



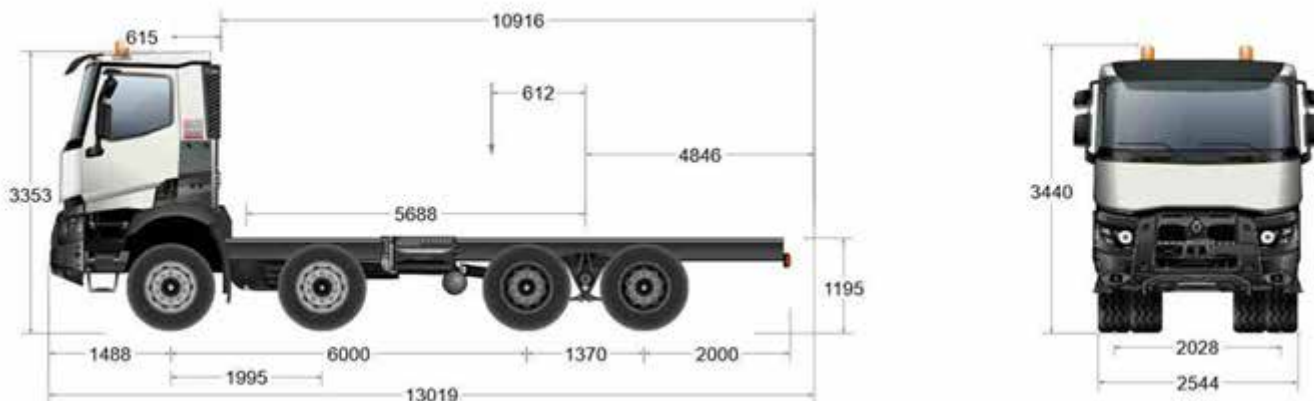
K

RENAULT TRUCKS
CONSTRUCTION OFFER
K420 R8X4 HEAVY
13L E3

www.renault-trucks.com



**RENAULT
TRUCKS**



DIMENSIONS

Wheelbase.....	6 000 mm
Overall Chassis Length.....	10 783 mm
Overall height.....	3 440 mm
Overall width.....	2 544 mm
Front Ground clearance.....	383 mm
Rear Ground clearance	338 mm
Kerb to Kerb turning radius	12 260 mm

WEIGHTS

Kerb Weight.....	10 927 kg
Front axle capacity.....	7 069 kg
Rear axles capacity	3 858 kg
Gross Vehicle Weight.....	42 000 kg
Available load.....	31 073 kg

ENGINE

DXi 13 - 6 cylinders in-line Diesel Engine	
Capacity.....	12,8 L
High pressure fuel injection by injector pump	
Max. Power.....	420 hp - 1450 to 1 800 rpm
Max. Torque	2400 Nm - 1050 to 1400 rpm
Engine retarder max. power.....	414 kW @2300rpm
Emission standard	Euro III

CLUTCH

Clutch Type.....	Single plate - 430 mm
Clutch actuation.....	Electro pneumatic

GEARBOX

Type.....	Optidriver AT 2612 XTREM
No. of Gear.....	12 forward + 3 reverse
Gear and clutch actuation.....	fully automated
Mode selection.....	auto/manual from steering wheel
Enhanced software for heavy-duty use (Xtrem)	
Heavy duty transmission oil cooler	
Power Take-Off.....	PTO S81 Max Torque: 1000 Nm

REAR AXLES

Type	PMR3361R double reduction / ratio 4,58
Cast iron housing designed for off-road	
Integral differential lock	

FUEL TANK

Type.....	Main steel tank/255 L
-----------	-----------------------

WHEELS AND TYRES

Dimension.....	13 R 22.5
----------------	-----------

SUSPENSION

Front.....	3-leaf reinforced parabolic, maintenance-free
Rear.....	11-leaf reinforced elliptic

BRAKES AND SAFETY

Drum brakes
Electronic Brakes System (EBS)
Electronic Air production management (EACU)
Electronic parking brake (EPB)
Reinforced parking brake
Coupling of retarders and Services brakes
Braking with 2 independents circuits
ABS Braking system with Off Road mode
Hill Start Aid (HSA)
Emergency braking assist (AFU)
Brake performance warning

ELECTRICAL EQUIPMENT

Battery capacity	185 Ah
Alternator	110 A
LED rear signaling/lighting (EEC standard e2 10113)	

CAB INTERIORS

Air conditioning, air filtration with washable filter
Pneumatic suspended and adjustable driver seat
Digital display for essential driving information
Automatic engine shutdown

EXTERIORS

Day cab, 4 points mechanical suspension
Steel cab, electro-zinc plated & cataphoretic treatment
Steel bumper – approach angle 32°
Front towing device 32 T capacity
2 wide angle rearview mirror (kerb view)
Tinted, Laminated windscreen
2 rotating orange LED lights
Twin air horns – roof mounted

TELEMATICS

Optifleet: 5 years prepaid subscription
CHECK: fuel & driver performance monitoring
MAP+: geolocation, geofencing and route analysis

3 YEARS WARRANTY

1st year full/unlimited mileage.
2 nd and 3 rd year: driveline (max 450 000km)