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Landrover 130

# Mobile Laboratories Specifications



# Wagtech Mobile Laboratory

Land Rover Defender 130. Featuring full Quadratech Conversion

## VEHICLE SPECS:

- Land Rover Defender 130 Single Cab Chassis MY10
- 2402cc turbo diesel engine with manual transmission.
- Compressor Ratio: 19.5-1, Overhead valves
- Heavy duty air filters for very dusty conditions with cyclone type pre-cleaner

## FUEL SYSTEM:

- Direction injection, Ideal for quick acceleration
- Long range fuel tank 127 litre capacity
- Raised Air Intake

## TRANSMISSION:

- 6 forward gears and 1 reverse
- 4 x 4 Drive
- Conventional type of transfer case
- Manual gearshift
- Lockable differential when low gear is engaged
- Single dry plate clutch hydraulic operation

## FRONT & REAR SUSPENSION:

- Double wishbone coil spring suspension
- Heavy duty double acting shock absorbers

## FRONT AXLE:

- Permanent 4 Wheel Drive

## REAR AXLE:

- Low range differential is locked

## STEERING:

- Left hand steering
- Recirculation ball type LHD
- Heavy duty socket ends

## BRAKE:

- Disc brakes
- Parking Brake

## ELECTRIC SYSTEM:

- 12v system
- TDCi Ford "Puma" engine
- Front single head lights with halogen bulbs
- Lighting system to International Traffic Laws

## GROUND CLEARANCE:

- Not less than 300mm

## TYRE & ROAD WHEELS:

- Michelin XZL 750R16 Tyres
- 2 spare tyres supplied, 1 on roof, 1 on back door

## INCLUDED ACCESSORIES:

- Power take off attachments at rear
- WARN M6000 Electric winch at front bumper
- Basic Tool kit
- Hi lift mechanical jack
- Tyre inflation pump
- Radio CD
- Cubby Tray
- Mudguards front and rear
- Interior & external mirrors

## MISCELLANEOUS:

- 2 sets of keys provided
- Hi-Lift Jack & Standard Jack mounted on roof as safer option
- All timber treated & painted Chawton White
- Cab fitted with door-mounted rear view mirrors, internal lights & rear view mirror
- Double skin tropical, insulated roof
- Painted Chawton White
- Cooling system: water cooled
- Heavy duty, maintenance free batteries
- Lockable fuel cap
- Two seats in cab
- 2 Years Parts Pack
- 3 Years International Warranty or 100,000kms, whichever comes first



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#### SAFETY:

- Conforms to current safety regulations
- Conforms to requirements of the highway regulations
- All moving parts properly guarded to allow observation & servicing
- Laminated windscreen, twin windscreen wipers, washers and sun-visors
- Hydraulic Brakes with warning light
- Seat Belts included
- Full air conditioning
- Lamps fitted with lamp guards

#### INSTRUMENTS:

Supplied with the following as standard:

- Indicating gauges for Odometer, Speedometer marked in km/hr, Water temperature gauge, Fuel level gauge, Low oil pressure warning light, No charge oil light



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The Vehicle is converted to create a comprehensive Mobile Laboratory Unit with the following features:

- Mount coated subframe & fitted with modular body of insulated laminated panelling with heavy duty light alloy internal and external extrusions.
- Fold down rear step to right hand side entrance with window in door.
- Cassette mounted Vanexe room 3.0M x 2.5M with 3 windows, zip up doors & base frame.
- 12mm Phenolic ply floor overlaid with aluminium tread-plate
- 2 x fluorescent lights and switches in saloon
- Sliding window to left hand side with security grille
- Galvanised roof rack, base covered in aluminium tread-plate
- Access ladder
- Extraction fan at rear
- External Generator locker at rear with 2.5kva generator
- External Locker for clean and dirty water containers
- Fridge/Freezer - 156L/16L fitted right hand front
- Worktop to left hand wall & front with lockable cupboard over with shelves & stowage
- Teal 12V Hand Wash Unit with 5Ltr Tank at left hand centre (Heater operates when engine running)
- Corner cupboard with shelf & 4 lockable drawers LH front
- Desk area with fold-away swivel chair





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Illustrations showing bespoke laboratory conversion

