





TRACKMASTER is a new generation of famous GAZ AWD trucks. The model combines unique cross-country capability with outstanding functionality and state-of-the-art design.

TRACKMASTER has inherited all of its predecessors' off-road talents and everything that made them possible in the first place: body angles, ground clearance, torsion frame, underdrive gear, locking differential of the front and rear axles and the tyre inflation system. The new vehicle offers greatly improved steerability and comfort.



ADVANTAGES



Pneumatic transfer case



60% approach angle and 315mm road clearance



1.2m fording depth



Pneumatic brakes with ABS system



Central tyre inflation



Electric winch - 12v front and rear option



Suspension drivers and passenger seats*



Differential locks front and rear



Free tray, snorkel and dual tanks



42 inch tyres



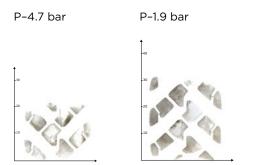
Optional Allison auto

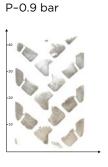
*Only available on the 6 seat version

A power take-off device that can be attached to the transmission or to the transfer case will make it possible to fit the truck with a broad array of add-on equipment.

Thanks to a reinforced frame made of high-strength steel, high load capacity tyres and axles, heavy duty rear suspension, and air brakes the truck can carry a heavier load without compromising drivability, reliability and overall structural strength.











ON-ROAD AND OFF-ROAD APPLICATION

Designing this truck, GAZ engineers sought to improve its on-road behavior by fitting it with an integral power steering system and parabolic suspension in the front. The upshot is that **TRACKMASTER** has become easier to steer, rides more smoothly and holds the road better. A fully-pneumatic braking system with ABS provides efficient braking even with a slight push on the brake pedal.









PERFORMANCE

Thanks to the reinforced frame made of high-strength steel, new driveline, wheels with improved wheel disks and new high capacity tyres and axles with new steering knuckles the vehicle now boasts greater load carrying capacity at the same time retraining outstanding reliability and structural strength. The new TRACKMASTER has a spacious three-seat cabin made of galvanized steel. The fordable depth is 1.2m.



not less than 31°





Obstacle height 400 mm



Fording depth 1200 mm



Ditch width 700 mm



ENGINE

The elastic YMZ 534 diesel engine delivers a lot of torque even at a very low speed. The engine's output is 149 h.p and 490 Nm of torque is available from 1200 rpm.



Me kgs-m ₁ N-m			Ne kW _j hp
50 - 500		11	10 - 150
45 - 450		10	140
10	Me /		130
10	ivie		120
35 350		3	30 - 110
			70 100
/	Ne		80
	(III)		70
/			- 60
ge		- 4	50
g/hp-h g/kW-h	9e	3	30 40
160 210			
150 190			
140 - 190			
1000	1400 1800	2200	n, min-1

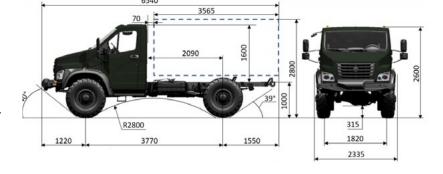
TECHNICAL SPECIFICATIONS	YMZ-53443
Power, kW (hp)	110 (150)
Max. torque, Nm (kgf-m)	490 (50)
Speed at max torque, rpm	1200-2100
Min, specific fuel consumption, g/hp per hour	197 (145)
Engine lifetime, thousand km	700
Dimensions, mm I/w/h	941/715/976
Weight, kg	480

CONFIGURATION AND COMFORT

The vehicle has an adjustable sprung driver's seat, an air conditioner, a heater, audio system with apple screen mirroring, under run mirror, tyre inflation system, central locking, adjustable steering column, electric windows, heated door mirrors and cruise control.

The standard cabin has seats for three people. The crew cab has seats for six with dual front suspension seats and is fitted with a rear seat convertible into a wide bed.

Crew cab is available for production once we have passed ADR's for the single cab.





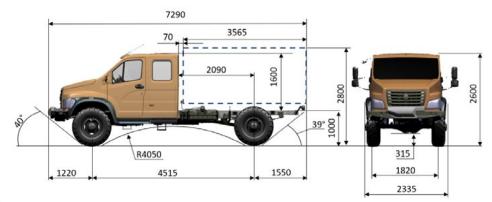


*Overseas models shown









VEHICLE SPECIFICATIONS	C41A23	C42A43	
Drive system	4x4		
Intended use and concept	Cargo transportation over public roads		
GVW, kg	7450		
Curb weight, kg	440	4800	
Maximum permissible front/rear axle load, kg	3200/4200		
Overall length (for vehicles fitted with a winch), mm	6665	7410	
Overall width, mm	2620		
Overall cab height, mm	2655		
Road clearance, mm	315		
Angle between front wheels and bumper, degree (front overhang angle)	40		
Angle between rear wheels and bumper, degree (rear overhang angle)	35		
Wheelbase, mm	3770	4515	
Minimum turn radius, m	11	12.4	
Maximum gradeability, %	60		
Fuel range on the highway	500km with one fuel tank		
Fuel tank, capacity, I	95 each		
Truck capacity (chassis), t	2.95 (extended base, single row cabin)	2.77 (extended base, double row cabin)	
12 v Winch, availability, type, features	17,000 pound or 25,000 pound sherpa winch		
Payload area (drop-side platform), I/w/h, mm	3.400 / 2.175 / 365 (extension board 880)		
Engine	YMZ-534		
Power output / RPM	109.5 kW (148.9 hp) / 2.300 RPM		
Max. torque /RPM	490 Nm / 1.200-2.100 RPM		
Transmission	Manual, five-speed, with or without power take-off, optional Allison auto		
Transfer mechanism	Two-gear, with power take off		
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 ratio: 16.6:1 (in the middle position); 19.6:1 (in the end positions). Adjustable tilt steering column		
Suspension	Front suspension: parabolic 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		

COLOUR CHART







WHITE



GREY TITAN



RED CHILLI



GAZ RACING













TRACKMASTER BUILT TOUGH



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