

RENAULT  
TRUCKS  
DELIVER

# RENAULT PREMIUM LONG DISTANCE

[www.renault-trucks.co.uk](http://www.renault-trucks.co.uk)



# RENAULT PREMIUM LONG DISTANCE BUILT FOR EFFICIENT TRANSPORT

Whatever the application, on-demand consignments, tanker or refrigerated transport, Renault Premium Long Distance is the truck of choice. Powerful, imposing and stylish, it has all the attributes for long-haul applications and stands out as the leader in the long distance transport sector.





Renault Premium Long Distance now has new power ratings of 380, 430 and 460 hp producing even more torque. Its new generation driveline helps deliver class-leading fuel efficiency and one of the best payloads on the market.

POWER  
RATINGS UP TO  
**460<sub>hp</sub>**

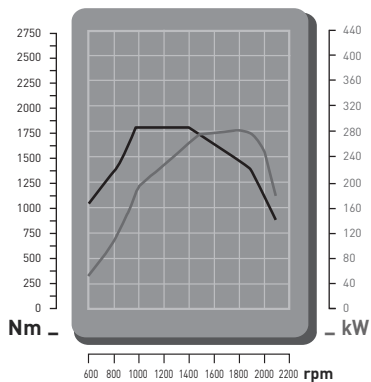
LEADING  
THE WAY IN FUEL  
EFFICIENCY

FUEL CONSUMPTION

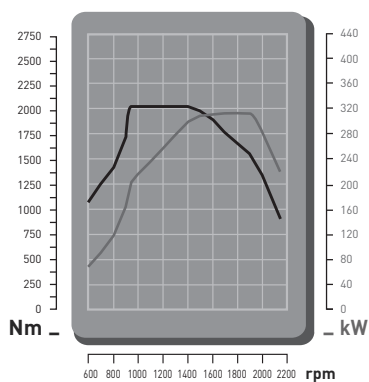
AMONG THE BEST ON THE MARKET



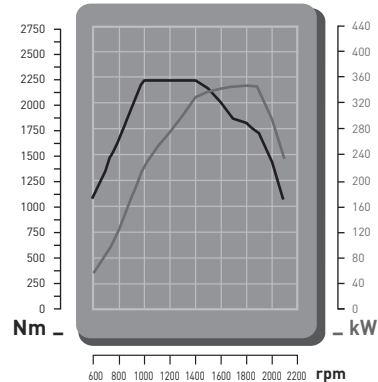
380 hp - DXi11



430 hp - DXi11



460 hp - DXi11





## OPTIFUEL SOLUTIONS

With Optifuel Solutions, Renault Trucks offers the most effective services and technologies to reduce fuel consumption: optimised drivelines, the **Optidriver+** automated gearbox\*\*, the SCR solution and economic driver training with the Optifuel Training Programme and Optifuel Infomax.

## NEW ENGINES: FUEL EFFICIENT AND MORE POWERFUL

Renault Premium Long Distance now has the latest DXi11 Euro 5 engines with power ratings of 380, 430 and 460 hp. These engines have been designed to provide optimal fuel efficiency, combined with excellent acceleration, torque and driving pleasure.

For even greater fuel efficiency, Renault Premium Long Distance can be fitted with an optional engine stop function. This feature automatically shuts down the engine when it has been idle for more than five minutes if the parking brake is engaged, no power take-off units are activated and the engine is at normal operating temperature.

## **Optidriver+** GEARBOX\*\* EASIER AND MORE ECONOMICAL DRIVING

The **Optidriver+** automated gearbox\*\*, with its new management software, ensures optimal driving conditions and helps you take control of your fuel budget. The appropriate gear is automatically selected in relation to engine speed, eliminating gear changing errors and any risk of under or over speeding. With less moving mechanical parts, maintenance is greatly reduced and the clutch delivers longer service life.

## RENAULT TRUCKS USE SCR TECHNOLOGY

SCR (Selective Catalytic Reduction) is an exhaust gas after treatment process that employs the aqueous urea solution, AdBlue. The technology helps reduce pollutant emissions, requires little servicing, has no impact on service intervals and is not affected by the quality of the fuel used. SCR technology also helps reduce fuel consumption when used with Renault Trucks' DXi engines.

