



TRUCKS AND BUSES

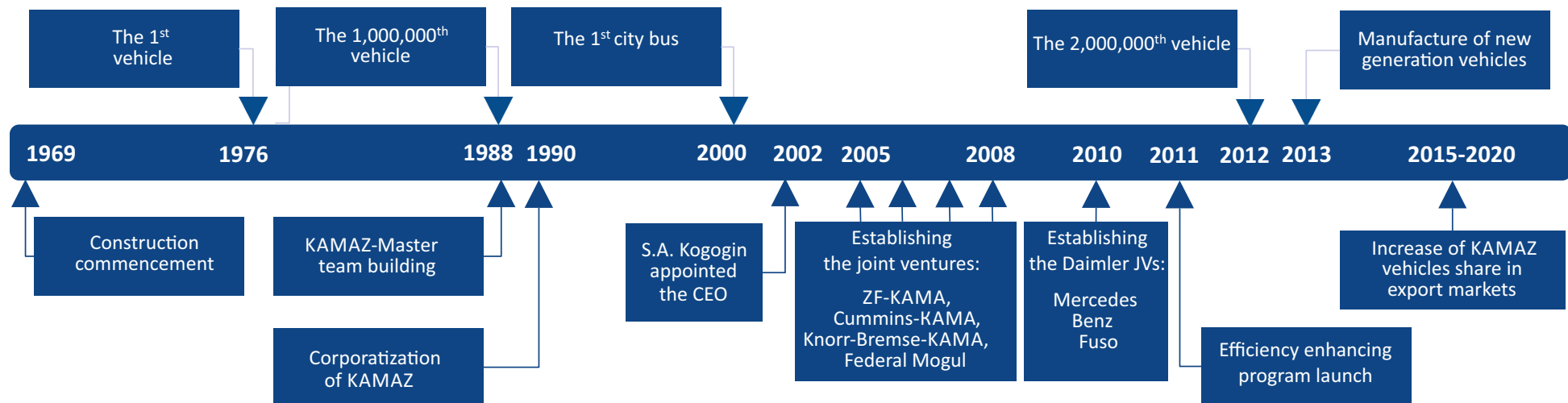


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KAMAZ background

KAMAZ Publicly traded company (KAMAZ PTC) is the largest manufacturer of heavy trucks and buses in Russia. The company has been on the market for more than 40 years. Its main production facilities and the headquarters are located in Naberezhnye Chelny, Russia.



Achievements

- Model line-up of medium-duty and heavy-duty trucks meeting Euro-2 to Euro-6 emission standards
- More than 50% of the Russian market share, since 2015
- Manufacturing capabilities of KAMAZ Group:
 - foundry and forging, press-forging and framing;
 - KAMAZ engine factory, drivetrain components manufacture (gearboxes, clutches, axles);
 - manufacture of special vehicles, trailers and semi-trailers, buses (NEFAZ);
 - production of concrete mixers and concrete pump trucks (Tuimazy Cement Mixer Truck Plant)
- Manufacturing capabilities:
 - 60 thousand vehicles per year;
 - 85 thousand engines and powertrains per year
- Leading positions in world-wide ratings of car manufacturers
- The Best Russian Exporter title
- Multiple champion of Dakar and Africa Eco Race rallies



Strategic partnership

Development of components

ZF (Zahnrad Fabrik)
transmission gearboxes
JV ZF KAMA



Cummins engines
JV CUMMINS KAMA



Commercial truck cabs
JV DAIMLER KAMAZ RUS



Brake gears,
torsion dampers

JV KNORR-BREMSE KAMA



Cylinder-piston group
JV FEDERAL MOGUL
NABEREZHNYE CHELNY



Hydraulic cylinders
JV PALFINGER KAMAZ
CYLINDERS



Expansion of product portfolio

Heavy-duty trucks



Mercedes-Benz

JV DAIMLER KAMAZ RUS



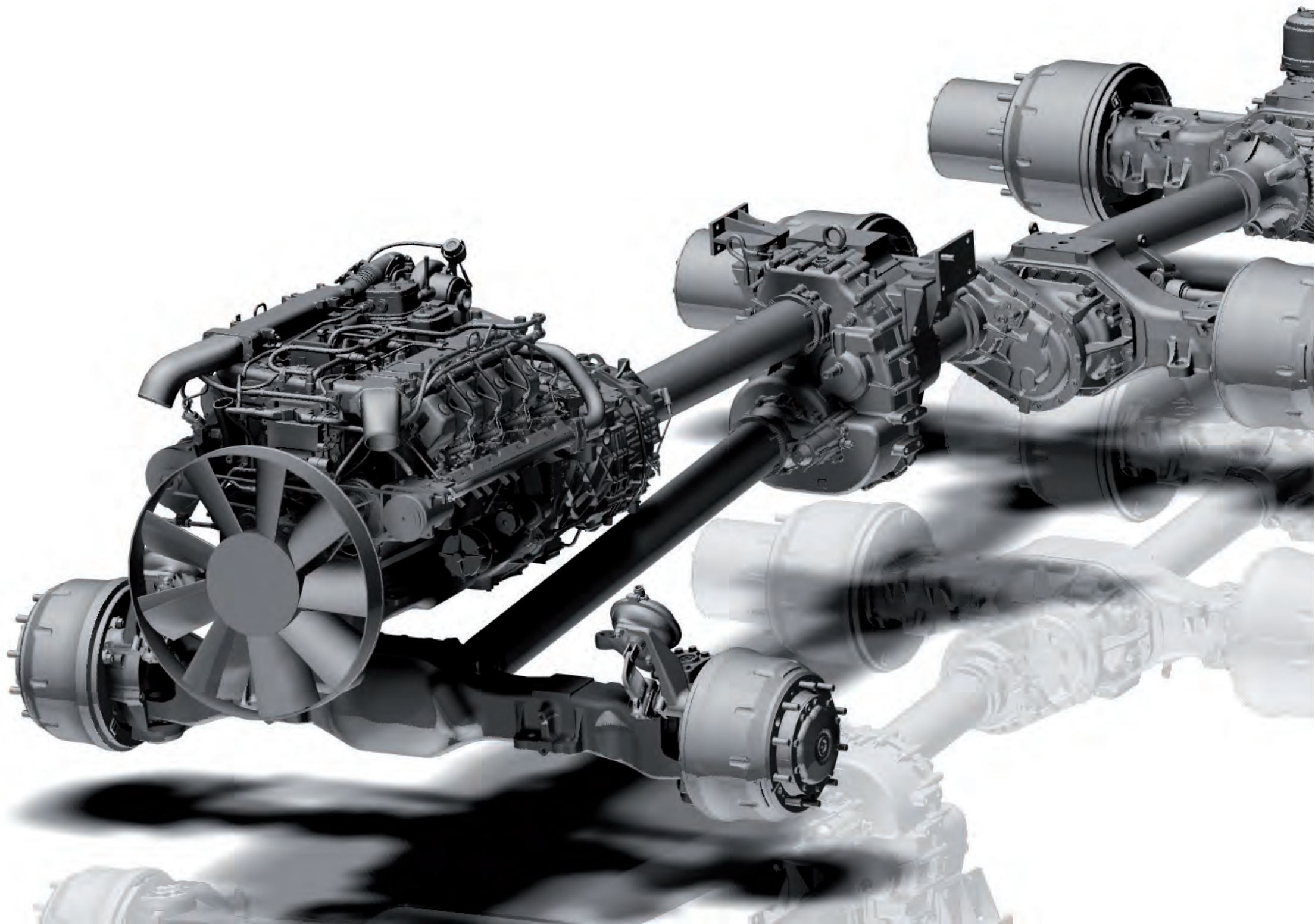
Medium-duty trucks

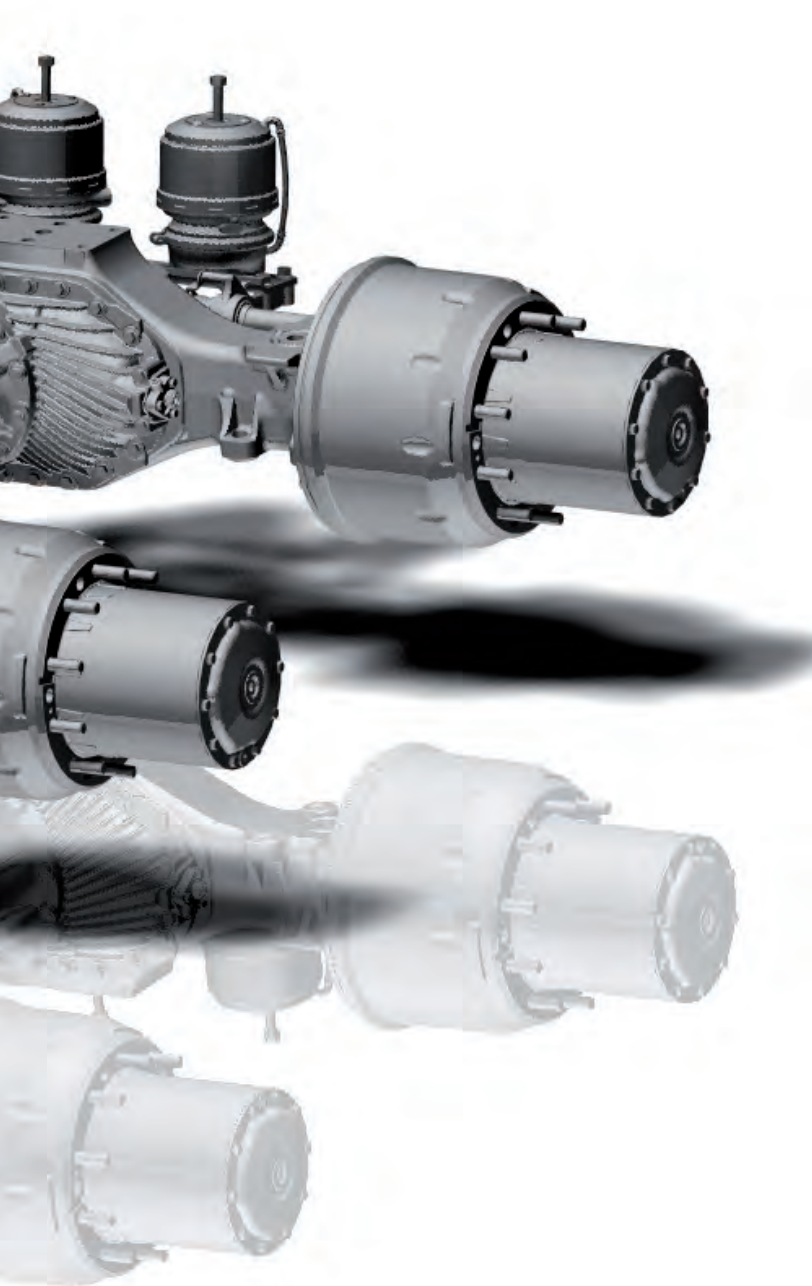


Lift vehicles

JV KRAN CENTER KAMAZ







Components of KAMAZ trucks and buses

KAMAZ commercial vehicles demonstrate high performance thanks to their up-to-date components. The modern KAMAZ commercial vehicle design results from the best effort of engineers and fruitful cooperation with world-renowned manufacturers.

The following joint ventures were created to develop advanced parts:

ZF KAMA — ZF gearbox production;

CUMMINS KAMA — Cummins engines production;

KNORR-BREMSE KAMA — Knorr-Bremse brake gear manufacture;

FEDERAL-MOGUL NABEREZHNYE CHELNY — manufacturing components of the cylinder-piston group.

This elevates KAMAZ vehicles to the level of world's leading automotive manufacturers.

