●						●
	Armoured/Weapons fit ▲										●			▲	▲	
	Chassis Cab							●	●	●		●	●	●	●	●
ELECTRICAL SYSTEM	12v	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	24v	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	12/24v	●	●	●	●	●	●	●	●	●		●	●	●	●	●
FEATURES	Communication Equipment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Electric Equipment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Equipment Stowage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Additional Fuel Tank		●	●		●	●		●	●	●	●	●	●	●	●
	Black Out Lighting	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Military Paint	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Towing Equipment	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	Tyre Options	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Winches/Power Take Off	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	Winterisation	●	●		●	●						●	●			
	Air Conditioning 12v	●	●	●	●	●	●	●	●	●	●	●	●			
	Air Portability	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	Heli Lift	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	Small Arms/Kit Stowage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Variations to the vehicle specifications and equipment, to those listed above, are available to meet your own specific operational requirements. Please consult your Land Rover Distributor or dealer, or Land Rover direct (see back cover for contact details).

VEHICLE DATA

DEFENDER		90	110	130
TRANSMISSION	Permanent 4 wheel drive through 5 speed manual. All synchromesh gear box and 2 speed transfer via centre lockable differential.	●	●	●
	10 forward ratio 2 Reverse			
CLUTCH	Single dry plate Hydraulic operation	●	●	●
SUSPENSION/AXLES	Live beam axles and dual rate coil springs with telescopic hydraulic dampers.	●	●	●
BRAKES	Servo assisted Disc/Disc	●	●	●
CHASSIS	Welded box section longitudinal members with box section and tubular section crossmembers.	●	●	●
BODY	Primarily Aluminium Alloy – door frames and other minor items in treated/corrosion resistant steel.	●	●	●
STEERING	Manual	●	●	
	Power Assisted	●	●	●
	Right or Left Hand Drive	●	●	●
DIMENSIONS/WEIGHTS	Wheel Base mm	2360	2794	3226
	Overall Width mm **	1790	1790	1790
	Overall Length mm **	3883	4438	5132
	Cab Height mm **	2035	2035	2035
	Cargo Bed Length mm **	1140	2010	2580
	Cargo Bed Width mm **	1430	1670	1865
	GVW Kg	2550	3050 (3500 Heavy Duty)	3500
CAPACITIES	Fuel Capacity Standard	54 litres	80 litres	80 litres
SEATING	Maximum	7	11	14
PERFORMANCE	Turning Circle Kerb to Kerb	11.7 m	12.8 m	15.0 m
	Approach Angle **	48°	50°	50°
	Departure Angle **	49°	35°	35°
	Ramp break over angle **	150°	152°	155°
	Max Gradient (EEC Kerb Weight)	45°	45°	45°
	Minimum Ground Clearance	191 mm	215 mm	215 mm
	Wading (without preparation)	600 mm	600 mm	600 mm
TOWING	Unbraked Trailer Kg	750	750	750
	Trailer with overrun brakes Kg	3500	3500	3500
	4 wheeled trailer with coupled brakes up to:	4000	4000	4000

** Nominal data quoted: this may vary according to the vehicle specification, equipment, and usage required.

This publication is for international usage and while Land Rover take the utmost care in ensuring that all details in the publication are correct at the time of going to press, we are constantly striving for improvement and therefore reserve the right to alter model specifications and equipment without notice. Details of specifications and equipment are also subject to change to suit local conditions and requirements and not all models are available in every market. Please consult us or your Land Rover distributor/dealer who will be pleased to advise you on current specifications. Distributors and dealers are not agents of Land Rover and have absolutely no authority to bind Land Rover to any express or implied undertaking or representation. This brochure does not constitute an offer for the sale of any particular vehicle.



BY APPOINTMENT
TO HM THE QUEEN
MANUFACTURERS OF ROVER CARS
LAND ROVERS AND RANGE ROVERS
ROVER GROUP LTD. BIRMINGHAM



BY APPOINTMENT
TO HRH THE DUKE OF EDINBURGH
MANUFACTURERS OF
LAND ROVERS AND RANGE ROVERS
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BY APPOINTMENT
TO HM QUEEN ELIZABETH THE QUEEN MOTHER
MANUFACTURERS OF LAND ROVERS
ROVER GROUP LTD. BIRMINGHAM



BY APPOINTMENT
TO HRH THE PRINCE OF WALES
MANUFACTURERS OF
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