In order to meet the EEV standard (Enhanced Environmentally-Friendly Vehicle), Renault Trucks has developed a solution without a particulate filter\*\*\*, that is easy to use and affordable to service.



OPTIDRIVER+:  
**60 KG**  
MORE  
PAYLOAD\*



UP TO  
**2,200<sub>Nm</sub>**  
OF TORQUE

\* compared to the manual gearbox

\*\* option

\*\*\* available from September 2009 depending on engine

## BEHIND THE WHEEL: GET ON BOARD

### ERGONOMIC DASHBOARD LAYOUT

The functional, wraparound layout of the dashboard places all controls within easy reach of the driver. Storage compartments are easy to access and the driving position is ideal for long journeys.

Renault Premium Long Distance has a digital display with a central rev counter to give the driver a perfect view of every vital piece of information: speed, brake tank pressure, engine speed, water temperature and fuel levels. Available in Basic and Comfort versions, it gives access to the different menus and warning messages, and also information on the new fifth-wheel locking function and AdBlue levels.



### CLEAR VIEW OF THE ROAD AHEAD

Renault Premium Long Distance features a generously-dimensioned, unobstructed windshield, and low-cut side windows to give the driver a panoramic view of the road and better side visibility at all times. This offers a level of comfort and safety that is just as critical in urban traffic as it is for long-haul applications. Two independent, anti-vibration rear view mirrors, a conventional main mirror and a wide-angle mirror, are mounted on both driver and passenger sides to give the driver an optimal field of vision to the rear of the vehicle. A forward-facing mirror completes the high level of visibility towards the front of the vehicle.

ALL CONTROLS  
WITHIN  
EASY  
REACH

### A NEW NOTION OF SPACE

The Renault Premium Long Distance cab features a range of interior components to give both the driver and passenger a high level of comfort and greater freedom of movement:

- Easy movement within the cab with the repositioning of the gear lever in **Optidriver+** versions
- Suspension seats or high-comfort seats (heated, lumbar support), leather seats optional
- Storage compartment on the dashboard cooled by the air conditioning, (capacity 9.4 l)
- Storage area or refrigerator under the bunk
- Cup holders and removable ash tray
- Comfortable, spacious bunk
- Television tray standard on passenger side (on high roof version)
- 5-CD changer and 12 and 24 V sockets for portable equipment (depending on version).



NEW  
INTERIOR  
TRIM COLOURS



Dashboard shown not available in the UK.

## **Optidriver+** AUTOMATED GEARBOX\*: COMFORT AT YOUR FINGERTIPS

The electronically-controlled clutch makes driving easy and pleasurable. The steering-column mounted cluster switch and the dashboard display of the gear engaged and the operating mode further enhance overall driving comfort. The driver can complete his tasks effortlessly and is able to give his full attention to the road.

## A NEW ATMOSPHERE

Renault Premium Long Distance features a new interior trim design. Warm, vibrant shades and dirt-resistant materials make for a more pleasurable in-cab experience.

\* option





## UNMATCHED ROAD-HOLDING

A wide chassis and air suspension give unsurpassed stability and exemplary road-holding to the Renault Premium Long Distance. The air-suspended cab affords both safety and comfort.

## HIGH-PERFORMANCE BRAKING

Renault Premium Long Distance is equipped with the latest generation of electronically controlled EBS (Electronic Braking System). It makes hill starts easier but it can also check the brake system as well as the temperature of the brake discs at any time.

ESP (Electronic Stability Program)\* comes into play the moment the truck loses grip with the road surface and takes control of each wheel individually in order to stabilise the vehicle. The power transferred to the driving wheel is reduced so as to minimise the risks of skidding, especially on wet surfaces or on corners.

The **Optibrake** engine brake\* delivers a retardation power of 303 kW at 2,300 rpm, making it the most powerful and reliable in its class.

Renault Premium Long Distance gives you one of the best braking systems on the market.

