



OFF-ROAD MEDIUM-DUTY TRUCK

Sadko NEXT



- Unique off-road capabilities:
 - Step-down gear
 - Front and rear axle differential locks
 - Tire inflation system
 - Large approach and departure angles
- Right- or left-hand drive
- High-performance YMZ diesel engine allowing for high torques even at minimum speed

SPECIFICATIONS

Vehicle specifications	C41A23 	C42A43 
Intended use and concept	Cargo transportation over public roads	
GVW	6.850 kg	
Curb weight	4.150	4.560
Maximum permissible front/rear axle load	2.950/4.350	3.250/4.350
Overall length (for vehicles fitted with a winch)	6.540	7.290
Overall width	2.335mm	
Overall cab height	2600/2800 mm	
Road clearance	315mm	
Angle between front wheels and bumper (front overhang)	40	
Angle between rear wheels and bumper (rear overhang)	39	
Wheelbase	3.770	4.515
Minimum turn radius	11	12.4
Max. slope capability	60%	
Fuel range on the highway	500 km with one fuel tank	
Fuel tank capacity	one or two, 95l each	
Winch, availability, type, features	A mechanical winch delivering maximum traction torque of 4.5t on the first cable layer may be installed as an option. Cable length 47m	
Payload area (drop-side platform)	3.400 / 2.175 / 365 (extension board 880)	
Engine	YMZ-534	
Power output / RPM	109.5kW (148.9 hp) / 2.300 RPM	
Max. torque / RPM	490 (1.200-2.100) Nm	
Compliance with standards	Euro-3 / Euro-5	
Transmission	Manual, five-speed, with or without power takeoff	
Transfer mechanism	Two-gear, with power takeoff	
Driving axles	Final drive: bevel, hypoid Differential - cam-type Front axle knuckles are fitted with constant velocity joints	
Brakes	Pneumatic	
Steering system	Integral screw-and-ball nut steering. Steering gear ratio: -16.6 (in the middle position); -19.6 (in the end positions). Adjustable tilt steering column	
Suspension	Front suspension-two longitudinal semi-ellipsoid leaf springs with rubber and metal connection to the joints, hydraulic double-action telescopic shock absorbers / rear suspension - two longitudinal semi-ellipsoid springs with rubber compression springs with double-action hydraulic telescopic shock absorbers	
Electric system and equipment	Single-wire, 12V, negative terminals of power sources and consumers are connected to the vehicle body, two maintenance-free batteries 6CT-110	
Rims and tires	12.00 R18	
Type and model of tires	KI-115AM	
Number and type of tire layers Weight load per tire	Ply rating - 8, supporting capacity rating- 135, max. permitted load per tire - 2.180kg, speed rating- K, max permitted speed - 110km/h	
Safety systems and devices, belts, fire extinguishers, etc.	Three-point safety belts for the driver and outer occupants of the passenger seats in the cab. Lap belt for the passengers on the central seats	
Maximum speed	95km/h	

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