

RENAULT
TRUCKS
DELIVER

RENAULT MAGNUM

www.renault-trucks.co.uk



RENAULT MAGNUM

AN IMPOSING STATEMENT OF CHARACTER

With an updated design, Renault Magnum exudes power and strength, with its roof design, aerodynamic side deflectors (rigids and tractors), sunvisor and grab handles on the front panel. The 3-segment wraparound bumper is made from ultra-strong materials and features a colour-coded centre piece to match the radiator grille as well as a non-slip step to get to the windscreen.





Renault Magnum is equipped with new, more powerful Euro 5 engines that offer optimised fuel consumption. The **Optidriver+** automated gearbox, the perfect ally of the DXi engine, now comes as standard to help deliver even better fuel efficiency and increase your company's profitability. Renault Magnum is the long-haul vehicle of choice to enhance your corporate image.

POWER
RATINGS UP TO
520_{hp}

OPTIDRIVER+
COMES AS
STANDARD

WELCOME TO A NEW DIMENSION



EVEN MORE SPACE AND FREEDOM OF MOVEMENT

Renault Magnum offers one of the most spacious cabs on the market, with interior headroom exceeding 2 m. Storage volume has been increased and its flat floor, top-quality materials and finish, combined with redesigned interior colour schemes, makes the Renault Magnum an iconic vehicle for onboard comfort.

RELAX IN TRUE COMFORT

The superior quality of the Renault Magnum fixed bunk* provides a truly refreshing sleep:

- Three-zone, 140 mm thick, zero deformation mattress for even greater comfort
- Bunk dimensions: 1,983 x 700 mm
- Bunk and mattress fabric coordinated to match the lower interior trim colour.

ROOM TO STORE EVERYTHING

Renault Magnum offers an excellent interior storage capacity, with a usable volume reaching as much as 1,090 l.

A new front header unit with 221 l in storage volume:

- 3 compartments with door closures
- 1 central bin with sliding shutter closure
- 1 locker unit with 3 compartments.

With a design concept borrowed from the aeronautics industry, the rear header unit offers an additional 95 l of storage.

