

Cementing trucks AC-32 KAMAZ-43118 (ChMZ)

от 0 р



Варианты комплектации

Полные характеристики

Piston-type pump specifications

Brand	NC-320 (9T)
Type	Two-piston
Piston stroke, mm	250
Globoidal gear ratio	20,5
Max pump pressure, kgf/cm²	320
Max delivery volume, L/sec	23,4
Working fluid	Fluids used in cementing, washover and squeezing jobs

Water feeding centrifugal pump specifications

Model	CNS 38-154
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Centrifugal pump drive	Diesel, D 120
Peak pressure, MPa	1,2
Max pump capacity, L/sec	8,3

Manifold specifications

Measuring tank capacity, m³	6
Suction pipe nominal diameter, mm	100
Discharge pipe nominal diameter, mm	50

Failure properties

Average time between failures, hours	750
Average time of performance restoration, max hours	72
Average life until discarded, min years	8

KAMAZ-43118 chassis specification

Model	
Auxiliary equipment	Towing hitch, Power take off (PTO), Winch (depending on specification)
Brakers	
Brake lining width, mm	140
Dimensions: drum Ø, mm	400
Drive	pneumatic
Cab	
Configuration	day-cab or sleeper cab (depends on truck configuration)
Type	high or low roof, over the engine (depends on truck configuration)
Characteristic of gvw vehicle	
Climbing angle, no less, %	31
Maximum speed, no less, km/h	90
Outer turning radius between walls, m.	11,5-12,9
Clutch	
Actuation	hydraulic, with pneumatic booster
Type	diaphragm, single-disk, mod. ZF&SACHS MF 430
Electrical equipment	
Batteries, V/A hour	2x12/190
Generator, V/W	28/3000
Voltage, V	24

Engine	
Cylinder arrangement and number	V-shaped, 8
Cylinder Ø and piston stroke, mm	120/130
Degree of compression	17
Engine displacement, L	11,76
Fuel feed system	Common Rail
Maximum net horsepower, kW (h. p.)	221 (300)
at crankshaft rotation speed, rpm	1900
Maximum net torque, Nm (kgfm)	1275 (130)
at crankshaft rotation speed, rpm	1300
Model	740.662-300
Type	turbocharged diesel, with aftercooling
Final drive	
Ratio	5,94
Transfer case	
Control	pneumatic
Type	mechanical, two-speed with interlocking differential
Fuel system	
Fuel tank capacity, L	210 or 350 or 210+210 or 350+210 (depending on specification)
Transmission	
Control	mechanical, remote control
Gear ratios	1-9,48; 2-6,58; 3-4,68; 4-3,48; 5-2,62; 6-1,89; 7-1,35; 8-1,00; 9-0,75; 3X-8,97
Model	ZF 9S1310
Number of gears	9
Weight characteristics and loads	
Chassis curb weight, kg	8845...9395 (depending on specification)
Front axle load, kg	4785...5275 (depending on specification)
Rear axle load, kg	3810...4300
Gross combination weight, kg	33600
Gross trailer weight, kg	12000
Gross vehicle with superstructure weight, kg	21600
Rear trailer bogie load, kg	15800
Front axle load, kg	5800

Permissible mass of superstructure with load, kg	12680...12130 (depending on specification)
Wheels and tyres	
Rim size	10.00-20 or 12.2-20,9 (depending on specification)
Tyre size	390/95 R20 or 425/85 R21 (depending on specification)
Tyre type	pneumatic, with pressure control
Wheel type	disk wheels

Подробное описание

Cementing truck AC-32 on KAMAZ-43118 chassis is designed for cementing, well-sinking and servicing of oil and gas wells. It can be also used for washover and squeezing jobs.

Unit main components:

- water supply unit,
- manifold,
- pump,
- heating and exhaust system.

The unit can be equipped with a heating device of hydraulics - it ensures uninterrupted performance in regions with low temperatures. Manifold provides simultaneous operation of units. Oil temperature control system, which is located in a crankcase, displays all sensor data to a special panel in the vehicle.

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