Cab

Three generations of KAMAZ cabs

1) Classic

C1



C2



C3



C1 classic cab, metal counter-buffer, headlights on the cab

C2 classic cab, reinforced-plastic lower frame crossmember, for all KAMAZ vehicles

C3 classic cab, plastic lower frame crossmember for heavy vehicles and some road vehicles (optional: headlights on the cab such as C1)

R restyling cab without an air suspension

RS restyling cab with an air suspension

A cab mounted on Daimler component parts

2) Restyling

R, RS



3) Advanced

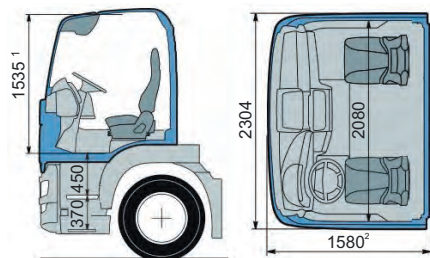
A



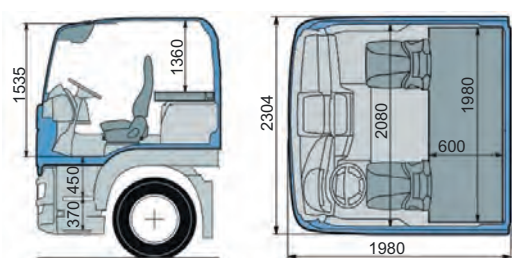
Cab's overall dimensions

Classic (C1, C2, C3), Restyling (R, RS)

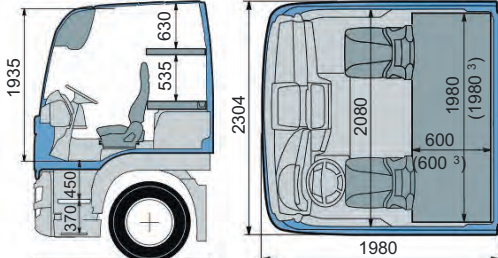
Day Cab (no sleepers)



Sleeper Cab (one sleeper)

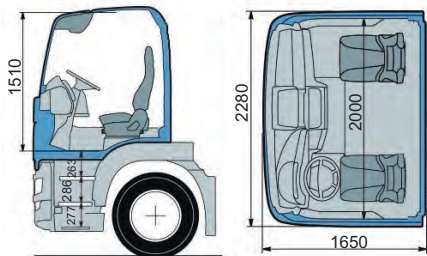


High Sleeper Cab (two sleepers)

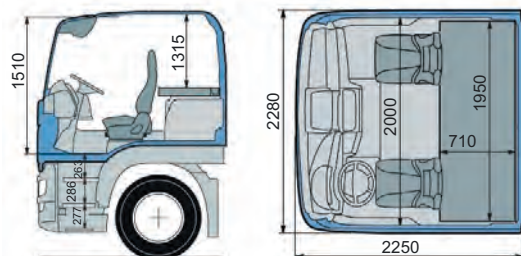


Advanced (A)

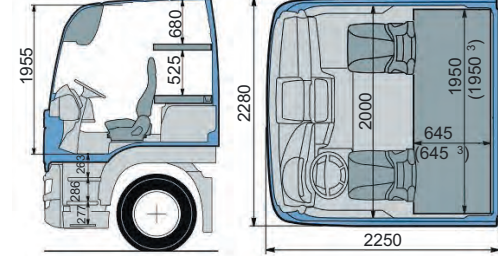
Day Cab (no sleepers)



Sleeper Cab (one sleeper)



High Sleeper Cab (two sleepers)



The given sketches do not reflect real design features of the KAMAZ cab and serve only as demonstration of overall dimensions

¹ Low top cab is also available for order, height - 1420 mm. Used for truck cranes.
² Type C1 cabs have a protruded metal counterbuffer which extends the cab length by approx. 200-300 mm
³ Dimensions of the upper (lower) sleeper

Cab color range

Primary colors

White	Yellow	Orange	Red	Red	Cherry	Blue	Green	Khaki	Sandy	Light yellow-gray
RAL9010	RAL1033	RAL2009	RAL3002	RAL3000	RAL3004	RAL5010	RAL6016			

Complementary colors

Yellow	Yellow	Red	Blue	Ivory	Brown
RAL1018	RAL1021	RAL3001	RAL5002	RAL1014	

Order execution time depending on the chosen color:
- the execution time can be longer when complementary rather than primary colors are selected.
- with colors not indicated herein the execution time can be 12 weeks longer and the client shall cover the manufacturer's extra outlay .

RAL colors are glazed, the rest is dim, khaki - deep dim, Red RAL3000 is more often used for fire engines.
The platform and cover are painted the cab color, metal trim package components are painted black, other information shall be stated in the order.

Classic cab. Exterior.



The spherical mirror improves overlook and excludes blind spots. (C3)



The front reinforced-plastic counter-bumper is highly impact-resistant and contributes to passive safety. (C2)



The triple wind-screen wiper cleans more than 90% of windscreen area. (C3)



Powerful headlights and fog lamps provide good visibility in challenging weather conditions. (C3)



Foot boards are outfitted with safety treads. (C3)



The front plastic bumper is made of impact-resistant plastic. (C3)

Classic cab. Interior.



Restyling cab. Exterior.



The new mirrors system. Bottom view and curb view mirrors precluding dead areas have been added.



The windscreen sunscreen prevents sunbeams from penetrating into the cab and heating the windshield and cab interior.



New headlights improve visibility. Head, marker and turning lights are located in one block.



Safety treads provide for safe ascending of a driver into cab.



New facing panel. Air cowlings thereon direct the air flow so that grab handles remain clean.



Counter-buffer facing made of impact-resistant plastic provides passive safety and protects from strokes and wear alike.

Restyling cab. Interior.



Advanced cab. Exterior.



Heated mirrors are equipped with an electric drive. The sunshade ensures traffic safety.



A new head optical system is equipped with inbuilt daytime running lights.



Foot boards are outfitted with safety treads.



Air cowlings directing the air flow below the level of grab handles keep the latter clean even in foul weather.



Side skirts optimise the air flow. Improved aerodynamics reduces the fuel consumption rate.

Advanced cab. Interior.



Engine

Correspondence of engines to UN regulations

Engines installed on KAMAZ vehicles and buses are certified as per Technical Regulations of Eurasian Customs Union «On wheeled vehicles safety» and UN regulations on emissions of toxic (contaminating) substances with exhaust gases, complying with the environmental standards from Euro-2 to Euro-6, incl. as per special emission classes 3 and 4 (EC-3 and EC-4 in the catalogue, respectively) in effect in the Eurasian Economic Union (EEU) countries:

KAMAZ engines

Model	Specifications				
	Fuel	Layout	Displacement, l	Nominal power	Peak torque
Euro-2, EC-3					
740.31-240 ¹	D	V8	10.857	176 kW (240 hp)@2200 rpm	932 Nm@1300 rpm
740.30-260 ¹	D	V8	10.857	191 kW (260 hp)@2200 rpm	1079 Nm@1300 rpm
740.55-300 ¹	D	V8	11.762	221 kW (300 hp)@2200 rpm	1177 Nm@1400 rpm
740.51-320 ¹	D	V8	11.762	235 kW (320 hp)@2200 rpm	1275 Nm@1400 rpm
740.50-360 ¹	D	V8	11.762	265 kW (360 hp)@2200 rpm	1470 Nm@1400 rpm
740.35-400 ¹	D	V8	11.762	294 kW (400 hp)@2200 rpm	1570 Nm@1400 rpm
740.37-400 ¹	D	V8	11.762	294 kW (400 hp)@1900 rpm	1766 Nm@1300 rpm
Euro-3					
740.65-240	D	V8	11.762	176 kW (240 hp)@1900 rpm	981 Nm@1300 rpm
740.62-280	D	V8	11.762	206 kW (280 hp)@1900 rpm	1177 Nm@1300 rpm
740.61-320	D	V8	11.762	235 kW (320 hp)@1900 rpm	1373 Nm@1300 rpm
740.60-360	D	V8	11.762	265 kW (360 hp)@1900 rpm	1570 Nm@1300 rpm
740.63-400	D	V8	11.762	294 kW (400 hp)@1900 rpm	1766 Nm@1300 rpm
740.64-420	D	V8	11.762	309 kW (420 hp)@1900 rpm	1864 Nm@1300 rpm
EC-4					
740.652-260	D	V8	11.762	191 kW (260 hp)@1900 rpm	1128 Nm@1300 rpm
740.622-280	D	V8	11.762	206 kW (280 hp)@1900 rpm	1177 Nm@1300 rpm
740.662-300	D	V8	11.762	221 kW (300 hp)@1900 rpm	1275 Nm@1300 rpm
740.612-320	D	V8	11.762	235 kW (320 hp)@1900 rpm	1373 Nm@1300 rpm
740.602-360	D	V8	11.762	265 kW (360 hp)@1900 rpm	1570 Nm@1300 rpm
740.632-400	D	V8	11.762	294 kW (400 hp)@1900 rpm	1766 Nm@1300 rpm
740.642-420	D	V8	11.762	309 kW (420 hp)@1900 rpm	1864 Nm@1300 rpm

Gross horsepower is presented in the table for Euro-2, EC-3 engines, for the rest - net horsepower (max. net capacity), i.e. gross horsepower deducted by the power consumed by the cooling fan.

Environmental grades	UN regulations
Euro-2	№49-02, emission level B
Emission class 3 (EC-3)	№96-01
Euro-3	№49-04, emission level A
Emission class 4 (EC-4)	№96-02
Euro-4	№49-05, emission level B1
Euro-5	№49-05, emission level B2
Euro-6	№ 49-06

Model	Specifications				
	Fuel	Layout	Displacement, l	Nominal power	Peak torque
Euro-4					
740.70-280	D	V8	11.762	206 kW (280 hp)@1900 rpm	1177 Nm@1300 rpm
740.71-320	D	V8	11.762	235 kW (320 hp)@1900 rpm	1373 Nm@1300 rpm
740.72-360	D	V8	11.762	265 kW (360 hp)@1900 rpm	1570 Nm@1300 rpm
740.73-400	D	V8	11.762	294 kW (400 hp)@1900 rpm	1766 Nm@1300 rpm
740.74-420	D	V8	11.762	309 kW (420 hp)@1900 rpm	1864 Nm@1300 rpm
820.60-260	G	V8	11.762	191 kW (260 hp)@2200 rpm	1079 Nm@1400 rpm
820.61-260	G	V8	11.762	191 kW (260 hp)@2200 rpm	932 Nm@1400 rpm
820.62-300	G	V8	11.762	221 kW (300 hp)@2200 rpm	1226 Nm@1400 rpm
820.63-320	G	V8	11.762	235 kW (320 hp)@2200 rpm	1373 Nm@1400 rpm
Euro-5					
740.705-300	D	V8	11.762	221 kW (300 hp)@1900 rpm	1177 Nm@1300 rpm
740.715-320	D	V8	11.762	235 kW (320 hp)@1900 rpm	1373 Nm@1300 rpm
740.725-360	D	V8	11.762	265 kW (360 hp)@1900 rpm	1570 Nm@1300 rpm
740.735-400	D	V8	11.762	294 kW (400 hp)@1900 rpm	1766 Nm@1300 rpm
740.745-420	D	V8	11.762	309 кВт (420 hp)@1900 rpm	1864 Nm@1300 rpm
740.755-440	D	V8	11.762	324 kW (440 hp)@1900 rpm	2060 Nm@1300 rpm
820.90-260	G	V8	11.762	191 kW (260 hp)@2200 rpm	1079 Nm@1500 rpm
820.91-260	G	V8	11.762	191 kW (260 hp)@2200 rpm	932 Nm@1500 rpm
820.92-300	G	V8	11.762	221 kW (300 hp)@2200 rpm	1226 Nm@1500 rpm
820.93-320	G	V8	11.762	235 kW (320 hp)@2200 rpm	1373 Nm@1500 rpm

D - diesel; G - natural gas

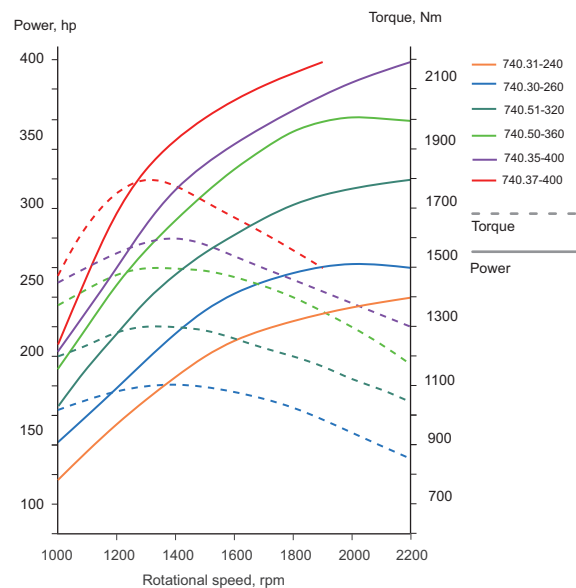
¹ depending on UN Regulation №49-02B or №96-01 which cover transport, the engine shall comply with the emission standard Euro-2 or emission class 3 (EC-3), respectively.