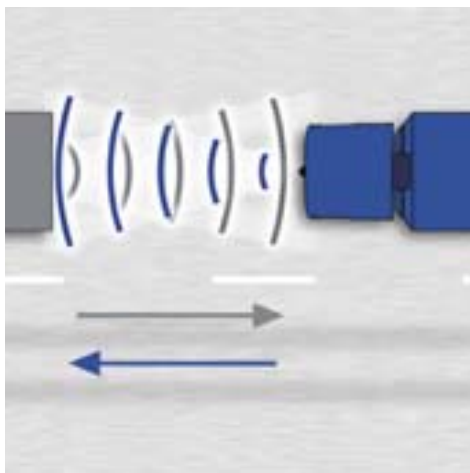
OPTIBRAKE:  
303kW  
BRAKING  
POWER



## ANTI-COLLISION AND DRIVING AID SYSTEM\*

Renault Premium Long Distance boasts a very sophisticated driving aid system\* that is adapted to all types of transport, and in particular hazardous materials transport. It has the ability to detect whether the vehicle has suddenly changed lanes, crossed a white line or is running too close to the vehicle ahead. In these instances, the system triggers a visual or audio alarm in the cab.

DECELERATION OF  
7<sup>\*\*</sup>  
m/s<sup>2</sup>



\*option

\*\*with the main braking system

## THE CHAMPION OF VERSATILITY



### CHOOSE YOUR PROFILE

Renault Premium Long Distance is available in a range of configurations, providing a truck that is right for you and your needs:

- Rigid 4x2 and 6x2: 13 wheelbases from 3.7 to 6.8 m
- Tractors 4x2: 3 fifth-wheel heights (1,250/1,040/950 mm); 2 wheelbases (3.7 and 3.9 m) and high volume (3.7 m)
- Tractor 6x2 pusher.

### BODYBUILDING MADE EASY

Renault Premium Long Distance rigids are designed so bodybuilders can carry out the quality work demanded by customers.

The upper surface of the chassis is smooth and unobstructed to avoid interference between bodywork and truck components. Side members are pre-drilled so the rear cross member can be repositioned to adjust the overhang.



## DAY CAB OR SLEEPER CAB

Renault Premium Long Distance has two types of cabs:

- Day cab (depth 1.6 m)
- Sleeper cab (depth 2.2 m) available in 2 versions: normal roof and high roof.

Sleeper cabs offer the space and comfort needed to live and sleep onboard the vehicle.

**13**  
WHEELBASES  
FROM 3.7M TO 6.8M

**1,300L**  
FUEL TANKS





## CABS

2 cab versions: Day and Sleeper.

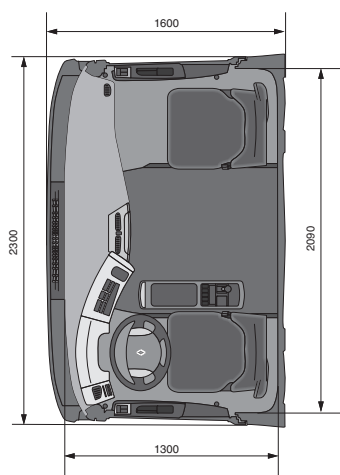
Three trim levels on offer:

- **Alliance:** available in normal and high roof with standard equipment - hinged side deflectors on tractor, pre-equipment for sun visor, remote door locking, wrap around bumper and stepwell coloured to match the cab, electric roof vent, cab-contour and separation curtain, manual air-conditioning, mono CD radio, 12 V socket, television tray with 24 V socket, parking brake buzzer.
- **Privilege:** available in high roof only, includes, in addition to the features of the Alliance package - bunk storage drawer, high roof with storage, adjustable deflector, sun visor, remote door locking and main cut-off switch, captain's seat for driver, telephone pre-equipment, stand-alone heater, radio remote control.
- **Excellence:** available in high roof only, includes, in addition to the features of the Privilege package - deluxe steering wheel, side fairings, MP3 radio and Bluetooth, refrigerator, xenon headlights, headlight washer, two-tone deluxe sun visor.

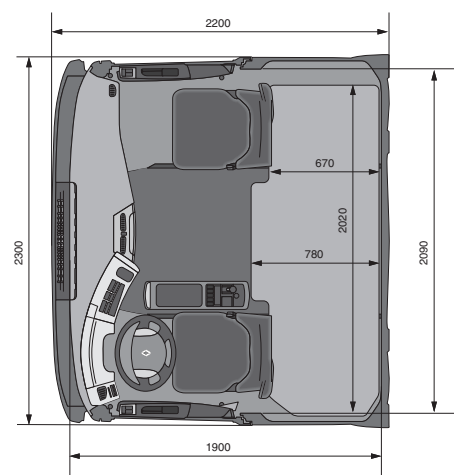
## ENGINES

### DXi11 Engine

10.8 litre, high-pressure injector pump electronic injection engine. Power ratings meeting Euro 5 and EEV standards: 380, 430 or 460 hp. Rear-mounted timing gear. Turbo charger with 'wastegate' for 430 and 460 hp power ratings.