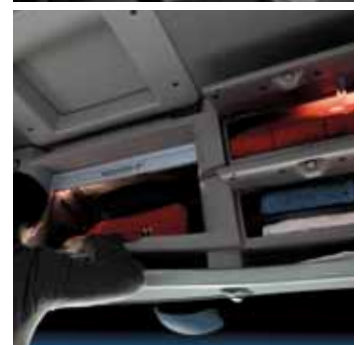
A TRULY
FLAT
FLOOR



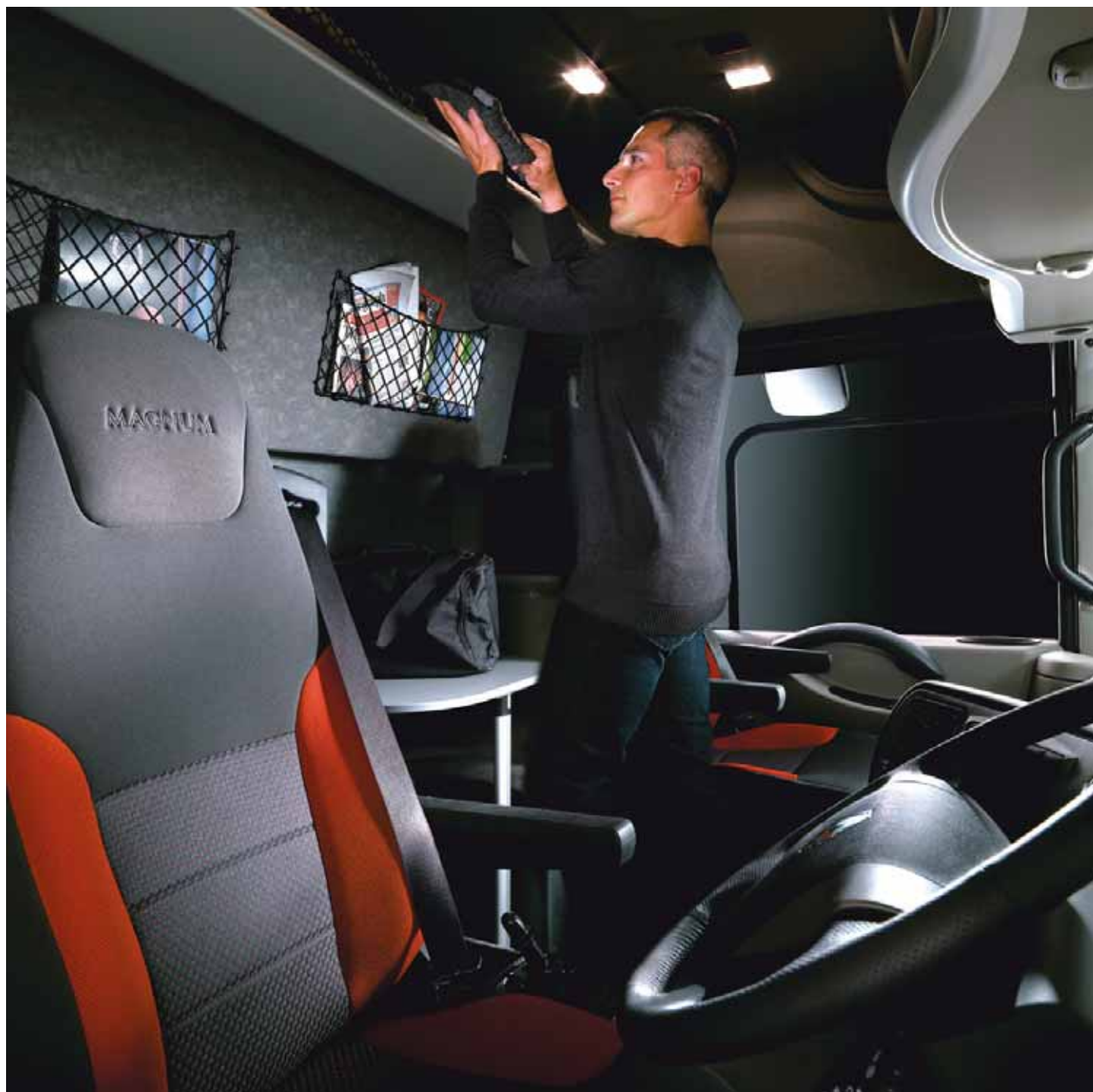
MORE THAN
2^m
OF INTERIOR
HEADROOM



MORE THAN
1,000^l
OF STORAGE
CAPACITY



* in Classic version



YOUR DRIVING COMFORT COMES FIRST

Renault Magnum's ergonomically-designed dashboard houses all the driving controls and instruments you need:

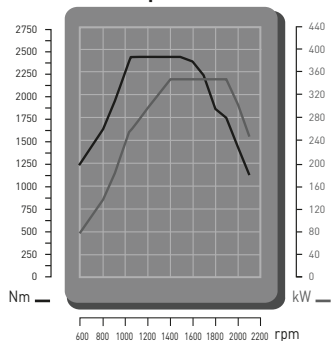
- Electronic-matrix screen
- Central rev counter with integrated digital speed display
- Steering column-mounted control for the **Optidriver+** gearbox
- Hill-start assistance
- Electric window controls on the driver's side
- Bluetooth radio-telephone system.

PERFORMANCE

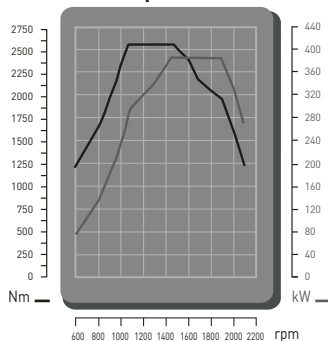
TO BOOST YOUR PRODUCTIVITY



480hp - DXi13



520hp - DXi13



UP TO
2,550^{Nm}
OF TORQUE

DXi13 ENGINE: PROVEN EFFICIENCY

The DXi13 engine now delivers more power and torque, allowing you to maintain consistent journey speeds. Also, 90% of its output is available in less than two seconds and maximum torque, for even more decisive acceleration, is available from low engine speeds of 1,050 rpm.

Renault Magnum can be fitted with an automatic engine stop feature*. The system automatically shuts down the vehicle's engine when idling for more than five minutes, as long as the parking brake is activated, no power take-off unit is engaged and the engine is at peak operating temperature.

The DXi13 engine is available in two power ratings of 480 and 520hp.

- With 480 hp power rating:
353 kW from 1,450 to 1,900 rpm
Torque: 2,400 Nm from 1,050 to 1,400 rpm
- With 520 hp power rating:
382 kW from 1,450 to 1,900 rpm
Torque: 2,550 Nm from 1,050 to 1,400 rpm
- Six-cylinder inline 12.8 l engine
- Second-generation, high-pressure injector pump electronic injection and dual management circuit
- Turbo charger with wastegate.

To ensure that its new Euro 5 engines meet EEV standards (Enhanced Environmentally-Friendly Vehicle), Renault Trucks has developed a solution without a particulate filter that is easy to use and affordable to maintain**.