KAMAZ engines

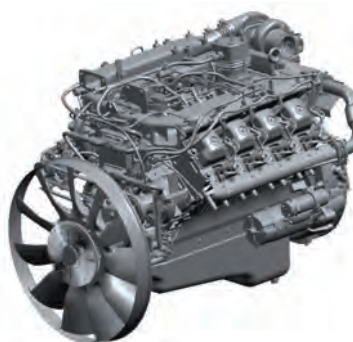
Euro-2 engines



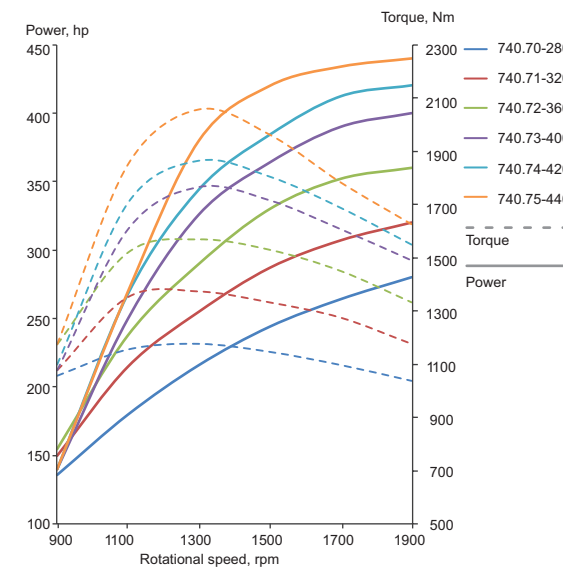
KAMAZ 740.31-240



Euro-4 engines



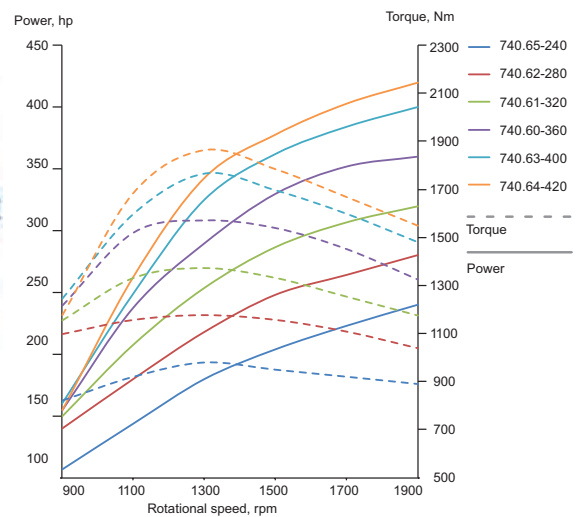
KAMAZ 740.73-400



Euro-3 engines



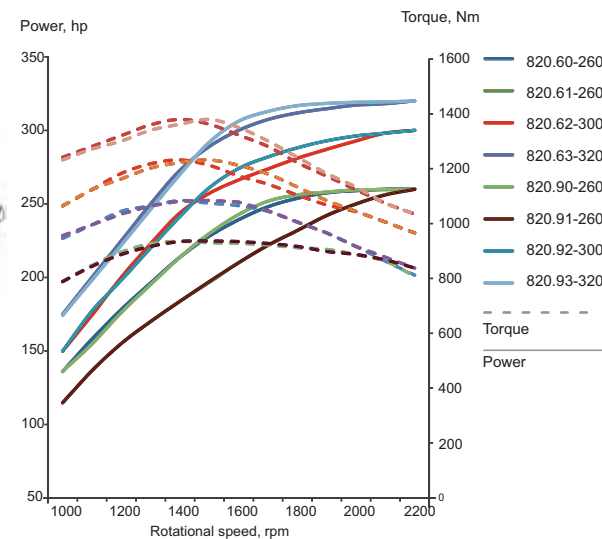
KAMAZ 740.60-360



Euro-4/5 engines (gas)



KAMAZ 820.62-300



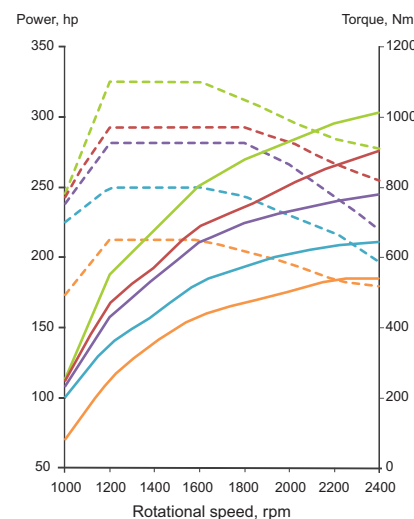
Cummins engines

Model	Specifications				
	Fuel	Layout	Displacement, l	Nominal power	Peak torque
EC-3					
6ISBe300	D	R6	6.7	223 kW (299 hp)@2300 rpm	1110 Nm@1500 rpm
L360 20	D	R6	8.9	264 kW (359 hp)@2200 rpm	1480 Nm@1400 rpm
Euro-3					
4ISBe185	D	R4	4.5	136 kW (185 hp)@2500 rpm	650 Nm@1200-1700 rpm
6ISBe210	D	R6	6.7	155 kW (210 hp)@2500 rpm	800 Nm@1200-1700 rpm
6ISBe245	D	R6	6.7	180 kW (245 hp)@2500 rpm	925 Nm@1200-1700 rpm
6ISBe270B	D	R6	6.7	198 kW (269 hp)@2500 rpm	970 Nm@1200-1700 rpm
6ISBe285	D	R6	6.7	210 kW (285 hp)@2500 rpm	970 Nm@1200-1700 rpm
ISXe535 30	D	R6	14.9	393 kW (542 hp)@2000 rpm	2508 Nm@1100-1500 rpm
EC-4					
ISB6.7 250	D	R6	6.7	186 kW (250 hp)@2300 rpm	990 Nm@1500 rpm
ISB6.7 275	D	R6	6.7	205 kW (275 hp)@2500 rpm	990 Nm@1500 rpm
ISB6.7 300	D	R6	6.7	219 kW (300 hp)@2500 rpm	1100 Nm@1700 rpm
QSX15-560	D	R6	14.9	418 kW (568 hp)@1800 rpm	2365 Nm@1400 rpm
QSX15-600	D	R6	14.9	447 kW (608 hp)@2100 rpm	2542 Nm@1400 rpm
Euro-4					
ISB4.5e4 185	D	R4	4.5	132 kW (180 hp)@2500 rpm	700 Nm@1200-1600 rpm
ISB4.5e4 185B	D	P4	4.5	136 kW (185 hp)@2300 rpm	700 Nm@1200-1600 rpm
ISB6.7e4 245	D	R6	6.7	180 kW (245 hp)@2300 rpm	950 Nm@1200-1800 rpm
ISB6.7e4 270B	D	R6	6.7	188 kW (257 hp)@2100 rpm	970 Nm@1200-1700 rpm
ISB6.7e4 300	D	R6	6.7	221 kW (298 hp)@2500 rpm	1100 Nm@1300-1800 rpm
ISLe400 40	D	R6	8.9	294 kW (400 hp)@2100 rpm	1700 Nm@1400 rpm
Euro-5					
ISB4.5E5 185	D	R4	4.5	136 kW (185 hp)@2300 rpm	700 Nm@1200-1500 rpm
ISB4.5E5 185B	D	P4	4.5	136 kW (185 hp)@2300 rpm	700 Nm@1200-1800 rpm
ISB6.7E5 210B	D	R6	6.7	149 kW (202 hp)@2300 rpm	787 Nm@1300 rpm
ISB6.7E5 250	D	R6	6.7	178 kW (242 hp)@2500 rpm	937 Nm@1300 rpm
ISB6.7E5 250B	D	R6	6.7	175 kW (238 hp)@2300 rpm	1007 Nm@1300 rpm
ISB6.7E5 285	D	R6	6.7	204 kW (278 hp)@2500 rpm	1007 Nm@1300 rpm
ISB6.7E5 300	D	R6	6.7	215 kW (292 hp)@2500 rpm	1087 Nm@1300 rpm
ISL8.9E5 400	D	R6	8.9	294 kW (400 hp)@2100 rpm	1700 Nm@1400 rpm
Euro-6					
ISB6.7E6 260	D	R6	6.7	194 kW (263 hp)@2300 rpm	1000 Nm@1100-1800 rpm
ISB6.7E6 290	D	R6	6.7	217 kW (295 hp)@2300 rpm	1100 Nm@1200-1800 rpm
ISB6.7E6 320	D	R6	6.7	239 kW (325 hp)@2300 rpm	1200 Nm@1100-1800 rpm
L9E6 C370	D	R6	8.9	276 kW (378 hp)@2100 rpm	1600 Nm@1400 rpm
ISL9E6 400	D	R6	8.9	298 kW (405 hp)@2100 rpm	1695 Nm@1400 rpm

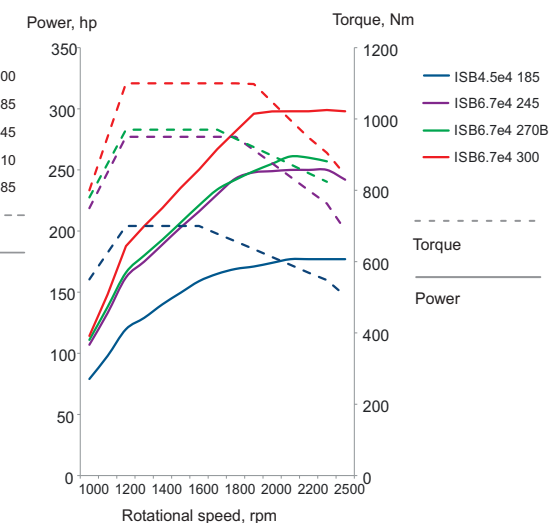
D - diesel

Gross horsepower is presented in the table

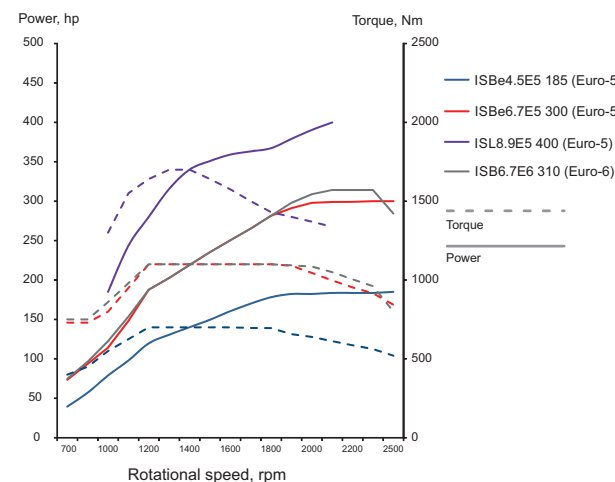
Euro-3, EC-3 engines



Euro-4 engines



Euro-5, 6 engines



Cummins
ISB6.7E5300

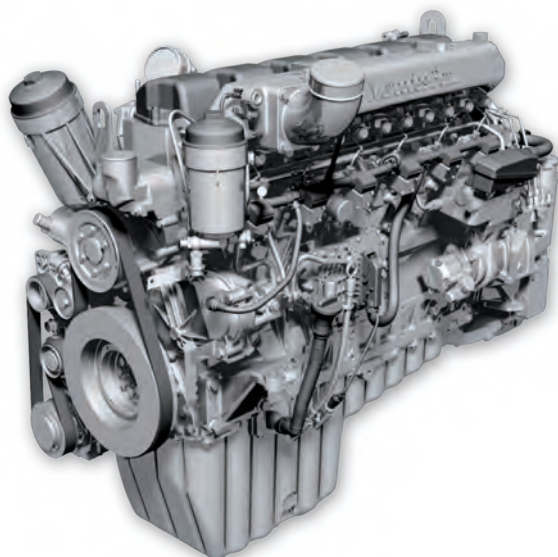
Daimler engines

Model	Specifications				
	Fuel	Layout	Displacement,l	Nominal power	Peak torque
Euro-3					
OM 457 LA.III/9	D	R6	11.9	315 kW (428 hp)@1900 rpm	2100 Nm@1100 rpm
Euro-5					
OM 457 LA.V/2	D	R6	11.9	295 kW (360 hp)@1900 rpm	1850 Nm@1100 rpm
OM 457 LA.V/3	D	R6	11.9	295 kW (401 hp)@1900 rpm	2000 Nm@1100 rpm
OM 457 LA.V/4	D	R6	11.9	315 kW (428 hp)@1900 rpm	2100 Nm@1100 rpm

