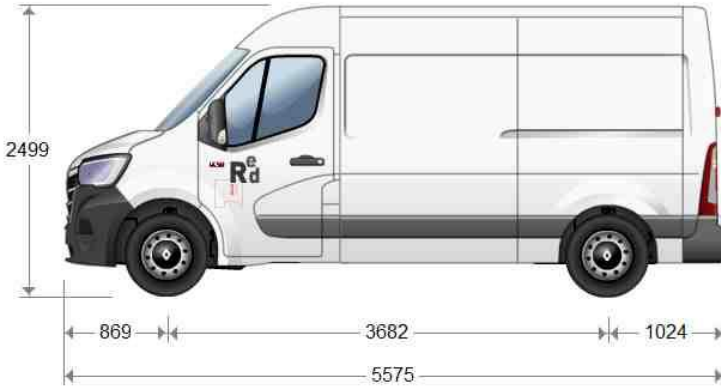


## MASTER RED - VAN FWD 3T5 E6 - L2H2 - GVW 3.5 T /



### WEIGHTS

Wheelbase		mm	3.682
Kerb Weight	total	Kg	2173
	Front axles (Liftable axle down)	Kg	1396
Chassis cab kerb weight	Rear axles (Liftable axle down)	Kg	777
	Payload (C)	Kg	1327
Maximum Weight (registered)	Front axle(s)	Kg	1850
	Rear axle(s)	Kg	2100
	Total (GVW)	Kg	3500

This table includes the weights of the RENAULT TRUCKS options: full urea tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (75 kg)

### LENGTHS

Wheelbase		mm	3.682
Overall Chassis Length	(F / BEP L011)	mm	3682
	(A / BEP L001)	mm	5575
Front Overhang	(H / BEP L016)	mm	869
Rear overhang	Chassis	mm	1024

### HEIGHTS

Wheelbase		mm	3.682
Cab height (unladen)	(O)	mm	2499
Ground clearance, laden	Front (U1 / BEP H015)	mm	185
	Rear (U3 / BEP H016)	mm	185

### WIDTHS

Wheelbase		mm	3.682
Track	Front (V1 / BEP W013.1)	mm	1750
	Rear 1 (V2 / BEP W013.2)	mm	1730
Max. cab width	(BEP W002)	mm	2070

### OTHER

Wheelbase		mm	3.682
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PERSONALISED SPECIFICATION SHEET

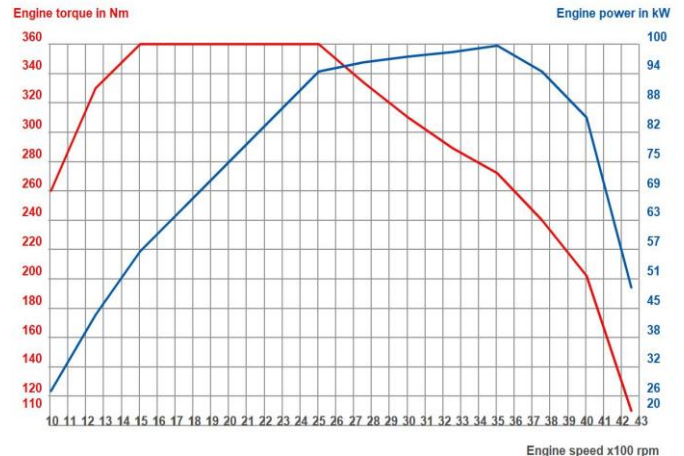
load length (Z1)		mm	3083
Turning Radius	Overall (BEP W012)	mm	7050
Max Interior Volume		m <sup>3</sup>	10
Rear Door Height		mm	1820
Interior Height		mm	1894
Entry width, top of rear door		mm	1577
Entry width, base of rear door		mm	1580
Side door height		mm	1780
Side door width		mm	1270

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## ENGINE

*Diesel 4-cylinder in-line with high-pressure Common Rail direct injection (2200 bar)*  
*Bore 85 mm - Stroke 101.3 mm - Displacement 2.3 L*  
*Cooled air intake*  
*Twin water-cooled turbochargers*  
*Cooled EGR system*  
*Chain-driven timing*  
*Maximum power: 135 hp/99 kW at 3500 rpm.*  
*Maximum torque: 360 Nm between 1500 and 2500 rpm.*  
 Direction of rotation (seen from gearbox end): anti-clockwise  
 Diesel Particulates filter.  
 SCR post-treatment pollution control system with AdBlue injection controlled electronically  
 Optimised CO2 emissions level  
 Coolant: antifreeze protection to -25°C



## ENGINE EQUIPMENT

ECO mode: engine mapping and torque control and optimisation of temperature comfort settings  
 Without engine Power Take Off.  
*Speed limiter (110 km/h)*

## CLUTCH

Single disc dry clutch, diameter 260mm

## GEARBOX

PF6 gearbox, 6 synchronised forward gears and 1 reverse  
 Aluminium casing

## POWER TAKE-OFF

Without gearbox mounted PTO

## STEERING

Retractable rack and pinion steering with collapsible steering in case of impact  
 Hydraulic assistance with electric pump  
 Right hand drive.

