

RENAULT  
TRUCKS  
DELIVER

# RENAULT MIDLUM

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



RENAULT  
TRUCKS

# RENAULT MIDLUM MAKE LIFE EASY ON YOURSELF

Renault Midlum brings you an exceptional array of features: unmatched manoeuvrability, unbeatable payload and driving comfort worthy of a car. New, more powerful Euro 5 engines (180 to 300 hp) provide controlled fuel consumption and two new **Optitronic\*** automated gearboxes with steering column mounted controls further enrich the characteristics on offer.







Optifuel Solutions give you the best products and services to further improve consumption, as well as reduce service and repair costs. An exceptional braking system, a wide variety of layouts, bodybuilder mountings and a host of outstanding services combine to make Renault Midlum the perfect tool to increase your productivity.

AS MUCH AS  
**7%**  
LOWER CONSUMPTION  
WITH OPTITRONIC\*\*

**75**  
DIFFERENT  
MODELS

\*option  
\*\* compared to the manual gearbox

MAKE YOUR WAY  
ANYWHERE







## AGILITY AND EFFICIENCY

Renault Midlum offers exceptional manoeuvrability. Its excellent turning radius (5.59 m between kerbs with the 2,700 mm wheelbase version) allows you to park or dock with the minimum of manoeuvring.

## COMPACT CAB DELIVERS REAL BENEFIT

With its short front overhang (1,275 mm) and short wheelbases (from 2,700 mm), Renault Midlum stands out as one of the most compact cabs on the market, at just 2,100 mm wide.

## EXCELLENT PAYLOAD TO BOOST PROFITABILITY

Renault Midlum delivers an excellent payload, giving you greater loading volume and helping you reduce operating costs.

## OPTIFUEL SOLUTIONS

With Optifuel Solutions, Renault Trucks delivers the most effective technologies and services to help optimise fuel consumption: optimised drivelines, **Optitronic\*** automated gearbox, SCR solution, Optifuel economic driver training and Optifuel Infomax.

## SERVICES TO IMPROVE YOUR OPERATING RESULTS

Start & Drive service and repair contracts help you control your budget and assets. With Renault Midlum, take advantage of our specially devised services to help you manage your business.

5.59<sup>m</sup>  
TURNING  
RADIUS

150<sup>KG</sup>  
MORE  
PAYLOAD\*\*

\*option

\*\*with a Renault Midlum 220 hp 12 t compared with most rival trucks

# MAKE DRIVING FATIGUE FREE



## CAB ACCESS YOU WILL APPRECIATE, DAY IN, DAY OUT

The 'Access Concept' was specially developed by Renault Trucks for distribution trades. It includes doors that open 90°, non-slip steps in line with the door, grab handles on both sides, stepwell lighting, an adjustable seat and an air-release adjustable steering wheel.

## SALOON CAR DRIVING COMFORT

With the manual gearbox, the dashboard-mounted gear lever and parking brake help reduce the gearchanging effort, with the result that driving is more productive and less tiresome. With the engine tunnel now free of controls, movement in the cab is easier. The **Optitronic**\* automated gearbox further enhances comfort, allowing the driver to concentrate fully on the road ahead.

## OUTSTANDING CHOICE OF CAB LAYOUTS

Renault Midlum is available in a choice of three cab styles: Day cab, chosen for its functionality and adapted to urban use; Global cab, a very versatile unit with 5 different design options to match your professional activity; 4-door cab for vehicles needing 6 to 7 seats. Cabs are available in 3 trim levels (Authentique, Alliance and Privilege).

3  
CAB  
DEPTHS



\*option

## CLEAR, EASY-TO-READ INSTRUMENTS

Renault Midlum has a central rev counter with an integrated digital speedometer. For ease of use, all additional information is displayed via electronic matrix screens, luminous dials and warning lights that can be read at a glance.

## PANORAMIC VIEW

Renault Midlum offers a very broad field of vision, made possible via a clear, unobstructed windscreen and a sloping dashboard design. Its two independent rear view mirrors, with reinforced, vibration-free arms, give perfect visibility and eliminate blind spots. This superior level of equipment can be further enhanced by the 'Vision' door to make manoeuvring easier, a rear passenger-side window\*\* and a rear window.



## BRAKES THAT OUTPERFORM THE MOST STRINGENT STANDARDS

Renault Midlum gives excellent braking performance akin to that of a passenger car, with deceleration figures to  $7 \text{ m/s}^2$  in emergency braking. Disc brakes are standard equipment, and with the new-generation EBS5 system, emergency braking assistance, hill start assistance, ABS, traction control, a wide range of engines and transmission mounted retarders, Renault Midlum always has 100% of its braking potential at the ready.

