

Renault Kerax 330.19 MD 4x2 chassis cabin - NEW

ENGINE DXi11

Maximum engine Power : 243KW (330 hp) from 1400 to 1950 rpm.

Engine Torque : 1650 Nm from 1000 to 1400 rpm.

6-cylinder in-line diesel engine, turbocharged with INTERCOOLER and wastegate (for 410 / 450 hp). High-pressure electronic fuel-injection (2000 bars) by unit injector pumps. 24-valve, overhead camshaft, monobloc cylinder head, timing gear mounted in the rear. Bore 123 mm - stroke 152 mm

- capacity 10.8 liters. Engine oil capacity: 36 liters. Steel oil sump. High-capacity throw-away oil filter. Cooling system capacity: 33.5 liters (51 liters with hydraulic retarder).

Piloted starting. Electronically piloted fan. Direction of rotation (seen from G/B end): anti-clockwise.

EEC EURO 3 exhaust emissions level.

PTO speed limiter.

Coolant anti-freeze protection: - 25°C.

ENGINE EQUIPMENT

Exhaust brake

Aluminum housing clutch flywheel

Electronic idling control.

CLUTCH

Clutch 430 GD 900 (430MFZ on Opti driver)

Single-plate. Air-assisted hydraulic actuation.

Automatic clearance adjustment.

GEARBOX

ZF 16S 1830 TO

16 forward synchronized gears and 2 reverse gears (13.8 - 0.84). Aluminum casing. Air splitter unit with pre-selection valve on the lever. Super H gear selection grille. Gear change assist by SERVOSHIFT. Cable controls. Economical driving assistance (DMS - Driving Monitoring System).

RETARDER

Exhaust brake retarder (135 Kw at 2100 rpm on DXi11, 193kW à 2300 rpm on DXi13) 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 on mechanical g,box, 800 Nm on Opti driver.

Ratios:

0.9 / 1.09 (16S TO) ; 0.70 / 0.90 (Opti driver+ AT) ;

0.88 / 1.1 (Opti driver+ ATO)

REAR DRIVE AXLE

P 1361 rear axle with hub reduction (3.46).

Rear axle ratio 20 x 27 (ratio 1.35).

STEERING

Hydraulic power assistance.

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

AXLE

Load capacity: Front axle: 7.5 t.

WHEELS AND TYRES

B. 1200 R20 R187 / R187

Steel roadwheels.

Front wheel embellishers.

Spare wheel and tyre supplied loose.

BRAKING SYSTEM

Main brake :

Electropneumatic braking system with two independent circuits,

Drum brakes.

Braking capacity <= 70tonnes Electronic APM (Air Product Management): cartridge air dryer, optimized 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: 225mm.Brake lever 170 mm.Total linings area: 10 299 mm².Vertical brake cylinders.

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 cathaphoretic paint treatment.

Global cab 2-door.

Front panel with honeycomb radiator grille.

Anti-spray deflectors.

Cab 4-point mechanical suspension.

Hydraulic cab tilt mechanism.

2 manually adjustable rearview 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. Sun-shade.

INTERIOR :

Normal roof equipped with storage ledge.
Storage box 50 L
Hand-operated roof air vent.
Cab soundproofing.
Grab handles.
Adjustable driver's seat with seat belt, legroom adjustment for resting period.
Fixed passenger's seat with seat belt.
Head Restraint
Storage compartments in both doors.
Removable storage cases (21l) back on passenger seat.

Soft Door Trim

Boot socket on gear lever console.

Integrated air conditioner with manual regulation
Radio CD : Tuner FM / AM, CD player. 2 HP 130mm
Woofer, 2 HP19mm Tweeter . Remote controls at steering wheel.

Fire extinguisher capacity 2 kg.

Onboard Driving & Servicing handbook in Export English.

INSTRUMENT PANEL :

Electronic dashboard with :

- numeric display for speed & rpm.
- external temperature & time display.
- analogic oil level, water temperature & air pressure display.
- warning light.
- numeric display for secondary driving information.

- anti -reflection screen

Information display lighting intensity and sound level adjustment. Lights not switched on alert. Drinking cup location or removable ashtray.

LIGHT CABINE ADJUSTMENT

Cigar-lighter

Instrument panel bleed control.

DIAG socket.

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

STEERING-MOUNTED EQUIPMENT:

Steering lock.

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

Alternator 110 A.

24V voltage supplied by two batteries. Master switch and fuse box in battery tray. Lighting to EEC standards.

Electrical headlights beam adjuster.

Round tail lights.

CHASSIS

Bad road condition usage - construction
XPERT Version heavy duty conditions adapted, electronics box.

Reminder :

- Dashboard "eco" without non vital failure
- Inter axle differential blocking inter wheel in rear speed position
- Protection for APM, mult "T", clutch, inter wheel, inter axle locking.
- Inter axle reinforced transmission
- oil level indicator on front side

Chassis width: Front: 1080 Rear: 850 Sidemembers module: 300 x 90 x 8. Sidemember 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.

Tool box on chassis 55L

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 :

Parabolic rear suspension.

Rear suspension capacity 15T with 4 leaf

Rear anti-roll bar.

Telescopic shock absorbers.

FUEL TANK

Main steel tank : 415 litres capacity. (348 kg of diesel) D- shaped 560 mm diam. Locking fuel filler cap.

Without fuel heater.

STANDARD EQUIPMENT

Side exhaust.

Dusty surroundings air filtration.

Onboard kit.

. Hydraulic jack - Tool kit.

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