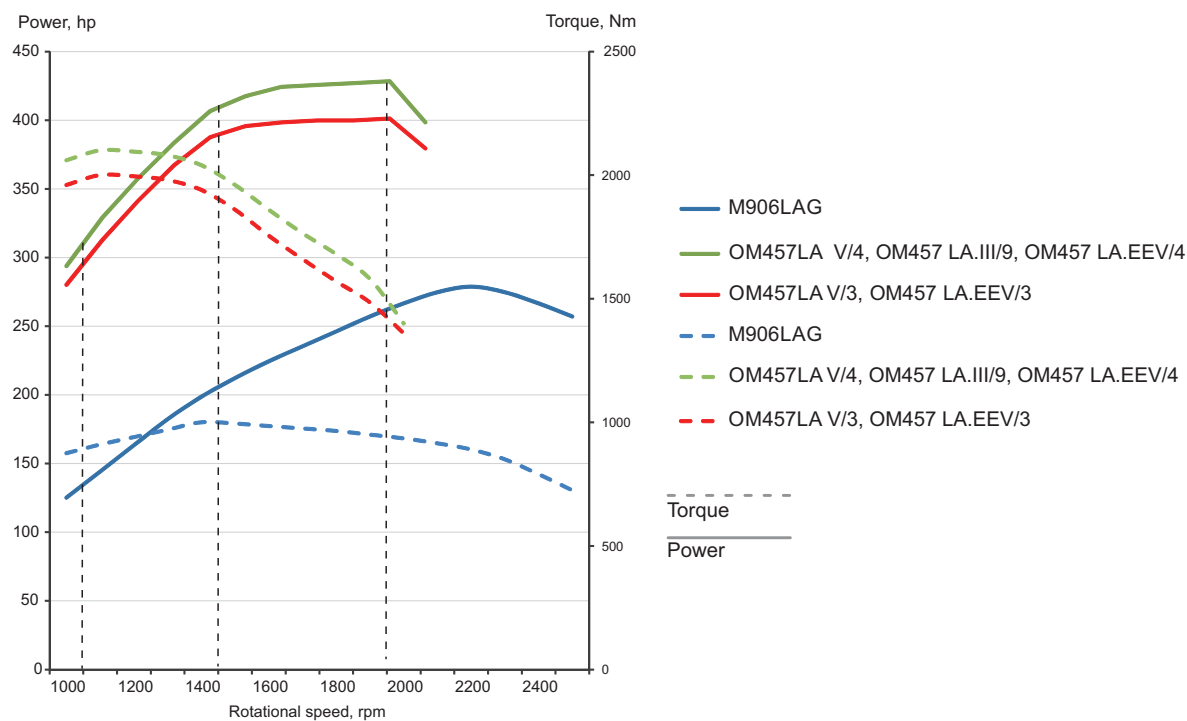
Model	Specifications				
	Fuel	Layout	Displacement,l	Nominal power	Peak torque
Euro-5 EEV					
M 906 LAG. EEV/1	G	R6	6.8	205 kW (279 hp)@2200 rpm	1000 Nm@1300 rpm
OM 457 LA.EEV/3	D	R6	11.9	295 kW (401 hp)@1900 rpm	2000 Nm@1100 rpm
OM 457 LA.EEV/4	D	R6	11.9	315 kW (428 hp)@1900 rpm	2100 Nm@1100 rpm

D - diesel G - natural gas (CNG)

Gross horsepower is presented in the table



Daimler OM 457 LA.V/4



Weichai engines

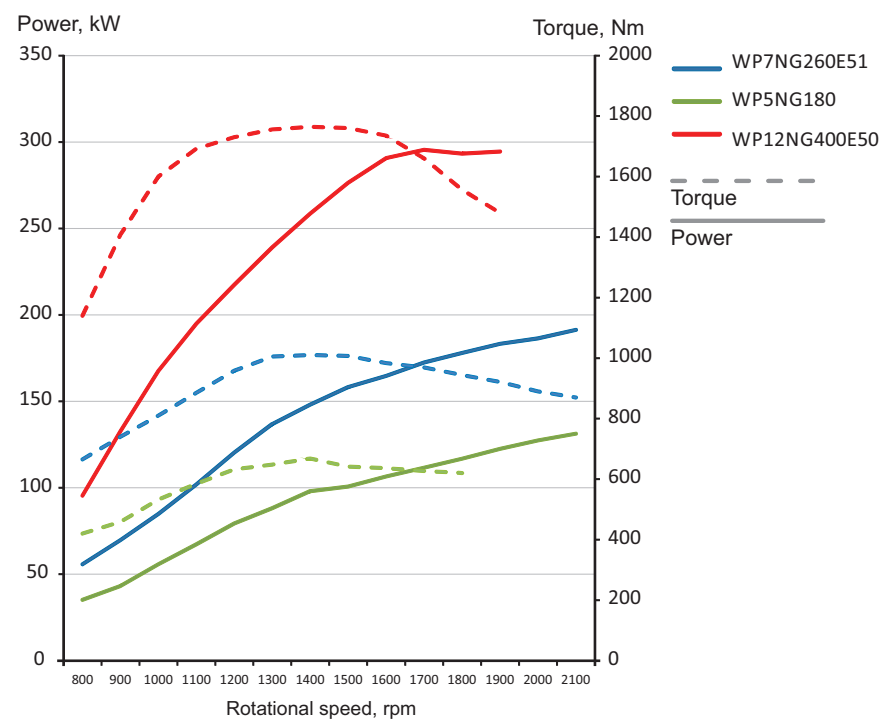
Model	Specifications				
	Fuel	Layout	Displacement, l	Nominal power	Peak torque
Euro-5					
WP4.1Q160E50	D	R4	4.1	118 kW (160 hp)@2600 rpm	520 Nm@1200-1800 rpm
WP4.1NG150E51	G	R4	4.1	110 kW (150 hp)@2600 rpm	500 Nm@1200-1800 rpm
WP5NG180E51	G	R4	5	132 kW (180 hp)@2100 rpm	650 Nm@1300-1500 rpm
WP7NG260E51	G	R6	7.5	191 kW (260 hp)@2100 rpm	1000 Nm@1300-1500 rpm
WP12NG400E50	G	R6	11.6	294 kW (400 hp)@1900 rpm	1730 Nm@1200-1500 rpm

D - diesel G - natural gas

Gross horsepower is presented in the table



Weichai WP12NG400E50

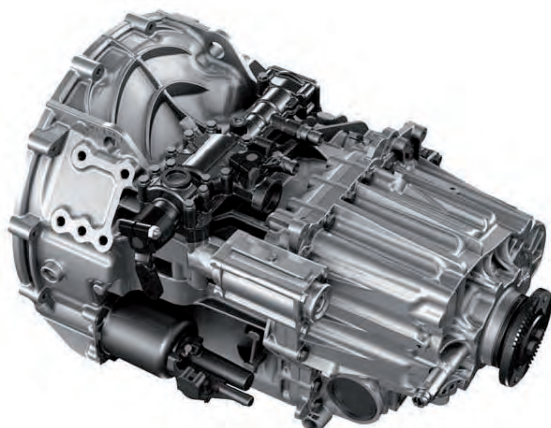


Transmission

Gearbox for buses

ZF gearboxes

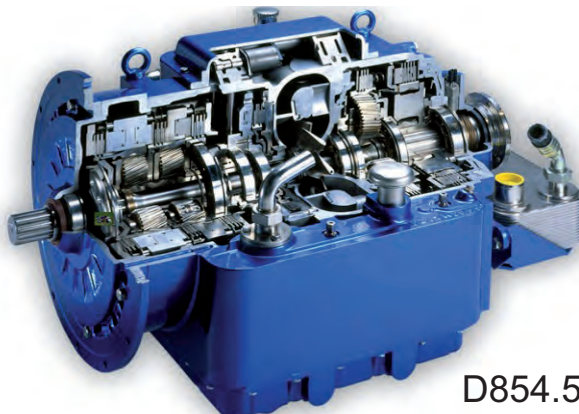
- Manual / automatic gearshift
- Input torque 1000 – 1300 Nm
- Number of gears - 6



6S1310BO

Voith gearboxes

- Automatic gearshift
- Input torque 1100 Nm
- Number of gears - 4



D854.5E,
D854.3E

Allison gearboxes

- Automatic gearshift
- Inbuilt retarder
- Number of gears - 6



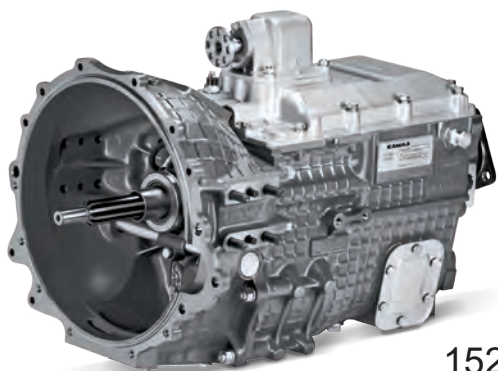
T270R

Make	Model	Specifications				
		Type	Input torque, Nm	Number of gears	Gear ratio	Weight, kg
ZF	Ecolite 6S700TO	manual	700	6	6.02-0.79	109
ZF	Ecolite 6S1200BO	manual	1200	6	6.75-0.83	181.5
ZF	Ecolite 6S1310BO	manual	1300	6	6.44 - 0.8	239
ZF	Ecolife 6AP1000B	automatic hydraulic power	1000	6	3.36 - 0.62	386
ZF	Ecolife 6AP1200B	automatic hydraulic power	1200	6	3.36-0.6	386
Voith	D854.3E / D854.5E	automatic hydraulic power	1100	4	6.2 - 0.7	355
Allison	T270R	automatic hydraulic power	900	6	3.49-0.65	303

Gearbox for trucks

KAMAZ gearboxes

- Manual gearshift
- Power take-off from the side hatch, top hatch and other options



152

Make	Model	Specifications			
		Input torque, Nm	Number of gears	Gear ratio	Weight, kg
KAMAZ	141	850	5	5.62-0.724	250
KAMAZ	142	850	5	7.82-1	250
KAMAZ	144	1100	5	7.82-1	250
KAMAZ	152	850	10	7.82-0.815	330
KAMAZ	154	1100	10	7.82-0.815	330

Gearbox type: manual gearshift

ZF gearboxes

- Manual / automated gearshift
- Models with and without the interarder
- Power take-off from the rear end's layshaft



12AS2130TO

Make	Model	Specifications			
		Input torque, Nm	Number of gears	Gear ratio	Weight, kg
ZF	Ecolite 6S700TO	700	6	6.02-0.79	109
ZF	Ecomid 6S1000TO	1000	6	6.75-0.18	134
ZF	Ecomid 9S1310TO	1300	9	9.48-0.75	198
ZF	Ecomid 9AS1310TO	1300	9	9.48-0.75	198
ZF	Ecomid 9S1315TO	1300	9	9.48-0.75	205
ZF	Ecomet 6HP602 ²	1600	6	5.60-0.83	376
ZF	Ecosplit 16S1820TO	1850	16	13.8-0.84	300
ZF	Ecosplit 16S1822TO	1850	16	13.8-0.84	370
ZF	Ecosplit 16S1821TO ³	1850	16	13.8-0.84	381
ZF	Ecosplit 16S1825TO	1850	16	13.8-0.84	305
ZF	Astronic 12AS1931TO ^{1,3}	1900	12	12.33-0.78	332
ZF	Astronic 12AS2130TO ¹	2100	12	12.33-0.78	254
ZF	Astronic 12AS2130TD ¹	2100	12	15.86-1.00	258
ZF	Astronic 12AS2131TD ^{1,3}	2100	12	15.86-1.00	334
ZF	Astronic 12AS2135TD ¹	2100	12	15.86-1.00	339
ZF	Ecosplit 16S2220TO	2200	16	13.8-0.84	328
ZF	Ecosplit 16S2220TD	2200	16	16.41-1.00	332
ZF	Ecosplit 16S2221TO ³	2200	16	13.8-0.84	409
ZF	Ecosplit 16S2221TD ³	2200	16	16.41-1.00	413
ZF	Ecosplit 16S2225TO	2200	16	13.8-0.84	330