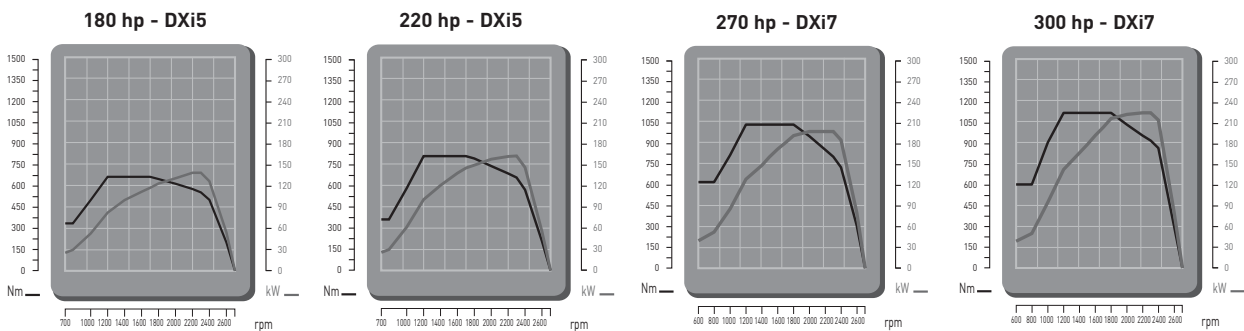
DECELERATION  
TO  
**7**  $\text{m/s}^2$



\*\*available on Global cab only



MAXIMISE  
YOUR PERFORMANCE





## NEW EURO 5 ENGINES CUT CONSUMPTION, NOT EFFICIENCY

Renault Midlum is available with new, more powerful engines ranging from 180 to 220 hp for the DXi5 and from 270 to 300 hp for the DXi7, all offering controlled fuel consumption. The integration of SCR technology, a maintenance-free exhaust gas aftertreatment method, helps lower consumption even more.

## BETTER TORQUE FOR SMOOTHER DRIVING

With the increased power ratings now available, the new torque delivery band - from 660 Nm (180 hp) to 1,070 Nm (300 hp) - allows for smoother, more economical driving. Available torque and maximum power are adapted so as to minimise gear changes, optimise consumption and improve average journey speeds.

## MAINTENANCE COSTS REDUCED BY 15%

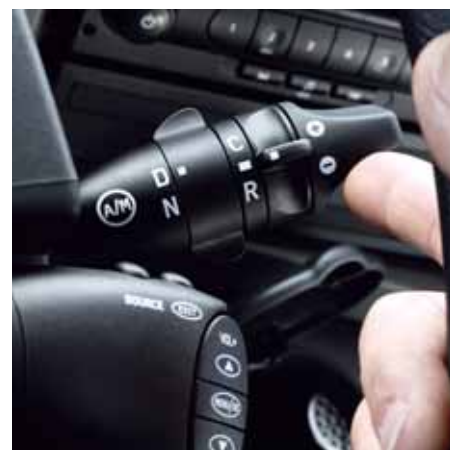
In line with the quest for greater efficiency and savings, Renault Midlum has been fitted with a pre-catalyser (on 180, 270 and 300 hp), a new air intake (on DXi7), a new AdBlue injector, a new turbo charger with electronic wastegate, a new exhaust system (on 180, 270 and 300 hp) and numerous other evolutions to reduce servicing and ultimately cut maintenance costs by an average of 15%.

## **Optitronic** GEARBOX\*: PERFORMANCE IN EVERY MODE

The new **Optitronic**\* automated gearbox improves gear changing comfort and lowers operating costs. Its steering column mounted controls, together with the digital dashboard display, allow you to easily choose the most appropriate mode for each situation: 'Economy' for the best consumption/performance ratio; 'Manoeuvre' to increase vehicle precision when manoeuvring; 'Kick down' for instant acceleration; 'Temporary manual' to take control of the gearbox.



UP TO  
300<sub>hp</sub>



\*option

## ADAPT RENAULT MIDLUM TO YOUR BUSINESS



### 75 COMBINATIONS POSSIBLE

Renault Midlum is available in 75 different combinations, in a wide choice of GVW options (7.5 to 18 t in the standard offerings), a comprehensive range of engines, silhouettes and 19 wheelbases, as well as a broad offering of cab options and trim levels. Special configurations can also be delivered, such as the narrow-track drive axle for use in historic city centres or the adapted 6x2 26 t configuration to provide even greater loading capability.

### LONG-TERM DEPENDABILITY

Build quality and the choice of materials guarantee the reliability and durability of your investment and this is enhanced by the use of cataphoretic corrosion protection and a very secure electric and electronic architecture.