Optidriver+ GEARBOX: EASIER AND MORE ECONOMICAL DRIVING

The **Optidriver+** automated gearbox is now standard and is designed to offer greater driving comfort and optimised fuel consumption.

The computer automatically selects and engages the appropriate gear ratio depending on engine speed and load: precluding gear-changing errors and eliminating the risk of under or over speeding.

With fewer moving mechanical parts than on a conventional gearbox, maintenance is greatly reduced and the clutch delivers longer service life.



AS MUCH AS
3%
LESS
CONSUMPTION***



* option

** available in 2009 depending on engine

*** with **Optidriver+** in comparison with the last generation equipped with a manual gearbox

COMPLETE ALL YOUR TASKS SAFELY AND SECURELY



ONE OF THE BEST ENGINE BRAKES ON THE MARKET

The new **Optibrake** engine brake delivers a retardation power of 414 kW at 2,300 rpm.

HIGH-PERFORMANCE BRAKING

Equipped with engine brake, exhaust brake, retarders, and service brakes, Renault Magnum has a centralised braking system that delivers deceleration performance of 7m/s^2 *, superior to the current requirement of 5m/s^2 .

- All-round disc brakes
- EBS 5
- Emergency braking assistance
- Hill-start assistance
- ABS and anti-slip regulation
- ESP, electronic stability programme (4x2 and 6x2 tractors).**

A comprehensive offering of retarders coupled to the braking system with automatic cut-off on acceleration, cut-off when the ABS is activated, and automatic re-engagement by the EBS depending on the road adhesion conditions detected.

ENHANCED SAFETY

Renault Magnum can be equipped with an anti-collision and driving aid system** that is particularly recommended when transporting hazardous materials. The system detects if the truck suddenly changes lanes, crosses a white line or is running too close to the vehicle ahead. In such instances, an alarm is triggered in the cab.

PANORAMIC VIEW OF THE ROAD

Renault Magnum gives you a wide field of vision:

- Wide-angle rear view mirrors as standard
- Heated, remote-controlled main rear view mirrors
- Kerb view mirror on the passenger side
- Complex-reflector halogen headlights
- Front view mirror.

OPTIBRAKE:
414 kW
BRAKING
POWER

DECELERATION OF
7 m/s^2 *

* with the main braking system
** option



A RENAULT MAGNUM FOR EVERY APPLICATION



ENGINEERED FOR YOUR BUSINESS

On-demand industrial consignments, controlled temperature transport, livestock transport etc. Whatever you haul, you will find a Renault Magnum that is ideal for the job:

- Rigid 6x2 tag
- Tractors 4x2 or 6x2 pusher.

With the two power ratings available on the DXi13 engine, you have the choice of four different models. The broad offering of fuel tanks gives you many combinations to choose from, so you can always find the best trade-off in operating range and payload.

TRACTORS: A COMBINATION TO GET THE JOB DONE

Two fifth wheel heights:

- 1,250 mm for all-round versatility
- 950 mm for high volume transport.

REAL-TIME PARTNERSHIP

Renault Trucks has developed close ties with bodybuilders in each country who are specialists in the transport sector. With access to a dedicated website, they can find detailed information on the mechanical and electronic specifications of every vehicle in the Renault Magnum range.



RIGIDS: BODYBUILDING MADE EASY

Renault Magnum is specifically designed so that bodybuilders can deliver fast and efficient work, by providing them with design features to ensure optimal quality throughout the entire body/chassis assembly.

- Choice of 5 wheelbases from 5,120 to 6,370 mm, covering multiple body lengths
- Smooth, unobstructed chassis upper surface
- Pre-drilled, stamped side members
- Brackets as standard.

* on the 4x2 tractor

1,455L
FUEL TANKS*

TECHNICAL INFORMATION



CABS

Classic Cab (standard)

- Air-suspended driver's seat
- Swivel passenger's seat without storage or air-suspended, non-swivel
- Lower, fixed bunk (1,983 x 700 mm)
- Storage bins under the bunk
- Hammock-type upper bunk.

Multipass Cab*

- Convertible lower bunk to table and chairs
- One piece upper bunk
- Refrigerator under bunk
- Swivel passenger seat with foot rest.

Privilege package (standard)

The Renault Magnum Privilege package offers a top-notch trim level and finish as standard:

- Adjustable air conditioning
- Electric roof vent
- Deluxe steering wheel
- High-comfort driver's seat + support
- CD radio
- 12 V + 24 V power outlets
- Stand alone air to air heating
- Telephone pre-equipment
- Radio remote control
- Remote door locking + main cut-off switch.

Excellence package*

In addition to the features in the Privilege package:

- CD radio with MP3 and Bluetooth
- Refrigerator under bunk
- Electric cab tilt
- Side fairings
- Headlight washers.

