

RENAULT PREMIUM 320.19 4X2 D R chassis with crew cabin - NEW

GVW 18T

GCW 21.5T

WEIGHTS

Wheelbase mm 4.500

GVW Kg 18000

Body/Payload Allowance Kg 11776

Kerb Weight Total Kg 6224

Kerb Weight Front Kg 4049

Kerb Weight Rear Kg 2175

Maximum Front Axle Load Kg 7100

Rear Axle Max Load Kg 11500

This table includes the weights of the selected RENAULT TRUCKS options and a FULL tank of fuel. Allowance for driver and passenger weight are NOT included. No representation is made concerning the weights, which are indicative only and subject to manufacturing tolerances.

DIMENSIONS:

Wheelbase mm 4.500

Body Length Max (W) mm 6675

Body Length Min (W) mm 5922

Max Rear Overhang (X) mm 2665

Min Rear Overhang (X) mm 1912

Max. Payload Centre of Gravity (Y) mm 1049

Centre of Gravity of Min Load (Y) mm 673

Max Overall Length (Z) mm 8585

Min Overall Length (Z) mm 7832

Body start position (B) mm 490

Wheelbase (F) mm 4500

Rear Overhang (N) mm 2290

Chassis Length (A) mm 8210

Frame height unladen (H2) with standard tyres mm 973

Frame height laden (H2) with standard tyres mm 948

Cab/ground height unladen (O) mm 2881

Front Overhang (H) mm 1420

Cab Width at wings mm 2500

Track Width Front mm 2010

Track Width Rear mm 1836

Width at rear axle mm 2504

Ground Clearance Front mm 184

Ground Clearance Rear mm 229

Frame Width Rear mm 850

Frame Width Front mm 1080

Swept Turn Radius mm 8670

This table includes the weights of the selected RENAULT TRUCKS options and a FULL tank of fuel. Allowance for driver and passenger weight are NOT included. No representation is made concerning the weights, which are indicative only and subject to manufacturing tolerances.

DXi7 ENGINE

Maximum power: 315hp (235 kW) at 2300 rpm.

Maximum torque: 1200 Nm from 1200 to 1700 rpm. 6-cylinder in-line diesel engine - 4 valves per cylinder - Timing gear mounted in the rear.

COMMON RAIL high-pressure direct fuel-injection 1700 bars. Bore 108 mm - stroke 130 mm - capacity 7.2 litres.

Exhaust turbocharged with air/air intercooler.

Rotation : anti-clockwise

Oil capacity : 25.9 l including filtration.

CEE EURO3 pollution control level.

Fuel prefilter and oil separator with bleed control on dashboard, via display menu

Antifreeze protection: -25°C.

Soundproofing level complies with EEC standards (80dB)

ENGINE EQUIPMENT

Electronic idling control.

Cold starting -15° C.

Without engine Power Take Off.

CLUTCH

Without Clutch

GEARBOX

Allison automatic gearbox 3000, 6 speed with torque converter. Ratios: 3.49 - 0.65.

Controlled by touch pad.

2 configuration modes: ""eco"" and ""dynamic""

Lock-up function.

RETARDER

OPTIBRAKE :

Combination of exhaust brake and valve compression braking. Full electronic management (power: 188 kW at 2800rpm), coupled to service brake.

POWER TAKE-OFFS

Gearbox PTO located on upper side at 13h. Outlet : DIN562 splined shaft for flanged pump.

Rotation : as engine.

Torque 535 Nm.

Ratio : 1.975

STEERING

Right hand drive.

Hydraulic steering box with variable step-down power assistance.

AXLE

Front axle: E 72 A, 125 mm offset.

Load capacity (technical max.) Front axle: 7.1 t.

REAR DRIVE AXLE

P13150 rear axle with single reduction.

Rear axle hypoid ratio 7 x 36 (ratio 5.14).

Inter-wheel diff. lock, engagement possible at low speeds (managed by EBS).

WHEELS AND TYRES

G.315/80 R 22.5 RHS2/RHD2+

Steel disc wheels.

Wheel nut protection covers.

Spare wheel with jack, delivered loose.

EBS+:

Parking brake:

BRAKING

Service brake:

Air/electric braking system, with 2 independent circuits, electronically managed (EBS).

All disc brakes.

Electronic management of air production by APM (Air Product Management):

Dryer cartridge optimised by preventive maintenance. Twin-cylinder air compressor 720 cm³.

Aluminium air tanks.

Without rear trailer coupling.

- Anti-wheel lock braking system (ABS).
- Emergency braking assist (AFU).
- Anti-wheel spin (ASR).
- Drag torque control (Torque control during downshifting). - Brake harmonisation of tractor and trailer.
- Hill star assist.
- Brake pad wear balancing.
- Brake performance warning.