## EASY BODYBUILDING

The Renault Midlum chassis is designed to ensure easy bodybuilding and rapid adaptation to specific operational requirements: reduced cab-to-body gap, pre-drilling, wheelbases in 300 mm increments, numerous attachment points in the rear overhang, mounting brackets as standard, optional bodybuilder's electronic box, cab bulkhead apertures, etc. Renault Midlum is designed to accommodate special operational equipment such as: crane, fire-tender, household refuse collection, tipper, street sweeper and tanker.

**19**  
WHEELBASES  
AVAILABLE



## CABS

A cab offering adapted to the particular needs of the distribution sector

- **Day cab**, ideal for a compact vehicle and adapted for urban use
- **Global cab** is available in 5 different interior layouts to ensure it is just right for the operator: Global Standard - Global Relax - Global Night - Global Night 1 piece bunk - Global Utility.

### 3 cab trim levels (packages)

- Authentique
- Alliance
- Privilege.

### Vocational packages

- A 4-door/6 to 7 seater cab that is spacious and comfortable, the right choice for recovery, transporter, local authorities, etc.

## ENGINES

### DXi5 Euro 5

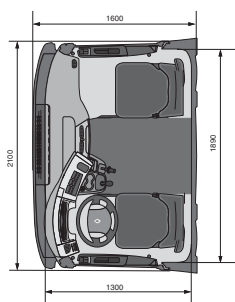
136 kW (180 hp) at 2,300 rpm - 660 Nm from 1,200 to 1,700 rpm  
161 kW (220 hp) at 2,300 rpm - 815 Nm from 1,200 to 1,700 rpm

### DXi7 Euro 5

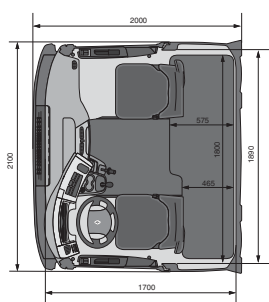
195 kW (270 hp) at 2,100 rpm - 1,010 Nm from 1,200 to 1,800 rpm  
217 kW (300 hp) at 2,200 rpm - 1,070 Nm from 1,200 to 1,800 rpm

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

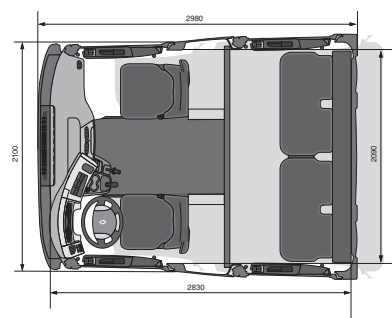
- AdBlue tank
- AdBlue dosage module
- Silencer enabling NOx catalysis to take place
- AdBlue injector in the exhaust
- Sensors ensuring the entire system is operating normally (detecting NOx, AdBlue levels and temperatures).



Day cab



Global cab



4-door cab



## GEARBOXES

Manual, automated and automatic gearboxes optimise the combined advantages of payload, low fuel consumption and driving pleasure.

- 6S 800 TO, 6S 1000 TO and 9S 1110 TO manual gearboxes
- S2500 and 3200 V automatic gearboxes
- **Optitronic** 6AS 800 and 6AS 1000 automated gearboxes

The vehicles equipped with a manual gearbox feature a dashboard-mounted gear lever offering fast gear changes and driving pleasure that is unique to the market.

Two systems allow for enhanced gearchanging comfort:

- Cable control, delivering comfort (eliminates vibrations), flexibility and safety: no more jumping out of gears because of cab and chassis movements
- Servoshift: servo assistance that reduces the gearchanging effort by 75%.

Designation		Ratio	Speed	Length (mm)	Weight (kg)	Super H
DXi5	6S 800	6.58-0.78 (R 6.06)	6	720	120	
	6AS 800	6.58-0.77 (R 6.06)	6	720	128	
	S2500	3.51/0.74 (R 5.09)	5	740	165	
DXi7	6S 1000	6.75- 0.77 (R 6.06)	6	720	140	
	6AS 1000	6.75-0.77 (R 6.06)	6	720	148	
	9S 1110	9.48- 0.75 (R 8.97)	9	840	182	•
	3200 V	3.49/0.65 (R 5.03)	6	845	290	
	3200 V with retarder	3.49/0.65 (R 5.03)	6	845	385	

## POWER TAKE-OFF

Wide choice of electronically controlled power take-offs for greater safety and reliability.

## AXLES AND DRIVE AXLES

3 single-reduction drive axles P 08120, P 11140 and P 11150

1 double reduction drive axle P 1191

3 front axles for on road E42 - E46 - E62

2 front axles for on road and off road construction applications E63 - E72

## APM (AIR PRODUCT MANAGEMENT)

Renault Trucks now delivers an innovative electronic air management system, Air Product Management, which brings enhanced safety, as well as significant savings in weight, consumption and maintenance:

- A move from mechanical air production to electronic air production for greater safety and improved quality
- Optimised production and processing
- More braking power downhill
- Compressed air is not produced during acceleration.

