

RANDON RK 628C ▶ OFF-ROAD TRUCK



APPLICATION IN MINING, CIVIL WORKS AND HEAVY CONSTRUCTION. COMFORTABLE, SAFE AND PRODUCTIVE.

- Load capacity for 28 ton
- Fully automatic traction with hydraulic retarder.
- 6x6 Drive
- 100% lock
- Modern lines
- Great autonomy
- Greater comfort

Engine

Scania DC9 60A / 284 cv / 104 kgfm at 1400 Rpm

Axles

Planetary axles with total reduction of 14,56:1
Front axles and rearmost rear axle with total differential lock.
Anterior rear axle with interaxle differential.
Longitudinal lock among the three axles on transfer case and interaxle.

Transmission

ZF Ergopower 6WG-210 auto-shift with 6 speeds forward and 3 reverse, with hydraulic retarder brake.

Chassis

Composed of three modules: front, rear and articulating pivot.
Built in highly resistant material.

Tires

Front and Rear: 20,5 R 25

Suspension

Front: "all terrain" type on 4 points, with two rubber air bags, automatic leveling valve, 4 hydraulic shock-absorbers and stabilizer.
Rear: "all terrain" tandem bogie type, rubber dampers, stroke limiters and individual oscillation between axles.

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Brake system

Service:

Disc brake on the six wheels actuated by air over oil. Double circuit. Two calipers actuate on front axle and four calipers actuate on center and rear axles (in compliance with SAE J1473 Standard).

Parking:

In the event of air pressure fall or low air pressure, the brake is actuated by the spring brake action, in accordance with ISO 3450 Standard.

Emergency:

Disc brake on the six wheels actuated by the spring brake. In the event of air pressure fall or low air pressure in the system, the brakes are automatically actuated.

Hydraulic system

Double-acting cylinders and brake on stroke limiter, assembled on the body sides, enabling a tipping angle of 68°.

Four-position control valve: DUMP – HAULT – RETURN – FLOAT.

Tipping time: 15s

Return time: 11s

Double hydraulic gear pump:

Flow:.....154 + 72lpm at 180 bar.

Maximum working pressure:.....175 bar

The flow of pumps combine for tipping action

Dump body

Built in U-beam structural steel plate. Internal lining in steel plate highly resistant to wear.

Steering system

Two double-acting cylinders acting directly on articulating pivot, controlled by a servostat with load sensor that pilots a priority valve, providing in the servostat only the oil necessary for the moment.

Cab

All steel cab with four attachment points, vibration dampers, thermal-sound insulation, operator's center seat with hydraulic suspension and passenger seat. Convex rear-view mirrors.

Panel

Air manometer
Engine water thermometer
Fuel level indicator
Hourmeter
Speedometer

Engine rpm indicator
Engine oil manometer
Transmission oil thermometer
Fail sensor (warning light indicates when the engine must be switched off).

Electric system

Transformer:24/12V

Voltage: 24V

Battery:2 units of 12V

Charge capacity: 2x150Ah

Start capacity:2x480A

Alternator: 28v e 65A

Standard equipment

Adjustable steering column	Fault unit
Cab light	Safety belt
Ducts for dump body heating	Passenger's seat
Turning lights and blinkers	Tire inflation valve
Open door limiter	Windshield washer
Engine protection plate	Automatic emergency steering pump
Adjustable seat with hydraulic suspension	Fire extinguisher
Horn	Raised body safety system
Convex rear-view mirrors	Protection screen for rear glass
Rear trailer pin	Dump body reinforcement for operation with rocks
Back-up alarm	
Back-up light	

Optional equipment

Air conditioning	Radio and CD player
Cab heat	Rear windshield with wiper and washer
Engine cold start kit	Tailgate
Alcohol injection in the pneumatic system	

Operating data

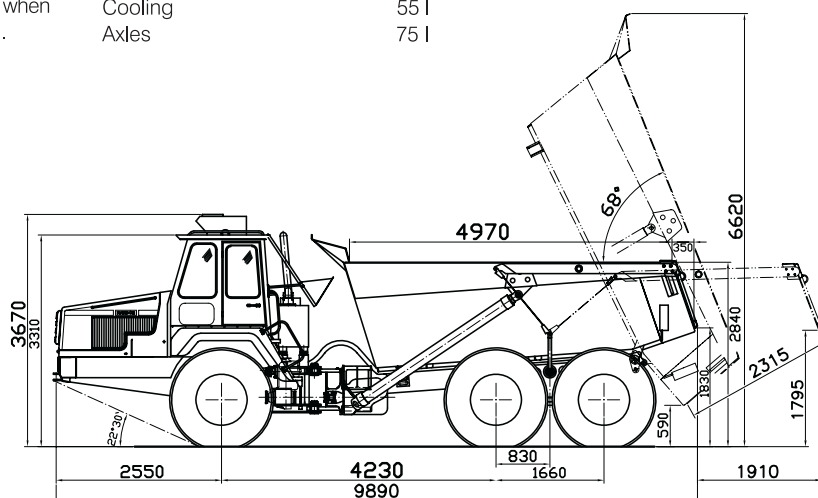
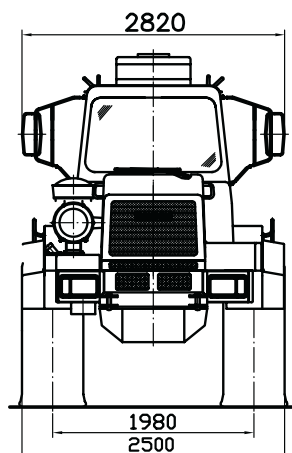
Maximum speed: 48 km/h
Minimum turning radius: 9,06 m
Minimum tunnel width: 9,37 m
Load capacity: 25.400 kgf (28 short ton)
Dump Body volume: Struck 12,7 m³
Heaped 2:1 15,5 m³
External width / body internal width: 2,59m / 2,50m
Weight (empty): Front axle - 10090 Kg
Rear axle - 10970 Kg
(loaded): Front axle - 14700 Kg
Rear axle - 31860 Kg

Tare: 21060 Kg

Service capacities

Fuel tank	260 l
Crankcase + Filters	22,4 l
Transmission	37 l
Cooling	55 l
Axles	75 l

DIMENSIONS ►



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