## FRONT AXLE

Independent wheels.  
 Lower wishbone.  
 MacPherson suspension system.  
 Maximum load on front axle 1850 kg.  
 Transmission to front wheels by 2 shafts each with 2 constant velocity joints.

## REAR AXLE ASSEMBLY

Rigid tubular axle guided by leaf springs.  
 Max. technical capacity: 2100 kg

## WHEELS AND TYRES

Fit standard tyres.  
 Wheels 16"  
 225/65 R16 tyres.  
 J 6.5 wheel rims.  
 (Tyre make depending on availability).  
 Single wheel fitment.  
 Standard wheel trims  
*Spare wheel with jack*  
*Spare wheel carrier under body with winch*

## Service brake:

Disc brakes: 302x28 ventilated at the front, 305x12 at the rear.  
 Anti-lock Braking System (ABS) with Emergency Brake Assist (EBA)  
 Trajectory control regulated according to the trailer and vehicle load (ESP) including:  
 anti-slip regulation (ASR)  
 Hill Start Assist (HSA)  
 Side Wind Assist (SWA)  
 improved grip over challenging terrain (Extended Grip)

## CAB

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### Cab exterior:

All steel Cab, electro-zinc plated and cathoretic paint treatment.  
Cab paint colour: Mineral White  
technical code: 01395  
Body colour roof (if standard paint).  
Bonnet lift to give access to oil dipstick, windscreen washer bottles, cooling and brake fluid reservoirs plus the offset battery terminals.  
Anthracite grained front protective moulding.  
2 heated, remote control rear view mirrors with integral indicator lights.  
Standard door mirror arms  
Front access by anti-slip step  
Windscreen access steps integrated into front bumper  
Rear access by two hinged doors, opening to 180°  
Sheet metal side panels.  
Access by LHS sliding, steel panel door.  
Right-hand sheet metal side panel.  
Front anti-spray mud flaps

### Cab interior:

Panel van.  
Chrome interior and exterior finishing  
Height H2  
Upper console large storage areas  
Without tachograph  
Adjustable driver's seat  
Dual passenger seat.  
Lifting driver's armrest  
Carbon seat trim fabric  
Fabric seat upholstery charcoal with white over stitching  
Driver's airbag.  
Grab handle for front passengers.  
Refrigerated glove box  
7 l refrigerated glove compartment  
Opening of the doors controls the courtesy light and sets off audible alert if light left on.  
Driver's window with impulse control.  
Screen wash fluid European area  
Adjustable 4-speed, 6 positions, heater/ defroster for windscreen and front side window demisting.  
Air conditioning unit  
Driving compartment filter, anti-pollen  
Manual in English  
Panelled bulkhead partition between cab and load area.  
Insulating partition trim  
Rear and side grab handles  
3-position front windscreen wiper/windscreen washer.  
DAB vehicle radio (Digital Audio Broadcasting) with Bluetooth & USB connections

### Instrument panel:

Fully equipped instrument panel including:  
0.6 l centre storage compartment and large cup holder  
On-board computer integrating:  
speedometer and tachometer with 3.5" monochrome screen configurable for:  
fuel level, consumptions, AdBlue level, trip meter and odometer, temperatures  
*Rear reversing radar sensors with Camera display in interior rearview mirror*  
Remote control central door locking.  
*3rd ignition key*  
2-button folding key  
Cruise control with speed limiter with steering wheel controls  
Rational driving aid.

### ELECTRONIC EQUIPMENT:

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SAE cab socket for vehicle data extraction

### ELECTRICAL EQUIPMENT

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Alternator: 185 amp capacity.  
Automatic windscreen wiping with rain sensor and automatic illumination of lights  
LED front halogen daytime running lights  
Two wide-angle reversing lights and one rear fog light.

### CHASSIS

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Short rear overhang.  
GVW = 3.5T / GCW = 6T  
=>Maximum trailer weight: 2500 kg

### SUSPENSION

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#### Front suspension

Helical suspension springs. Hydraulic, telescopic shock absorbers.

#### Rear suspension:

Single-leaf steel suspension  
Straight shackles  
Additional spring with polyurethane bump stop

### FUEL TANK

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*Main fuel tank capacity: 105 litres*  
Secured access to fuel and AdBlue filler flaps

### AdBlue

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28-litre AdBlue tank

### STANDARD EQUIPMENT

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Tool kit under driver's seat.  
Towing yoke  
Jack

## **BODYWORK**

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Fixing point on floor

## **SPECIAL OPTIONS**

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PDI + Delivery

## **GEARBOX RATIOS**

PERSONALISED SPECIFICATION SHEET

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1	2	3	4	5	6
4.18	2.11	1.29	0.98	0.76	0.64

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