## WHEELBASES

Renault Midlum offers a wide range of wheelbases for optimum bodybuilding flexibility.

Extra light chassis: 2,700 to 5,100 mm

Medium light chassis: 3,070 to 6,500 mm

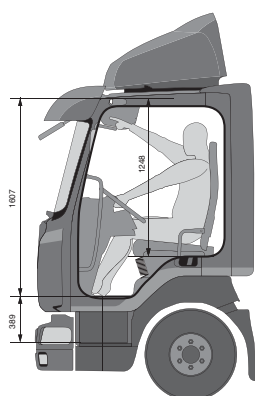
Light chassis: 3,070 to 6,500 mm

Medium chassis: 3,070 to 4,700 mm

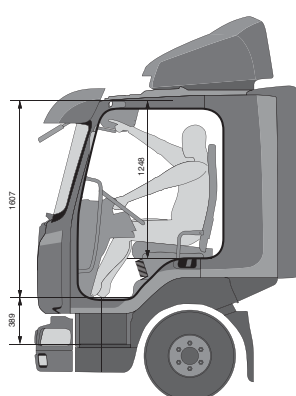
Heavy chassis: 3,500 to 6,800 mm

Light 4x4 chassis: 3,070 to 4,700 mm

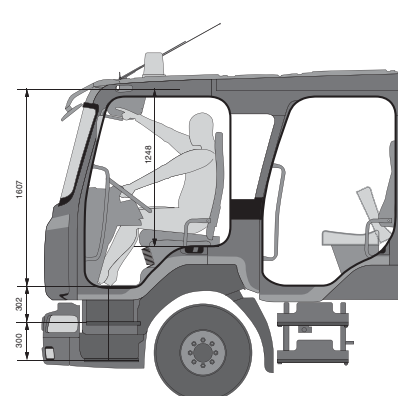
Medium 4x4 chassis: 3,070 to 4,100 mm



Day cab



Global cab



4-door cab

## BRAKES

Disc brakes on the entire range.

Midlum comes equipped with the new-generation 'Electronic Braking System' (EBS 5).

This is an electronically controlled air brake system that adjusts the brake force applied to each wheel to match road adhesion conditions.

Two offers are available:

### EBS Basic

- ABS: controls vehicle direction during an emergency stop
- Emergency brake assistance: optimised braking distance during emergency braking
- Engine brake management: on wet ground, when slowing or downshifting, it keeps a lightly loaded vehicle under control by avoiding rear wheel locking.

### EBS Basic +\*

- Hill start assistance: allows you to release the brakes without the vehicle creeping
- Brake pad wear balancing system between axles: provides a single maintenance operation
- ASR wheel anti-skid system: helps control the vehicle when on slippery surfaces.

### Coupling of braking systems

Renault Trucks allows you to couple the different braking systems: service brakes, engine brake and retarder. The system is managed by EBS.

## MAINTENANCE

Maintenance intervals are programmed with profitability in mind and are determined by engine oil wear analysis against vehicle usage.

Fast breakdown diagnostic with maintenance schedule and oil change intervals displayed electronically. Timing of warning messages take vehicle operating conditions into account.

Renault Midlum no longer requires the 'traditional' first warranty service.

**Gearbox:** oil change interval set to 300,000 km.

**Rear drive axle:** oil change interval set to 320,000 km (semi-synthetic oil).

3 lubrication points only: 2 on the cab suspension (lock striking plate pins) and 1 point on the cab tilt cylinder head (2 on the 4-door cab) – lifetime lubricated prop shafts (maintenance free).

The 4 disc brakes, simple in design and easy to access, reduce service time and, consequently, downtime.

## SUSPENSION

Normal or reinforced front and rear suspension with shock absorbers and stabiliser bar

Parabolic suspension	Reinforced parabolic suspension	Air suspension	Asymmetric suspension
Front and rear	Front and rear	Front** and rear	Rear
Generous front and rear leaf-spring suspension	Generous front and rear leaf-spring suspension	Electronic two-airbag suspension	Special suspension for refuse collectors and light fire tenders (4x2)
		Remote control to adjust the chassis height from inside and outside*	
With shock absorbers and anti roll bars	With shock absorbers and anti roll bars	Adjustment range: 175 mm (+105 mm / -70 mm)	

\*option

\*\*front air suspension available on Light and Heavy chassis (DXi7)





## 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

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

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



We recommend  
Renault Trucks Oils



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Ref. 50 21 026 574 - 2 000 ex. - Renault Trucks SAS with a capital of 50 000 000 € - 954 506 077 RCS Lyon - Printing Faurite 01700 Les Echets - 08/2009