Gearbox type: manual gearshift, apart from marked ⁽¹⁾ and ⁽²⁾

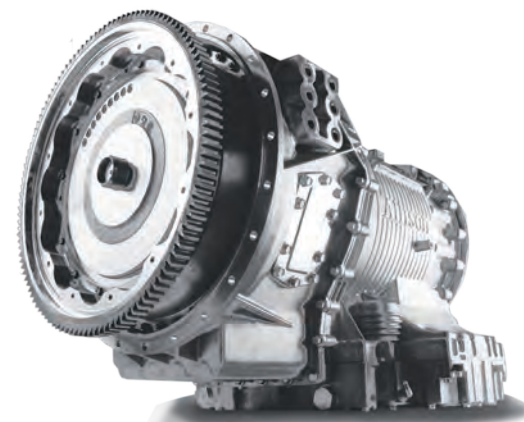
¹ automated

² automatic, hydraulic power

³ with interarder

Allison gearboxes

- Automatic gearshift
- Inbuilt retarder
- Power take-off from the engine's top and sides



HD4500R

Make	Model	Specifications			
		Input torque, Nm	Number of gears	Gear ratio	Weight, kg
Allison	HD4500R	2508	6	4.7-0.67	479
Allison	4440P	1716	6	4.7-0.67	447

Gearbox type: automatic

Clutch

KAMAZ clutch

- Design – twin-plate with coil springs
- Driven disc diameter 350 mm
- Torque: 833 Nm



142

ZF clutch

- Design – single-plate, diaphragm
- Driven disc diameter - 362, 395, 430 mm
- Torque: 700-2100 Nm



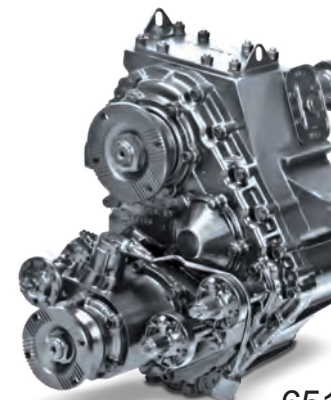
MFZ-430

Make	Model	Specifications			Compatibility with gearboxes
		Type	Size, mm	Torque, Nm	
KAMAZ	142	push type twin-plate	350	833	KAMAZ-152
ZF Sachs	MF-362	push type single-plate	362	700	ZF 6S700
ZF Sachs	MF-395	push type single-plate	395	1200	ZF 6S1000
ZF Sachs	MFZ-430	pull type single-plate	430	2100	KAMAZ-144; 154, ZF 9S1310TO; 16S1820TO, 6S1310BO and others

Transfer case

KAMAZ transfer case

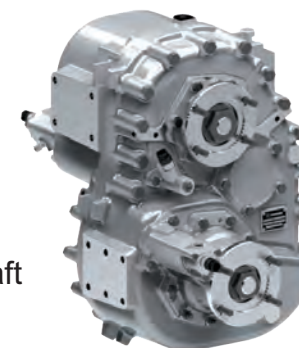
- Remote pneumatic (model 65111) and electro-pneumatic (model 65222) transmission shift control and lock-out mechanism
- PTO installation is possible on the top hatch (only 65111) and input shaft, take-off from the top (only 65111) and the rear



65111

ZF transfer case

- Remote electro-pneumatic transmission shift control and lock-out mechanism
- PTO installation from the input shaft is possible, take-off from the rear



VG2000/300

Make	Model	Specifications			Applicability in vehicles
		Input torque, Nm	Gear ratio (highest / lowest)	Weight, kg	
KAMAZ	65111	10000	0.917 / 1.662	257	43502/4326, 5350/ 43114, 43118, 53504 / 44108, 65111, 63501
KAMAZ	65222	25000	0.872 / 1.593	320	6522, 6522 Luxe, 65221, 65222, 65225, 65802
ZF Passau	VG1600/300	18000	0.890 / 1.536	315	6522, 6560, 65222, 65224
ZF Passau	VG2000/300	25000	0.890 / 1.536	355	6522, 6560, 65221, 65222, 65224, 65225
ZF Passau	VG2700/400	30000	0.913 / 1.407	465	65226, 65228

Driving axle¹

KAMAZ driving axles

- alternative design with final drives of the following types: hypoid, central double and hub-reduction (central reduction gear with planetary hub drives located by the driving wheel)



KAMAZ-65115
driving axle
with central double
final drive

Make	Axle model	Specifications					Applicability in KAMAZ vehicles
		Type	Final drive	Axle load, kg	Gear ratio	Weight, kg	
KAMAZ	43114 ²	front	C	5200	4.98-7.22	640	43114, 4326, 43502
KAMAZ	43118 ²	front	C	5600	4.98-7.22	650	43118
KAMAZ	63501 ²	front	C	5600	4.98-7.22	642	53504, 63501
KAMAZ	63501 ²	2nd front	C	5600	4.98-7.22	668	63501
KAMAZ	65111	front	C	5600	4.98-7.22	650	65111, 43265
KAMAZ	6522	front	R	8000	5.11; 6.33	820	6522, 65225, 65228, 6522 Luxe
KAMAZ	6560	front	R	8000	5.11; 6.33	790	6560, 65224
KAMAZ	6560	2nd front	R	8000	5.11; 6.33	913	6560
KAMAZ	65221 ²	front	R	8000	5.11; 6.33	815	65221, 65222
KAMAZ	65224 ²	front	R	8000	5.11; 6.33	790	65222
KAMAZ	65226	front	R	8000	5.11; 6.33	790	65226
KAMAZ	65228	2nd front	R	8000	5.11; 6.33	805	65228

Other manufacturers' driving axles

- Other manufacturers' axles, incl. Daimler's, are used on some KAMAZ vehicle models



Driving axle
equipped with
a Daimler HL6
hypoid final drive

Make	Axle model	Specifications					Applicability in KAMAZ vehicles
		Type	Final drive	Axle load, kg	Gear ratio	Weight, kg	
Daimler	AL7	front	R	7500	5.143	760	6522, 65225, 6522 Luxe
Hande Axle	HDZ10	front	R	10000	5.262	740	65802

Make	Axle model	Specifications					Applicability in KAMAZ vehicles
		Type	Final drive	Axle load, kg	Gear ratio	Weight, kg	
KAMAZ	43114 ²	front rear / rear	C	7000	4.98-7.22	568 / 560	43114
KAMAZ	4350 ²	rear	C	7000	4.98-7.22	563	4326, 43502
KAMAZ	53205	front rear / rear	C	8000	4.98-7.22	595 / 560	53215, 54115
KAMAZ	43081	rear	H	8000	3.9-4.78	570	4308
KAMAZ	43118 ²	front rear / rear	C	8000	4.98-7.22	597 / 560	43118, 5350, 53504, 63501
KAMAZ	65111	front rear / rear	C	9500	4.98-7.22	630 / 598	65111
KAMAZ	65115	front rear	C	9500	4.98-7.22	625	65115, 65116, 65117, 6540
KAMAZ	65115	rear	C	9500	4.98-7.22	590	65115, 65116, 65117
KAMAZ	6540	rear	C	9500	4.98-7.22	577	6540
KAMAZ	43253	rear	C	9500	4.98-7.22	576	43253, 43255, 43265
KAMAZ	6520	front rear / rear	R	13000	5.11; 6.33	885 / 760	6460, 6520, 6520 Luxe, 65201, 65201 Luxe, 6580, 65801, 65806
KAMAZ	6522	front rear / rear	R	13000	5.11; 6.33	895 / 770	6522, 6522 Luxe, 65225, 65226, 65228
KAMAZ	53605	rear	R	13000	5.11; 6.33	760	53605
KAMAZ	6560 ²	front rear / rear	R	13000	5.11; 6.33	840 / 750	65222, 65224, 6560
KAMAZ	65221	front rear / rear	R	13000	5.11; 6.33	840 / 750	65221, 65222
KAMAZ	5360 ³	rear	R	13000	5.11; 6.33	760	5460

¹ specifications for bus axles are given in the bus chassis description, section "Passenger vehicles"

² equipped with the central tyre inflation system

³ production by order, depends on order's volume

Make	Axle model	Specifications					Applicability in KAMAZ vehicles
		Type	Final drive	Axle load, kg	Gear ratio	Weight, kg	
Daimler	HL6	rear	H	11500	2.533, 2.846, 3.077, 3.583, 4.3, 5.875	698	5325, 5490, 65208, 65209
Daimler	HD7 / HL7	front rear / rear	R	13000	5.143	851 / 792	6522, 65225, 6522 Luxe
Dana	DD150 / R150	front rear / rear	H	10000	3.7; 4.33	658 / 595	6460, 65206, 65207
Dana	G150D	rear	H	10000	3.9; 4.33	573	5308
FAW	498	rear	H	13000	3.583; 3.36	740	5460
Hande Axle	HDZ16	front rear / rear	R	16000	5.262	910 / 832	6580, 65801, 65802

Final drive types: H - hypoid C - central double R - hub-reduction

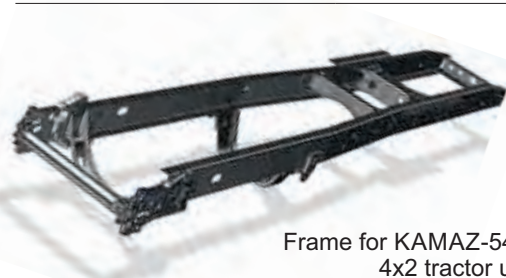
Frame, suspension, front axle

Frame, suspension

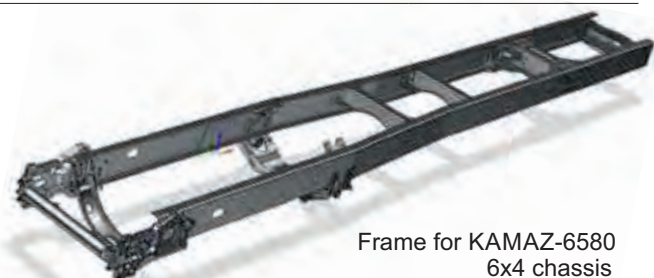
The ladder-type frame and length range from 5 to 12 meters allow to mount a wide spectrum of equipment.

Frame material:

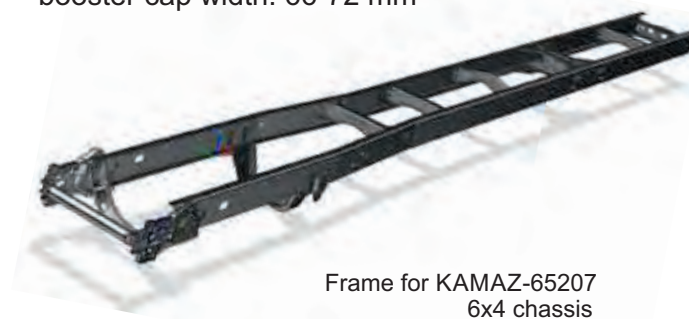
Frame elements	Steel grade, strength class	Booster type
Variable cross-section side member	570MC / 620MC steel grades (20GYT Russian steel make)	External L-shaped, 6 mm
Uniform cross-section side member	S600MC high-tensile steel (600 MPa yield strength)	Internal U-shaped, 8 mm
Other frame elements	570MC / 620MC steel grades (20GYT Russian steel make) or S550MC high-tensile steel	-



Frame for KAMAZ-5490
4x2 tractor unit



Frame for KAMAZ-6580
6x4 chassis



Frame for KAMAZ-65207
6x4 chassis

Leaf spring suspension

- Fail-safe and durable suspension with steel leaf springs
- Leaf spring number: from 2 to 13, depending on the vehicle type and axle load

Air suspension

- Provides better travelling comfort
- Ease of vehicle operation
- Smaller weight
- Cheaper consumables

Brake systems

- All vehicles are fitted with the anti-lock braking system (ABS) and automatic slip regulation (ASR). Certain models are equipped with the electronic brake system (EBS) providing the integrity of ABS and ASR systems, and electronic stability program (ESP) as well.
- Suppliers of air components and brake gears for the disk brake system - Wabco, Knorr Bremse, Haldex companies and others.