* option

ENGINES

DXi13 Euro 5

353 kW (480 hp) from 1,450 to 1,900 rpm - 2,400 Nm from 1,050 to 1,400 rpm

382 kW (520 hp) from 1,400 to 1,900 rpm - 2,550 Nm from 1,050 to 1,450 rpm.

- Six-cylinder, 12.8 l high-pressure, second-generation injector pump electronic injection engine with dual management circuits
- Rear-mounted timing gear
- Turbo charger with wastegate
- Visco-coupled fan and electronic control.

DRIVE AXLE

P 13170/2: Single-reduction drive axle.

CHASSIS

Two chassis thicknesses are available depending on vehicle configuration.

GEARBOXES

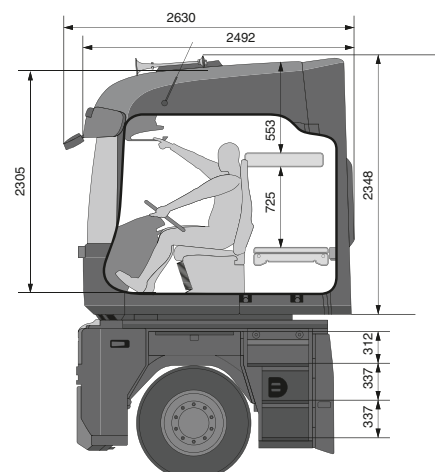
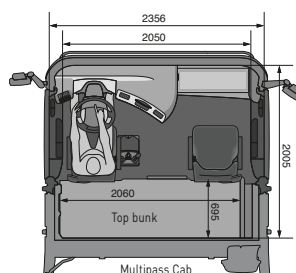
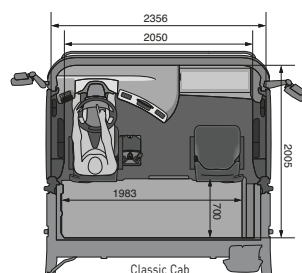
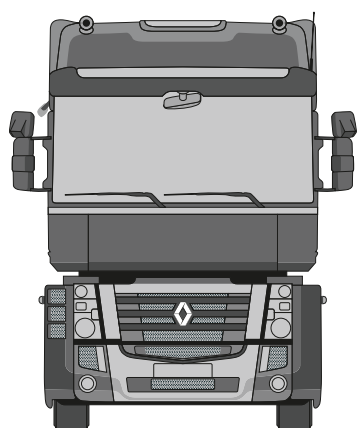
12-speed *Optidriver+* automated gearbox as standard:

Probably the best on the market, offering the fastest gear changes.

- New-generation gearbox management software.
- Best trade-off between mobility and consumption.

The automated gear changes take into account load, slope, engine mapping, driveline, acceleration, retardation and braking commands.

The *Optidriver+* gearbox is always associated with *Optibrake*.



BRAKES

APM (Air Product Management) electronic air management.
Main system: all-round disc brakes.

EBS is an electronically-controlled air brake system that adjusts the braking pressure applied to each wheel as determined by road adhesion conditions.

2 packages are on offer:

- EBS Basic+: ABS, anti-slip regulation, hill-start assistance, brake disc and brake pad wear control
- EBS Full: includes all the features of EBS Basic+ as well as ESP (stability control and anti-rollover system).

Renault Trucks offers the possibility to link the different braking systems: service brakes, engine brake, **Optibrake+** and driveline retarders.

SUSPENSION

- Mechanical twin-leaf front suspension
- Front air suspension*

This offers numerous advantages in terms of stability and driving comfort.

- Rear air suspension (standard)

This controls vehicle height and ensures a constant ride height.

* option

MAINTENANCE

- Vehicle maintenance services to assist profitability
- Maintenance-free suspension joints
- Longer air cartridge life: 120,000 km.

EBS maintenance functions: warnings, incidents, intervals
Predictive maintenance and warnings for longer component life.

WHEELBASES

- Tractor 4x2: 3,920 - 4,120 mm
- Rigid 6x2: 5,120 - 5,370 - 5,620 - 5,870 - 6,370 mm
- Tractor 6x2 pusher: 4,420 mm



SUPPORTING LONG-HAUL TRANSPORT GETTING THE JOB DONE

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

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 vehicle's potential for making savings.



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

Renault Trucks UK Ltd
Houghton Hall Business Park
Porz Avenue
Dunstable
Beds LU5 5FT
Tel. 0870 60 60 660

www.renault-trucks.co.uk



We recommend
Renault Trucks Oils

BDC for engine manuals and specs
<https://barringtondieselclub.co.za/>

<http://www.barringtondieselclub.co.za/>



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