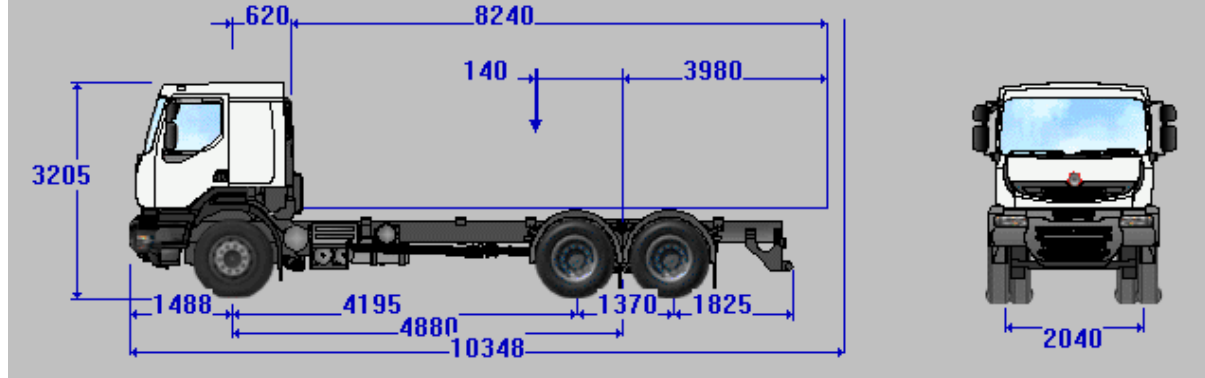




Personalized Specification Sheet

KERAX 380.35 6X4 HEAVY DUTY

GVW 40 T



Engine speed at 90 km/h : 1568 rpm

Weights and dimensions

GVW kg	40000
Max. Body Length (W) mm	8240
Min. Body Length (W) mm	6489
Total Payload kg	30621
Chassis Cab Weight kg	9379
Front Load Distribution kg	4585
Rear Load Distribution kg	4794
Front Axle Max. Limit kg	8000
Rear Axle Max. Limit kg	32000
Max. Rear Overhang (X) mm	3980
Min. Rear Overhang (X) mm	2229
Min. Payload Centre of Gravity (Y) mm	140
Max. Payload Centre of Gravity (Y) mm	1015
Max. Vehicle Length (Z) mm	10348
Min. Vehicle Length (Z) mm	8597
Cab Start (B) mm	620
Wheelbase (F) mm	4195
Technical Wheelbase (F') mm	4880
Chassis Cab Rear Overhang (N) mm	1825
Chassis Cab Overall Length mm	8878
Chassis Height unladen (H2) mm	1174
Chassis Height laden (H2) mm	1137
Cab/Ground Height unladen (O) mm	3205
Front Overhang (H) mm	1488
Rear Axle Spacing mm	1370
Cab Width across Wings mm	2500
Front Track (V1) mm	2040
Rear Track mm	1872
Width across Rear Wheels mm	2530
Front Ground Clearance mm	384
Rear Ground Clearance mm	340
Frame Width at Front mm	108
Frame Width at Rear mm	850
Overall Turning Radius mm	10500

This table includes the weights of selected RENAULT TRUCKS options. The dimensions remain those of the base vehicle.



SPECIFICATION SHEET KERAX 380.35 6X4 HEAVY DUTY

ENGINE DXi11

Power : 279 kW (379 hp) from 1800 to 1900 rpm.

Torque : 1800 Nm from 1000 to 1400 rpm.

6-cylinder in-line diesel engine, turbocharged with INTERCOOLER and waste gate (for 410 / 450 hp)

High-pressure electronic fuel-injection (2000 bars) by unit injector pumps.

24-valve, overhead camshaft, mono bloc cylinder head, timing gear mounted in the rear.

Bore 123 mm - stroke 152 mm capacity 10.8 litres.

Engine oil capacity: 36 litres.

Steel oil sump.

High-capacity throw-away oil filter.

Cooling system capacity: 33.5 litres (51 litres with hydraulic retarder).

Piloted starting.

Electronically piloted fan.

Direction of rotation (seen from G/B end): anti-clockwise.

Reinforced fuel pre filter.

EEC EURO 3 exhaust emissions level.

PTO speed limiter.

Coolant anti-freeze protection:
- 25°C.

ENGINE EQUIPMENT

Exhaust brake

Electronic idling control.

CLUTCH

Clutch 430 GD 900

Single-plate.

Air-assisted hydraulic actuation.

Automatic clearance adjustment.

GEARBOX

ZF 16 S 1820 TO

16 synchronised forward gears and 2 reverse gears (13.80-0.84).

Aluminium casing.

Pneumatic range splitter with pre selection switch on the lever.

Super H grid control.

SERVOSHIFT assisted gear changing.

Cable-operated control.

Economic driving assistance with DMS (Driving Monitoring System).

RETARDER

Exhaust brake retarder (135 Kw at 2100 rpm) with constant solenoid valve control (between 2 and 7.5 bars).

POWER TAKE-OFF

Gearbox mounted PTO: S81 B.

Flanged output.

Rotation: opposite to engine.

Torque: 1000 Nm

Ratios: 0.92 / 1.09

REAR DRIVE AXLE

Bogie PMR 3395 - 32 T

Double reduction, ratio (2,26)

Bevel gear final drive 17 x 35

Differential blocking system manage by EBS.

STEERING

Hydraulic power assistance.