Day cab



Sleeper cab



### 380 DXi

Power rating: 280 kW at 1,800 rpm.

Torque: 1,800 Nm from 950 to 1,400 rpm.

### 430 DXi

Power rating: 316 kW at 1,800 rpm.

Torque: 2,040 Nm from 950 to 1,400 rpm.

### 460 DXi

Power rating: 338 kW at 1,800 rpm.

Torque: 2,200 Nm from 950 to 1,400 rpm.

Renault Trucks has chosen the SCR (Selective Catalytic Reduction) post-treatment system to comply with the Euro 5 Standard. This consists of several elements:

- AdBlue tank
- AdBlue dosage module
- Silencer enabling NOx catalysis to take place
- AdBlue injector in the exhaust
- Sensors ensuring the entire system is operating normally detecting NOx, AdBlue levels and temperatures.

**Automatic Engine Stop\***: this system automatically shuts down the vehicle's engine when it has been idle for more than five minutes, the parking brake is engaged, no power take-off devices are engaged and the engine is at normal operating temperature.

A pictogram on the display screen alerts the driver before the engine is shut down.

## GEARBOXES

Seven gearboxes are available: 4 manual gearboxes and 3 automated gearboxes.

Manual gearbox with **Super H** pattern control: speeds 5 to 8 superimposed onto speeds 1 to 4.

\* option

To move from one speed range to the other, simply press the button on top of the gear lever.

The Servoshift takes up 75% of the effort.

These 8 speeds are split into 16 half-speeds. A solenoid valve protects the system against gearshifting errors.

The Driving Monitoring System gives a continuous, real-time display of the gear engaged as well as of the optimal gear.

**Optidriver+** automated gearbox\* (12 speeds) with steering column mounted control.

## DRIVE AXLES

**P 13170/2 single-reduction drive axle**

**P 1361.7 double-reduction drive axle**

Available for severe applications.

## CHASSIS

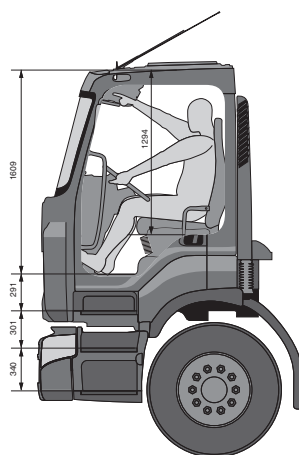
A broad range of wheelbases available. Side member thickness reduced to maximise payload capability or reinforced to handle severe applications.

**Tractors:**

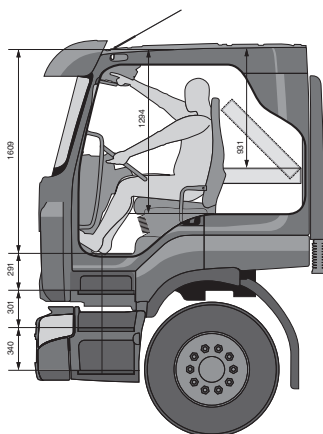
- 3 fifth-wheel heights to provide excellent adaptability: 1,250/1,040/950 mm.

**Rigids:**

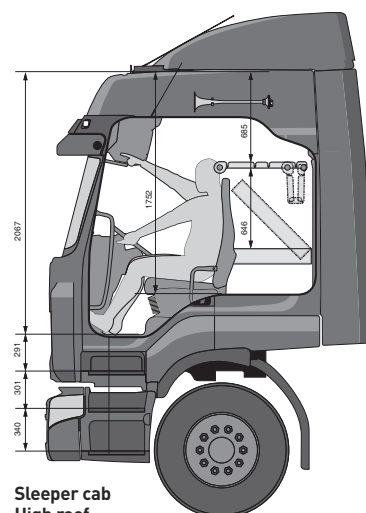
- 13 wheelbases: from 3.7 m to 6.8 m offering excellent adaptability
- Possibility for factory-built, under-slung cross member, for centre-axle trailers used for high volume applications with chassis heights of 850 mm.