Front axle¹

Make	Axle model	Specifications				Applicability in KAMAZ vehicles
		Type	Load, kg	Brake system type	Weight, kg	
KAMAZ	4308 (4200 kg)	front	4200	drum	330	4308
KAMAZ	4308 (5000 kg)	front	5000	drum	330	5308
KAMAZ	65115	front / second front	6500	drum	355	43253, 43255, 65117, 65115, 53215, 6540, 54115, 65116 / 6540
KAMAZ	6520	front	7500	drum	440	53605, 6520, 65201, 5460, 6460
KAMAZ	5360	front / second front	7500	disk	470	5325, 65207, 65208, 65209, 5490, 65206, 65806
Hande Axle	HD9.5T	front / second front	9000	drum	464	6520 Luxe, 65201 Luxe, 6580, 65801, 65806 / 65201 Luxe, 65801

¹ specifications for bus axles are given in the bus chassis description, section "Passenger vehicles"



Trucks

The KAMAZ line-up covers a wide range of commercial vehicles from city delivery trucks to increased payload trucks to be used as part of haul trains (combination vehicles), with the gross vehicle weight reaching 120 tons. Diesel trucks are complemented with CNG (compressed natural gas), LNG (liquefied natural gas) methane-powered vehicles.

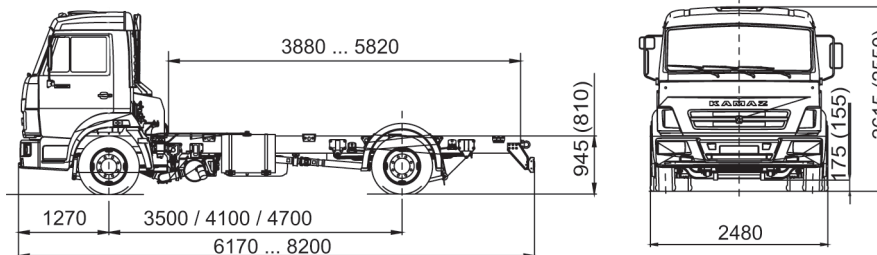
Model numbers are accompanied by designations like C1218, K3340, T2426, B2732, M1840. Letters stand for purpose (C – delivery and medium-duty vehicles; B – all-terrain vehicles; T – transport vehicles; K – heavy vehicles; M – long-distance vehicles), followed by two figures - gross weight in tons, the last two figures - engine power in horses divided by 10.

The common designation of the truck chassis type (4x2, 4x4, 6x4, 6x6, 8x4, 8x8) is supplemented with designation of the all-wheel drive with a single-tyre wheel per semiaxle: 4x4.1, 6x6.1, 8x8.1 as well as 6x2-2 - meaning 6x2 with the last lifting axle.

Curb weights and loads are universally indicated for the chassis / tractor unit filled with fuel and process liquids plus a driver weighing 75 kg.

The model index by pages is given at the end of the catalogue on page 114.

KAMAZ-4308 4x2 (C1118-C1125) chassis



Dimensions with curb (gross) weight

Power unit							
Engine		Make	Engine power, hp / Component model				
			180	185	210	245	250
Diesel	Euro-3	Cummins		4ISBe185	6ISBe210		
	Euro-4	Cummins		ISB4.5e4 185		ISB6.7e4 245	
	Euro-5	Cummins		ISB4.5E5 185			ISB6.7E5 250
Gas	Euro-5	Weichai	WP5NG180 ¹				
Clutch		ZF Sachs	MF-362			MF-395	
Gearbox		KAMAZ		141 ²			
		ZF	6S700TO		6S1000TO		
		FastGear	6DS100T				

Technical specifications		
Weights and loads / engine type		Engine type
Chassis curb weight, kg		4650...4975
- front axle, kg		3030...3225
- rear axle, kg		1620...1750
Gross vehicle weight, kg		11900
- front axle, kg		4350
- rear axle, kg		7550
Chassis payload, kg		7250...6925
Trailer permissible weight, kg		8000
Gross combined weight rating, kg		19900
Final drive		
Gear ratio		4.22
Type		Hypoid
Feed system		
Fuel tank capacity, l		210
		446 (2x100 + 2x123)

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2 / R	C2 / R	
R	R	
R	R	
R		

¹ for modifications with 4100 mm wheelbase

² with Cummins engine 4ISBe 185 Euro-3

Application

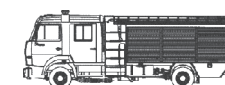
Municipal operations



Garbage truck
V=10-11 m³

[p.74-75](#)

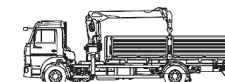
Fire-fighting



Fire engine
ladder truck
V=2.5 m³

[p.80-81](#)

Lift vehicles



● Drop-side truck
with a loader crane

[p.86-87](#)



● Tow truck

[p.86-87](#)

Logistics



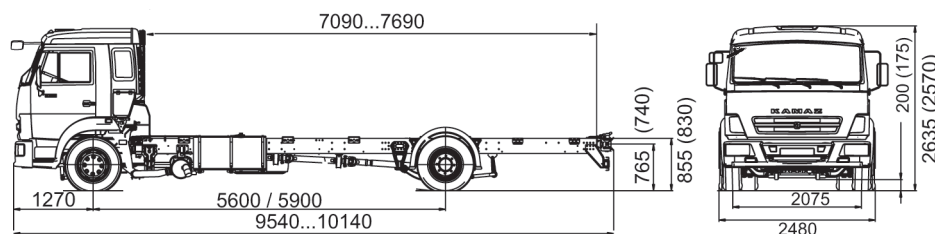
● Drop-side truck

[p.92-93](#)

● KAMAZ products

Technical specifications	
Wheels and tyres	
Wheel size	6.75x19.5
Tyre size (*tubeless)	245/70R19.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	9.8 / 10.2
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring / air with hydraulic telescopic shock absorbers and stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, disk brakes on all wheels	Rear axle wheel brake gears actuated by spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

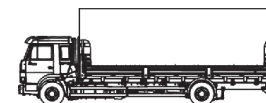
KAMAZ-5308 4x2 (C1524-C1530) chassis



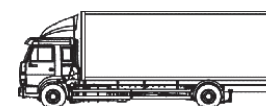
Dimensions with curb (gross) weight

Application

Logistics



- Drop-side truck
p.92-93



- Van
p.90-91

- KAMAZ products

Power unit

	Engine	Make	Engine power, hp / Component model		
			245	285	300
Diesel	Euro-3	Cummins		6ISBe285 ¹	
	Euro-4		ISB6.7e4 245		ISB6.7e4 300
	Euro-5				ISB6.7E5 300
	Clutch	ZF Sachs	MF-395	MFZ-430	
	Gearbox	ZF	6S1000TO	6S1000TO	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C2 / R	
	R	
	R	

¹ only for modifications with 5600 mm wheelbase

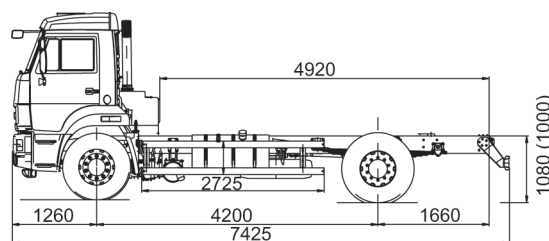
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		5525...5630
- front axle, kg		3595...3630
- rear axle, kg		1930...2000
Gross vehicle weight, kg		15000
- front axle, kg		5000
- rear axle, kg		10000
Chassis payload, kg		9475...9370
Trailer permissible weight, kg		13000
Gross combined weight rating, kg		28000
Final drive		
Gear ratio		3.91 or 4.3
Type		Hypoid
Feed system		
Fuel tank capacity, l		350
Wheels and tyres		
Wheel size		7.5x19.5
Tyre size (*tubeless)		285/70R19.5*

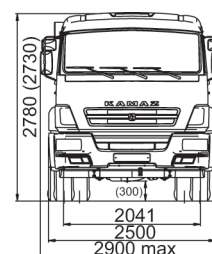
Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	11.2/11.6
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, disk brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-43253 4x2 (T1518-T1526) chassis



Dimensions with curb (gross weight)



Application

Municipal operations



Garbage truck
V=9.5 m³

[p.74-75](#)



Vacuum truck

[p.74-75](#)

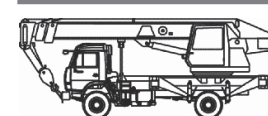
Fire-fighting



Fire engine
V=3.2 m³

[p.80-81](#)

Lift vehicles



Mobile crane

[p.87](#)

Logistics



● Drop-side truck

[p.92-93](#)

● KAMAZ products

Power unit

Engine	Make	Engine power, hp / Component model					
		185	210	240	245	250	260
Diesel	Euro-2, EC-3 ¹	KAMAZ		740.31-240			
	Euro-3		4ISBe185	6ISBe210			
	Euro-4	Cummins	ISB4.5e4 185		ISB6.7e4 245		
	Euro-5					ISB6.7E5 250	
	Euro-6						ISB6.7E6 260 ²
Clutch	ZF Sachs	MF-362	MF-395	142	MF-395		
Gearbox	KAMAZ	142	144	152			
	ZF	6S700TO	6S1000TO		6S1000TO		

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2		
C2/R		
R		
R		

¹ the chassis alone is not certified for EC-3

² under development

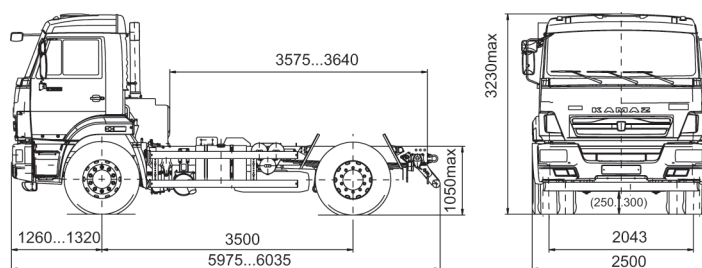
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		6050...5350
- front axle, kg		3800...3125
- rear axle, kg		2250...2225
Gross vehicle weight, kg		15500
- front axle, kg		6000
- rear axle, kg		9500
Chassis payload, kg		10075...9375
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		4.98 or 6.53
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 350
Wheels and tyres		
Wheel size		7.5-20 or 7.50x22.5
Tyre size (*tubeless)		10.00R20 or 11.00R20 or 11R22.5*

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	10
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-43255 4x2 (T1518-T1525) chassis



Dimensions with curb (gross) weight

Application

Logistics, construction



- Dump truck
V=6 m³
p.70-71
p.92

Municipal operations



- Skip truck
V=9.5 m³
p.74-75

- KAMAZ products

Power unit

	Engine	Make	Engine power, hp / Component model				
			185	210	240	245	250
Diesel	Euro-2, EC-3	KAMAZ			740.31-240		
	Euro-3	Cummins	4ISBe185	6ISBe210			
	Euro-4		ISB4.5e4 185			ISB6.7e4 245	
	Euro-5		ISB4.5E5 185				ISB6.7E5 250
Clutch	KAMAZ	ZF Sachs	MF-362	MF-395		MF-395	
Gearbox	KAMAZ		142 ¹	141	152		
		ZF	6S700TO	6S1000TO		6S1000TO	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2		
C2 / R		
R		
R		