Integral hydraulic power assistance (1 independent circuit and 1 pump).

AXLE

Load capacity: Front axle: 8 t.

WHEELS AND TYRES

BRIDGESTONE. 1200 R 24

M840/M840.

Disc wheels.

24" steel wheels.

Spare wheel supplied loose, with jack.

BRAKING SYSTEM

Main brake :

Electro pneumatic braking system with two independent circuits, Drum brakes.

Braking capacity > 70tonnes

Electronic APM (Air Product Management):cartridge air dryer, optimised by preventive maintenance.

compressor disabled during engine starts.

Compressor:

Twin-cylinder 636 cm³ piloted by APM.

Declutching.

Max. output: 660 litres/min at 2000 rpm (compressor).

Ratio: 1.31

Drum:

Diameter: 410 mm.

Front width: 175 mm.

Rear width: 200 mm.

Brake lever 170 mm.

Total linings area: 14 805 mm².

Parking brake :

Air operated springs brake actuators on drive axle.

Emergency brake :

Provided by the independence of the two separate circuits.

Brake adjustment :

Automatic adjustment.



CAB

EXTERIOR :

All steel Cab, iron-zinc coated and cataphoretically paint treatment.

Day Cab

Front panel with honeycomb radiator grille.

Anti-spray deflectors.

Cab 2-point mechanical rear suspension.

Hydraulic cab tilt mechanism.

2 manually adjustable rear-view mirrors.

Tinted, laminated windscreen and tinted windows.

Air intake ducting on left side of roof.

Access to driving position by 3 lit steps. Flexible 1st step made from composite material.

Unskidable windscreen access step.

Rear window.

External sun-shade.

Two orange-coloured warning lights.

INTERIOR :

Normal roof equipped with storage ledge. 2 extra ISO modules. 2 storage compartments (50 l).

Storage box 50 L

Cab soundproofing.

Grab handles.

Driver's air suspension seat with onboard seat belt

Fixed passenger's seat with seat belt.

Head Restraint

Storage compartments in both doors.

Cab lighting timer function.

Boot socket on gear lever console.

Integrated air conditioner with manual regulation

Onboard radio K7 RDS with steering wheel fingertip controls and instrument panel information display
Onboard Driving & Servicing handbook in Export English.

INSTRUMENT PANEL :

Digital display integrating:

- Speedometer, radio information display, clock, outside temperature display depending on version or option.
- Driving information display.
- Driver warning messages and various menus.

Analogue display integrating

- Central revolution counter with economic operating band, fuel gauge, air pressure gauge, water temperature gauge.
- Twin indicator markers (tractor and trailer).
- Function and warning lamps.
- Anti-glare window.
- Display menu control by satellite radio.

Information display lighting intensity and sound level adjustment.

Lights not switched on alert.

Drinking cup location or removable ashtray.

External temperature indicator.

Cigar-lighter

Instrument panel bleed control.

DIAG socket.

Access hatch to fuses and bodybuilder module box (BBM).

STEERING-MOUNTED EQUIPMENT:

Steering lock.

Radio and information display pull-down menu (if thus equipped) steering column fingertip controls.

Retarder or engine brake control (if equipped).

Two speed windscreen wipers with incorporated washers and intermittent wipe.

Headlight control.

Adjustable steering column.

ELECTRICAL EQUIPMENT

Battery capacity: 170 Ah

24V voltage supplied by two batteries.

Master switch and fuse box in battery tray.

Lighting to EEC standards.

Rear lighting

CHASSIS

Chassis width:

Front: 1080

Rear: 850

Side members module:

300 x 90 x 8 mm

Side member lining: 5 mm.

Necking of chassis under cab.

Normal rear overhang, Pre drilled for Body Builder.

3-piece steel shield integrating retractable windscreen access step, front grille, radiator protection shoe and towing yoke.

Windscreen additional Foot-Board

Detachable front towing yoke (25 tonnes) with unlocking by 1/4 turn lock.

Chassis rear cross-member.

Without rear run-under guard..

Tail lamps mounted on dedicated bracket.

SUSPENSION

Front :

Maintenance-free front parabolic 2-leaf springs (8 tonnes).

Front anti-roll bar.

**Rear :**

Semi-elliptic leaf springs.
Rear suspension capacity 32T
Rear anti-roll bar.
Telescopic shock absorbers on middle and rear drive axles.

FUEL TANK

Main steel tank: 315 litres capacity. (254 kg of diesel)
D- shaped 560.
Locking fuel filler cap. Without fuel heater.

STANDARD EQUIPMENT

Straight vertical exhaust.
Normal engine air filtration + cartridge.
Onboard kit.

Hydraulic jack - Tool kit.
Air valve on chassis.
Advance warning triangle.
Reversing buzzer.
Headlamp protective grille.

BODYWORK

Bodybuilder electronic box interface.
Power supply terminal plate 24V / 200A in battery tray.
Round 7-pin socket provision under battery tray:
- After master switch power supply 24V / 15A + earth (cab shared).
- After ignition power supply 24V / 15A + earth.
- Side/parking lights.

- Alarm connection.
T multiple for Bodybuilder fixing crow
Standard fastening kit delivered for body mounting and attachment.

Note: No representation given. Specifications subject to discontinuance, change and improvement. Dimensions, characteristics and data are for guidance only. We recommend that vehicles be measured and weighed before any body-building work occurs. no contract or binding undertaking is engaged by this document