With air control, immobilisation ensured by spring cylinders. Parking brake warning (not engaged).

Hand brake valve.

Emergency brake:

Ensured by independence of main device circuits

CAB

Cab exterior:

All steel Cab, electro-zinc plated and cataphoretic paint treatment. Day Cab (1.6)

Cab paint colour: RED Ral 3000

Front grille fitted with aerated section.

Anti-spray mats

Cab-colour moulding with chrome interior lights and integral fog lights.

Front shield integrating windscreen access step.

Four point cab air suspension.

2 manually adjustable external rear view mirrors.

Wide angle rear view mirror.

Kerb view mirror.

Front view mirror.

Twin air horns - roof mounted.

(instead of horn)

Roof-level air intake.

Air intake ducting on right side of roof.

Manually operated roof hatch.

Access to driving position by 2 stepwell steps.

Step lighting.

Translucent sunvisor, provision for additional lights. Athermal windows.

Without glazing to back of cab.

2 orange revolving beacons.

Battery capacity: 170 Ah

24V voltage supplied by two batteries. Master switch and fuse box in battery tray. Alternator : 100 amp capacity.

Halogen headlights

Lighting to EEC standards.

Headlamp levelling control.

Electrical headlamp washer.

Front fog lights.

Cab interior:

Standard roof with storage lockers:

- 2 ISO modules

- 2 storage boxes (50-litre)

Storage box with net cover

Driver's seat air suspended with seat-mounted safety belt and integrated headrest.

Adjustable passenger seat with seat belt.

Soft door lining

Oddments tray in doors.

Cab lighting time-delay.

Air blower socket on gearshift console.

First-aid box in tool box.

2 electrically operated window controls.

Cab soundproofing.

Air conditioning for dusty conditions.

Handbook and Service pack in English Export.

Radio pre-equipment including wiring, antenna and loudspeakers. 2 Kg extinguisher on wheelhousing, accessible from inside and outside the cab.

CHASSIS

Chassis width : 1080 mm at front, 850 mm at rear. Sidemember section: height 300 mm, width 90 mm, thickness 7 mm.

Standard rear overhang, pre-pierced for bodybuilder.

A removable front trailer yoke, two towing points.

Without rear under-run bar .

Chassis rear closing crossmember.

Engine air filter with easily removable cartridges.

Wings fitted in standard position.

Chassis frame protection by grey coloured epoxy paint.

Steering wheel equipment:

Adjustable, 4-spoke steering wheel.

2-speed windscreen wipers with incorporated wash jets and intermittent wipe.

OPTIBRAKE and retarder control.

Brake adjustment:

Instrument panel:

Wrap-around instrument panel comprising (for long cab):

- large central storage.
 - drawer (capacity 2 litres), transformable into ISO module for supplementary equipment.
 - storage tray chilled by air conditioning (capacity 9.4 litres) with cup holder.
 - cup or movable ashtray location.
 - A4 size paper storage space (capacity 10 litres).
- Digital display with :
- speedometer, radio information, clock, outside temperature.
 - Driving information.
 - Driver warning messages and various menus.

- Full display matrix.

Analogue screen :

- Central rev counter showing economic operating band, fuel, air pressure and water temperature gauges.

- Double indicator flashers (tractor and trailer).

- Function and warning lights.

- Anti-glare window.

Remote radio controls at steering wheel.

- Adjustable screen lighting intensity.

Odometer in miles and kms

Digital tachograph.

12 V + 24 V socket on dashboard, for accessories.

Delayed cab lighting.

2-position remote control: doors (1st press) - master switch (2nd press).

Diesel system purge control (decanter)

Normal engine tunnel.

FMS Gateway fleet management interface.

Automatic brake lining slack compensation.

ELECTRICAL EQUIPMENT

D- shaped 560.

Filler cap locking with key

Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

STANDARD EQUIPMENT

Side exhaust.

Tool kit.

Warning triangle.

Reversing warning buzzer, including night switch.

BODYWORK

Bodybuilder access through bulkhead

Chassis air intake for bodybuilder

Provision for bodybuilder electronic box interface.

SUSPENSION

Front suspension

Parabolic leaf springs (7.1 t) maintenance free.

Rear suspension:

Air suspension control on dash board. Air suspension.

Suspensions stroke : 250 mm. Stabiliser bar

Telescopic shock absorbers. Rear suspension capacity: 13 t.

FUEL TANK

Main aluminium tank

Main fuel tank: 255 litres capacity (206 kg of diesel).

GEARBOX RATIOS

12

3456

3.49 1.86 1.41 1.00 0.75 0.65

PERFORMANCE

Engine speed at 90 km/h: 1527 rpm

The manufacturer reserves the right to modify the specifications above without prior notice. Non contractual document.

SPECIAL ADAPTATION

Crew Cab with 4 doors and 8 seats