¹ for certain modifications with Euro-4 engine

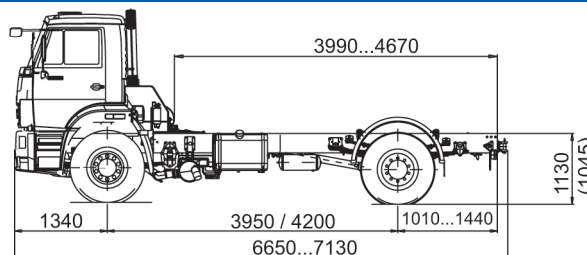
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight. kg		5275...5525
- front axle. kg		3225...3475
- rear axle. kg		2050
Gross vehicle weight. kg		15500
- front axle. kg		6000
- rear axle. kg		9500
Chassis payload. kg		9900...10150
Trailer permissible weight. kg		-
Gross combined weight rating. kg		-
Final drive		
Gear ratio		4.98 or 5.43 or 5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		210
Wheels and tyres		
Wheel size		7.5-20 or 7.50x22.5
Tyre size (*tubeless)		10.00R20 or 11.00R20 or 11R22.5*

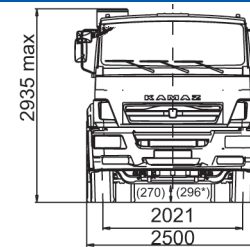
Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	95
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-53605 4x2 (K2024-K2032) chassis



Dimensions with curb (gross) weight with C3 cab
*with 315/80R22,5 wheels



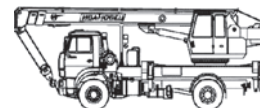
Application

Construction



- Dump truck
V=6.5 m³
[p.70-71](#)

Lift vehicles



- Mobile crane
Payload=16 tn
[p.87](#)

Municipal operations

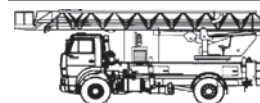


- Garbage truck
V=14 m³
[p.74-75](#)



- Street sweeper
V=8.5 m³
[p.74-75](#)

Fire-fighting



- Ladder truck
H=42 m
[p.80](#)

● KAMAZ products

Power unit							
	Engine	Make	Engine power, hp / Component model				
			240	260	280	285	300
Diesel	Euro-2,EC-3	KAMAZ	740.31-240	740.30-260			
	EC-3	Cummins					6ISBe300
	Euro-3	KAMAZ			740.62-280		
		Cummins				6ISBe285	
	EC-4	Cummins					ISB6.7 300
	Euro-4	KAMAZ			740.70-280 ¹		
		Cummins					ISB6.7e4 300
Gas	Euro-5	Cummins					ISB6.7E5 300
	Euro-6	Cummins					ISB6.7E6 320
	Euro-4	KAMAZ					820.62-300
	Euro-5	KAMAZ					820.92-300
	Clutch	KAMAZ	142				
		ZF Sachs					
	Gearbox	KAMAZ	152	154	144		154 ²
		ZF					9S1310TO
		ZF				6S1000TO	

Technical specifications		
Weights and loads / engine type		
		Gas (CNG)
Chassis curb weight, kg		7570...7750
- front axle, kg		3895...4325
- rear axle, kg		2900...2950
Gross vehicle weight³, kg		17500 / 20500
- front axle, kg		7500
- rear axle, kg		10000 / 13000
Chassis payload³, kg		11025...10275 / 13820...13800
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		5.11 or 6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		210 or 350
		720 (4x80+4x100 or 9x80)

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3		
C3		
C3		
C3/R		
C3/R		
R		
R		
R		
R		
R		
R		

¹ the version with diesel particulate filter (DPF) is available

² only with 820.62-300 engine

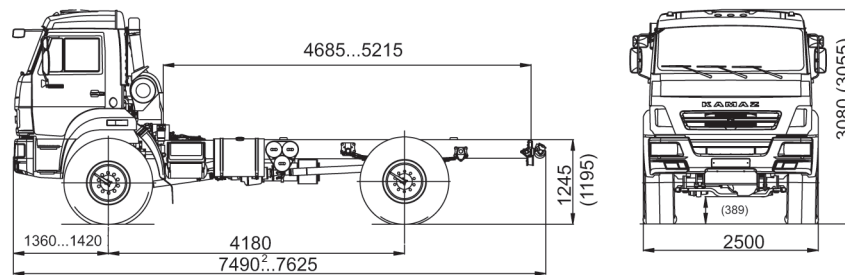
Technical specifications

Wheels and tyres	
Wheel size	8.5-20 or 9.00x22.5
Tyre size (*tubeless)	12.00R20 or 315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	95
Gradeability, single/combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, m	8
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	
Rear suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Every circuit of the primary brake system	
Auxiliary brake system	
Damper plate in the exhaust system	

³ for roads with permissible axial load being not more than 10 tons / technically permissible

KAMAZ-43502 / 4326¹ 4x4.1 (B1224-B1228) chassis

Right hand drive (RHD)
diesel version
with C2 cab
is available



Dimensions with curb (gross) weight, C2 cab

Power unit						
Engine		Make	Engine power, hp / Component model			
			240	260	275	285
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260		
	Euro-3	KAMAZ	740.65-240			
	EC-4	KAMAZ		740.652-260		
		Cummins			ISB6.7 275	
	Euro-5	Cummins				ISB6.7E5 285
		Euro-6	Cummins	ISB6.7E6 260		
Clutch		KAMAZ	142			
		ZF Sachs			MFZ-430	
Gearbox		KAMAZ	152	154 ³		
		ZF			9S1310TO	
Transfer case		KAMAZ			65111	

Technical specifications	
Weights and loads / engine type	
Diesel	
Chassis curb weight, kg	
- front axle, kg	6675...7325
- rear axle, kg	4405...4745
- rear axle, kg	2270...2580
Gross vehicle weight, kg	
- front axle, kg	12700
- rear axle, kg	5300
- rear axle, kg	7400
Chassis payload, kg	
- front axle, kg	6025...5375
- rear axle, kg	7000
Gross combined weight rating, kg	
19700	
Final drive	
Gear ratio	5.94 or 6.53 or 7.22
Type	Central double
Feed system	
Fuel tank capacity, l	210 or 210+210 or 350

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2		
C2		
R	R	
	R	
R	R	
R	R	

¹ Euro-2 and EC-3 model designation
² total length with R Day Cab - 7490 mm
³ only with KAMAZ engines

Application

Construction, lift vehicles



Autohydraulic
hoist truck
H=23.2 m

[p.73](#)

[p.86](#)

Petrochemical, oil & gas industry



Drill truck

[p.76-77](#)

Crew buses



● Crew bus
for 20 persons

[p.78-79](#)

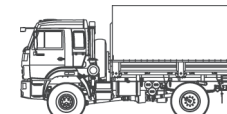
Fire-fighting



● Fire engine
ladder truck
V=3 m³

[p.80-81](#)

Logistics



● Drop-side truck

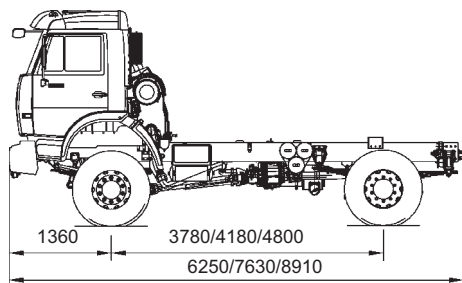
[p.92](#)

● KAMAZ products

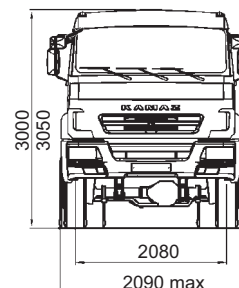
Technical specifications

Wheels and tyres	
Wheel size	310-533
Tyre size	390/95R20 or 425/85R21
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	60% (31°) / 36% (20°)
Wall-to-wall turning circle, single / combination vehicle, m	10.5 / 11
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring / air, with hydraulic telescopic shock absorbers
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-43265 4x4 (B1524-B1529) chassis



Dimensions with curb (gross) weight, C2 cab



Application

Construction



- Dump truck
V=6 m³
[p.70-71](#)

Municipal operations



- Garbage truck
V=10 m³
[p.74-75](#)



- Skip truck
V=9.5 m³
[p.74-75](#)

Fire-fighting



- Fire engine
V=3-5 m³
[p.80-81](#)

Logistics



- Drop-side truck
[p.92-93](#)

● KAMAZ products

Power unit

	Engine	Make	Engine power, hp / Component model			
			240	245	285	290
Diesel	Euro-2, EC-3	KAMAZ	740.31-240		740.31-240	
	Euro-4	Cummins		ISB4.5e4 245		
	Euro-5	Cummins			ISB6.7E5 285	
	Euro-6	Cummins				ISB6.7E6 290
	Clutch	ZF Sachs	MFZ-430			
Gearbox	KAMAZ	154				
	ZF				9S1310	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2		
R		
R		
R		

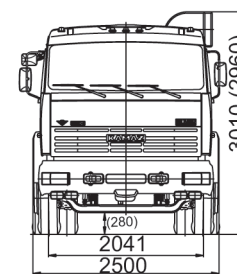
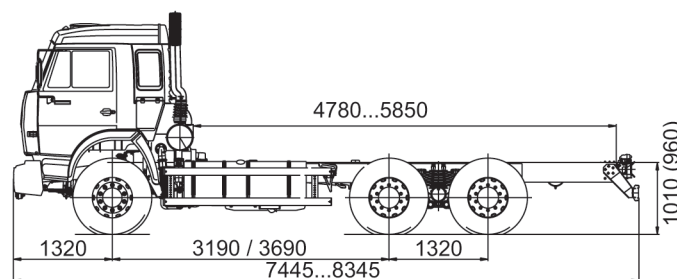
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		6175...6850
- front axle, kg		3595...4000
- rear axle, kg		2180...2850
Gross vehicle weight, kg		15700
- front axle, kg		6200
- rear axle, kg		9500
Chassis payload, kg		9525...8850
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		5.94 or 6.53
Type		Central double
Feed system		
Fuel tank capacity, l		350 or 210
Wheels and tyres		
Wheel size		7.5-20 or 7.50x22.5
Tyre size (*tubeless)		10.00R20 or 11.00R20 or 11R22.5*

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, % (degrees)	60% (31°)
Wall-to-wall turning circle, single / combination vehicle, m	10.2 / 12.1
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-53215 6x4 (T1924) chassis



Dimensions with curb (gross) weight

Application

Logistics



- Drop-side truck
Payload 11 tn

p.92



- Fuel tank truck
V=10.45 m³

p.96

Agricultural sector



- Dump truck
V=15.4 m³

p.84-85

- KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model
			240
Diesel	Euro-2, EC-3 ¹	KAMAZ	740.31-240
	Clutch		142
Gearbox		KAMAZ	152

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2	C2	

¹ the chassis alone is not certified for EC-3

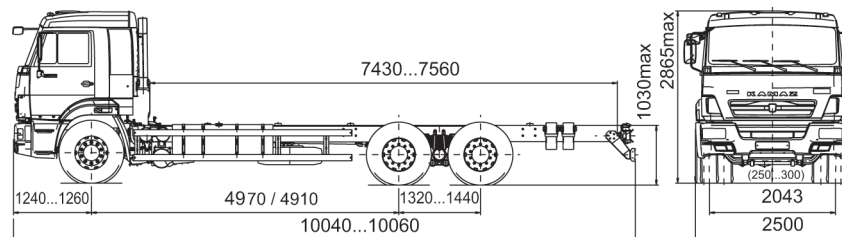
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		7500
- front axle, kg		3860
- rear tandem axle, kg		3640
Gross vehicle weight, kg		19650
- front axle, kg		4420
- rear tandem axle, kg		15230
Chassis payload, kg		12000
Trailer permissible weight, kg		14000
Combination vehicle gross weight, kg		33650
Final drive		
Gear ratio		5.43 or 5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 350 or 500

Technical specifications

Wheels and tyres	
Wheel size	7.5-20 or 7.50x22.5
Tyre size (*tubeless)	10.00R20 or 11R22.5*
Fully-loaded vehicle characteristics	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, m	9.8
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Every circuit of the primary brake system	
Auxiliary brake system	
Damper plate in the exhaust system	

