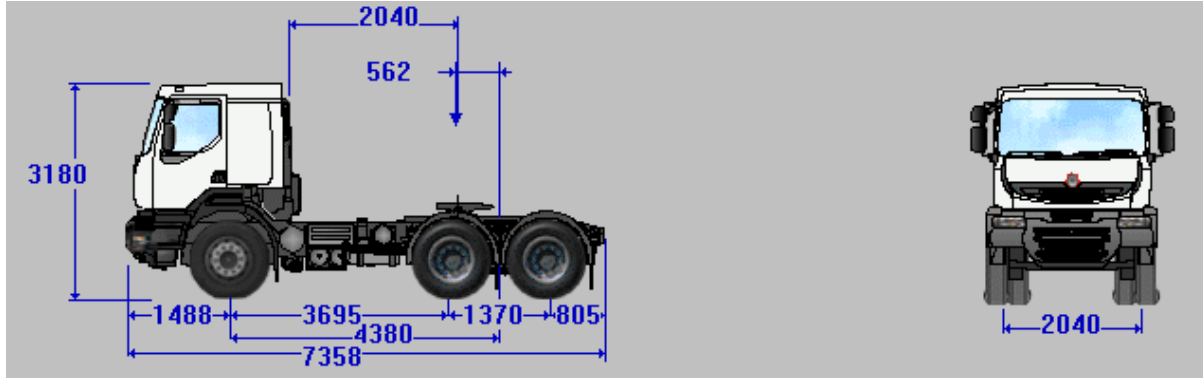




Personalized Specification Sheet

KERAX 440.35 T 6x4 HEAVY DUTY

GVW 40 T GCW 100 T



Engine speed at 90 km/h : -999 rpm

Weights and dimensions

GVW kg	40000
Total Payload kg	30503
Recommended Fifth Wheel Position (Y) mm	562
Max. Fifth Wheel Position (Y) mm	562
Min. Fifth Wheel Position (Y) mm	112
Chassis Cab Weight kg	9497
Front Load Distribution kg	5036
Rear Load Distribution kg	4461
Front Axle Max. Limit kg	8000
Rear Axle Max. Limit kg	32000
Wheelbase (F) mm	3695
Technical Wheelbase (F') mm	4380
Wall-to-Wall Turning Radius (D) mm	2040
Chassis Cab Rear Overhang (N) mm	805
Chassis Cab Overall Length mm	7358
Chassis Height unladen (H2) mm	1139
Chassis Height laden (H2) mm	1084
Cab/Ground Height unladen (O) mm	3180
Front Overhang (H) mm	1488
Rear Axle Spacing mm	1370
Cab Width across Wings mm	2500
Front Track (V1) mm	2040
Rear Track mm	1836
Width across Rear Wheels mm	2504
Front Ground Clearance mm	366
Rear Ground Clearance mm	322
Frame Width at Front mm	108
Frame Width at Rear mm	850
Overall Turning Radius mm	9720

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



SPECIFICATION SHEET KERAX 440.35 T 6x4 HEAVY DUTY

ENGINE DXi11

Power : 321 kW (436 hp) at 1900 rpm.

Torque : 2000 Nm from 1100 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 MFZ.2.400

Dual plate.

Air assisted hydraulic actuation.

Automatic adjustment

GEARBOX

ZF 16 S 2520 TO

16 synchronised forward gears and 2 reverse gears (13,8 - 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).

Gearbox cooler (By oil).

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 C.

Splined output for flanged pump.

Rotation: opposite to engine.

Torque: 1000 Nm

Ratios: 0.92 / 1.09

REAR DRIVE AXLE

Bogie PMR 3395 - 32 T

Double réduction, 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 size 1200R24 G 580

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 type.

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

Ratio: 1.31

Semi-trailer Brake

Moderable trailer braking device valve.

Electrical / air flexible pipes (ISO coupling heads).

Connector 15-pin, 2x7 pins.

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.
Sleeper Cab
Front panel with honeycomb radiator grille.
Anti-spray deflectors.
Cab 4-point mechanical suspension.
Hydraulic cab tilt mechanism.
2 manually adjustable rear-view mirrors.
Wide angle rear-view mirror.
Kerb view mirror.
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.
Unsuitable windscreen access step.
Without rear window.
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
Hand-operated roof air vent.
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.
Soft Door Trim
Cab lighting timer function.

1 bunk.
Curtains around cab.
Boot socket on gear lever console.
2 electrically operated windows
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 rev 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.
Sleeper cab with 1 bunk, including:

ELECTRICAL EQUIPMENT

Battery capacity: 170 Ah
24V voltage supplied by two batteries.
Master switch and fuse box in battery tray.
Lighting to EEC standards.
Electrical headlights beam adjuster.
Rear lighting
Working spot lamp (70 W).

CHASSIS

Chassis width:
Front: 1080
Rear: 850
Side members module:
300 x 90 x 8.
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.
5th wheel H = 90 mm specific for tandem

Fifth wheel JOST type :
JSK 36 C1 3 1/2"

H = 190 mm.

Fifth wheel position:

Y = 435 mm.

Rear platform.

SUSPENSION

Front :

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

Front anti-roll bar.

Rear :

Semi-elliptic leaf springs.

Rear suspension capacity 32T

Telescopic shock absorbers on middle and rear drive axles.

FUEL TANK

Main steel tank: 445 litres Main

Additional tank: 255 litres

Total Capacity : 700 liters

Locking fuel filler cap.

Without fuel heater.

STANDARD EQUIPMENT

Electronic speed limiter (115 km/h).

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.

T multiple for Bodybuilder

SPECIAL OPTIONS

Vertical Exhaust

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