Day cab  
Normal roof



Sleeper cab  
Normal roof



Sleeper cab  
High roof

## BRAKES

**APM** (Air Product Management): electronic air management system.

Front and rear **disc brakes** across the range, giving a long brake pad life.

**EBS** (Electronic Braking System): electronically-controlled air brake system that adjusts the brake pressure applied to each wheel to match road adherence conditions.

**EBS+\***: ABS, emergency braking assistance, ASR, engine brake management, hill-start management, differential lock control, brake pad wear balancing system, brake failure warning message. Even braking, traction test.

**Full EBS\***: EBS+ functions and ESP (stability control and anti-rollover control).

**Optibrake\*** combines exhaust braking integrated with the engine brake.

## RETARDERS

• **Intarder\*** for manual gearbox, hydraulic retarder fully integrated into the gearbox.

• **VOITH\*** for automated gearbox.

**Coupling of the different braking systems**: service brakes, engine brake, retarders.

The retarders may be coupled to the brake pedal.

## SUSPENSION

### Front mechanical suspension

2 configurations:

- suspension for front load of 7.1 t
- suspension for front load of 8 t.

**Front air suspension\*** helps maintain ride height and constant vehicle attitude.

2 configurations are offered:

- standard suspension
- lowered suspension (high volume).

Front stabiliser bar as standard.

**Rear air suspension** with height sensor control to ensure constant ride height.

Integral, or lowered integral air suspension for high volume transport. Rear stabiliser bar\*.

**ECS** (Electronic Control Suspension) manages and controls vehicle height and manages the third axle functions.

\* option



### GETTING YOUR VEHICLE BACK ON THE ROAD FAST

#### **Renault Trucks Approved Parts: original parts quality**

Approved Parts are designed and approved for Renault Trucks vehicles, the manufacturer is committed to maintaining its vehicles' original performance.

#### **Renault Trucks 24/24**

Whatever the time, day or place, Renault Trucks 24/24 roadside assistance is standing by to provide rapid breakdown assistance. A specially assigned contact will coordinate your assistance operation from beginning to end.

### KEEPING REPAIR AND MAINTENANCE COSTS UNDER CONTROL

#### **Start & Drive repair and maintenance contracts**

Your Renault Trucks approved repairer takes full charge of your vehicle's maintenance, offering a range of different options geared to your needs - ensuring you are able to benefit from maximum availability of your vehicle.

#### **Expandys warranty extensions**

Enjoy the benefits of genuine insurance covering your vehicle's most important elements, defined according to your annual estimated mileage, together with the length and extent of coverage required - providing you with the best possible solution for your business.

#### **Truckplus**

The joint Renault Trucks and dealer network brand for used vehicles. Your guarantee of a thoroughly professional approach to offering and selling trucks from all major manufacturers.

[www.truckplus.co.uk](http://www.truckplus.co.uk)

### FINANCE AND INSURANCE CONTRACTS FROM RENAULT TRUCKS FINANCIAL SERVICES

**Renault Trucks Financial Services is committed to providing you with:**

- A dedicated contact person who will offer you a comprehensive and personalised vehicle, services, finance and insurance solution package.
- A finance decision in the shortest possible time, to get your vehicle operational quickly.

Get in touch with your Renault Trucks sales advisor to discuss a personalised solution.

### KEEPING FUEL CONSUMPTION UNDER CONTROL

#### **Optifuel Programme**

Optifuel Programme is the global solution designed to reduce your company's fuel costs. Combining Optifuel Training and Optifuel Infomax, this programme is designed for instructors, driver trainers and fleet managers who can then, in turn, train other drivers.

#### **Optifuel Infomax**

Optifuel Infomax is the global solution for monitoring vehicle usage and raising awareness of economic driving practices. The instruction you receive and its intuitive interface helps you control your vehicle's fuel consumption and accurately identify ways of making further savings.

#### **Optifuel Training**

Take advantage of our specialised instructors' expertise in economic driving and learn how to fully exploit your vehicles' potential for making savings.



YOU CAN SAVE UP  
TO 15% OF YOUR  
ENTIRE FLEET'S  
OPERATING  
COSTS

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We recommend  
Renault Trucks Oils



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