KAMAZ-65117 6x4 (T2030,T2426-T2430) chassis



Dimensions with curb (gross) weight
4910+1440 mm wheelbase is used in modifications with the rear air suspension

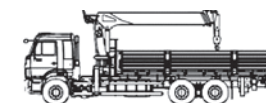
Application

Logistics



- Drop-side truck
Payload
11.6-14.6 tn
p.92-93

Lift vehicles



- Drop-side truck
with loader crane
Payload
10-11.7 tn
p.86

- KAMAZ products

Power unit

	Engine	Make	Engine power / Component model		
			260	280	300
Diesel	Euro-2, EC-3	KAMAZ	740.30-260		
	EC-3	Cummins			6ISBe300
	Euro-3	KAMAZ		740.62-280	
	EC-4	Cummins			ISB6.7 300
	Euro-4	Cummins			ISB6.7e4 300
	Euro-5	Cummins			ISB6.7E5 300
Gas	Euro-4	KAMAZ			820.62-300
	Euro-5	KAMAZ			820.92-300
Clutch		ZF Sachs	MFZ-430		
Gearbox	KAMAZ		154	154 ¹	
	ZF				9S1310TO

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	
	R	
	C3 / R	
	R	
	R	
	R	
	R	
	R	

¹ only with 820.62-300 and ISB6.7 300 engines

Technical specifications

Weights and loads / engine type		Diesel	Gas (CNG)	Gas (LNG)
Chassis curb weight, kg		7925...8425	8600	8200
- front axle, kg		3775...4275	4250	4050
- rear tandem axle, kg		4150	4350	4150
Gross vehicle weight, kg		20000 ² / 24000		
- front axle, kg		4400 ² / 6000	6000	
- rear tandem axle, kg		15600 ² / 18000	18000	
Chassis payload, kg		9500...12000 ² / 15500...16000	15400	15800
Trailer permissible weight, kg		14000		
Gross combined weight rating, kg		34000 ² / 38000	38000	
Final drive				
Gear ratio		4.98 or 5.43 or 5.94		
Type		Central double		
Feed system				
Fuel tank capacity, l		500	800 (4x100+4x100)	500 (effective volume 450)

Technical specifications

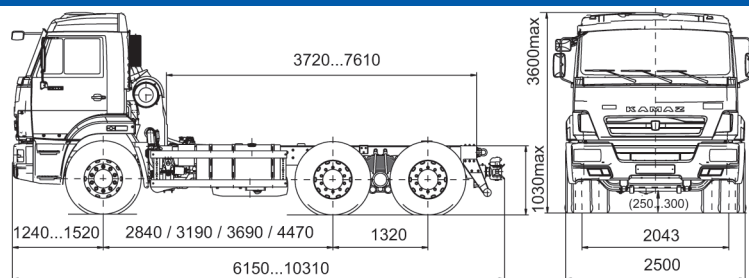
Wheels and tyres	
Wheel size	7.5-20 or 7.50x22.5
Tyre size (*tubeless)	11.00R20 or 11R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10 °)
Wall-to-wall turning circle, m	11.5
Front suspension	
Dependent, leaf spring / air, with hydraulic telescopic shock absorbers and stabiliser bar (excluding chassis with 3690+1320 mm wheelbase)	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods / (for chassis with 4910+1440 mm wheelbase: dependent, air with hydraulic shock absorbers and torque rods)	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Every circuit of the primary brake system	
Auxiliary brake system	
Damper plate in the exhaust system	

² for 3690 + 1320 mm wheelbase

KAMAZ-65115 / 53229¹ / 55111¹ 6x4 (T2224,T2524-T2530) chassis



Right-hand drive (RHD) diesel version with an R cab is available



Dimensions with curb (gross) weight

For model 55111 wheelbases of only 2840+1320 and 3690+1320 mm. are available

Power unit								
Engine		Make	Engine power, hp / Component model					
			240	260	280	285	290	300
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260				
	EC-3	Cummins						6ISBe300
	Euro-3	KAMAZ			740.62-280			
		Cummins				6ISBe285		
	EC-4	KAMAZ			740.622-280			
		Cummins						ISB6.7 300
	Euro-4	Cummins						ISB6.7e4 300
	Euro-5	Cummins						ISB6.7E5 300 ²
KAMAZ							740.705-300	
Gas	Euro-6	Cummins					ISB6.7E6 290	
	Euro-4	KAMAZ						820.62-300 ³
	Euro-5	KAMAZ						820.92-300 ⁴
		Weichai		WP7NG260 ⁵				
Clutch		KAMAZ	142					
		ZF Sachs		MFZ-430				
Gearbox		KAMAZ	152	154				
		ZF		9S1310TO				
		FastGear		9JS135TA ⁶				


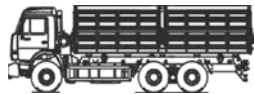



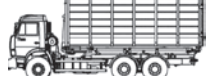
Technical specifications		
Weights and loads / engine type		
Chassis curb weight, kg		Diesel 7075⁷...8125
		Gas (CNG) 8400
- front axle, kg		3375...4125
- rear tandem axle, kg		3000...4000
Gross vehicle weight, kg		22400⁷...25200
		25200
- front axle, kg		5550...6200
- rear tandem axle, kg		16850...19000
Chassis payload, kg		14300⁷...17700
		16600
Trailer permissible weight, kg		13000...14800
Gross combined weight rating, kg		36400⁷...40000
		38200
Final drive		
Gear ratio		4.98 or 5.43 or 5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 350 or 500
		720 (4x80+4x100) or 1040 (9x80+4x80)

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2	C2	
C2 / R	C2 / R	
C2 / R	C2 / R	
C2 / R	C2 / R	
C2 / R	C2 / R	
C2 / R	C2 / R	
R	R	
R	R	
R	R	
R	R	
C2 / R	C2 / R	
C2 / R	C2 / R	
R	R	

¹ model designation for versions with KAMAZ 740.31-240

² only with ZF 9S1310TO or 9AS1310TO gearbox

³ except for KAMAZ-144 gearbox

Application	
Construction	
	<ul style="list-style-type: none"> ● Dump truck V=10 m³ p.70-71
Agricultural sector	
	<ul style="list-style-type: none"> ● Dump truck with side or three-way dumping V=15.2-19 m³ p.84-85
Logistics	
	<ul style="list-style-type: none"> ● Tank truck for light-weight petroleum products V=10.5-16 m³ p.96
Fire-fighting	
	<ul style="list-style-type: none"> Ladder truck H=55 m p.80-81
Municipal operations	
	<ul style="list-style-type: none"> Suction truck V=9.7 m³ p.74-75
Lift vehicles	
	<ul style="list-style-type: none"> ● Hook loader Payload 11 tn p.86

● KAMAZ products

⁴ only with ZF 9S1310TO gearbox

⁵ except for KAMAZ-154 gearbox

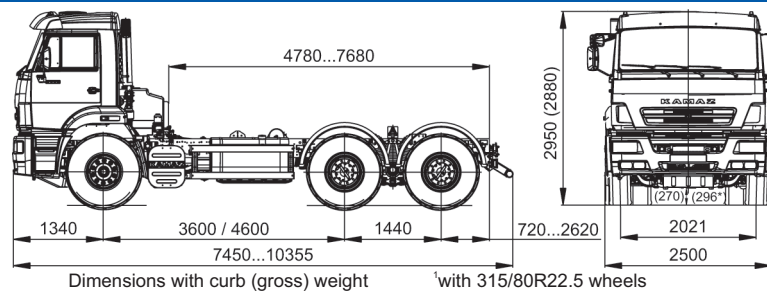
⁶ only with Weichai engine

Technical specifications	
Wheels and tyres	
Wheel size	7.5-20 or 7.50x22.5
Tyre size (*tubeless)	10.00R20 or 11.00R20 or 11R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	25% (14°), 18% (10°)
Wall-to-wall turning circle, m	10.7
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

⁷ for light-weight modifications of 65115 model and the only weight values for 55111 model

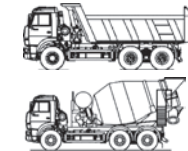
KAMAZ-6520 6x4 (K3330-K3342) chassis

Right-hand drive (RHD)
diesel versions
with R, RS cabs
are available



Application

Construction



- Dump truck V=12/16/20 m³
Payload up to 20 tn
[p.70-71](#)
- Concrete mixer
V=8-9m³
[p.72-73](#)

Municipal operations



- Garbage truck V=17/24 m³
[p.74-75](#)

Fire-fighting



- Ladder truck H=55+m
[p.80-81](#)

Logging



- Short log truck
[p.82-83](#)

Agricultural sector



- Grain carrier
[p.84-85](#)

Logistics



- Pipe truck
[p.98-99](#)



- Refuelling truck
V=20/22 m³
[p.96-97](#)



- Drop-side truck
[p.92-93](#)

● KAMAZ products

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3	C3	
RS	RS	
RS		
C3/RS		
RS		
RS	RS	
RS		
C3		
RS	RS	
R		
RS	RS	
RS	RS	
RS		
RS		

¹ custom-built version

² the version with a diesel particulate filter (DPF) is available

³ only with Cummins engines

⁴ with ISLe400 40 engine

Power unit

Engine		Make	Engine power, hp / Component model					
			300	320	360	370	400	420
Diesel	Euro-2, EC-3	KAMAZ	740.55-300	740.51-320	740.50-360			
	EC-3	Cummins			L360.20 ¹			
	Euro-3	KAMAZ		740.61-320	740.60-360			
		KAMAZ					740.63-400	
	EC-4	KAMAZ					740.632-400	740.642-420
		Cummins	ISB6.7 300					
	Euro-4	KAMAZ		740.71-320	740.72-360			
		KAMAZ					740.73-400	
		KAMAZ						740.74-420 ²
		Cummins	ISB6.7e4 300					
	Cummins					ISLe400 40		
Euro-5	KAMAZ					740.735-400	740.745-420	
	Cummins					ISL400 50		
Euro-6	Cummins				L9E6 C370			
Gas	Euro-5	Weichai					WP12NG400	
Clutch		ZF Sachs	MFZ 430					
Gearbox		ZF	16S1820TO					
		ZF	9S1310TO ³				16S1821TO ⁴	16S2220TO

Technical specifications

Weights and loads / engine type		Diesel	Gas (CNG)
Chassis curb weight, kg		8900...9925	10225
- front axle, kg		4040...4475	4925
- rear tandem axle, kg		4860...5450	5300
Gross vehicle weight ⁵ , kg		27500 / 33100	
- front axle, kg		7500	
- rear tandem axle, kg		20000 / 25600	
Chassis payload ⁵ , kg		17500...18525 / 23100...24125	17275 / 22875
Trailer permissible weight, kg		20000	-
Gross combined weight rating ⁵ , kg		47500 / 53100	-
Final drive			
Gear ratio		5.11 or 6.33	
Type		Hub reduction gear	
Feed system			
Fuel tank capacity, l		350	892 (4x100+4x123)

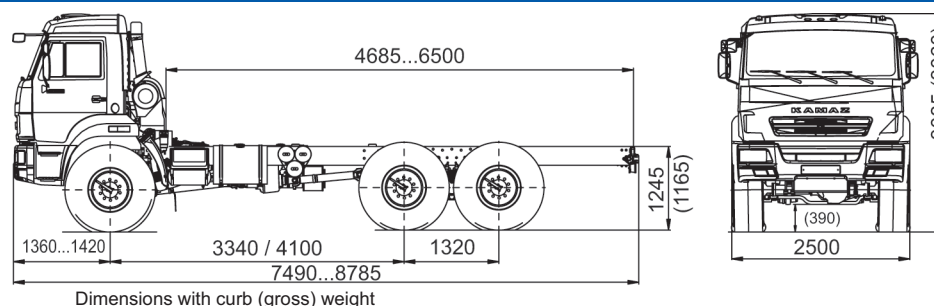
Technical specifications

Wheels and tyres	
Wheel size	9.00x22.5 or 8.5-20
Tyre size (*tubeless)	315/80R22.5 or 12.00R20*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, m	9.3
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Emergency brake system	
Every circuit of the primary brake system	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bar	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Auxiliary brake system	
Damper plate in the exhaust system and if available retarder in transmission gearbox	

⁵ under development

KAMAZ-5350 / 43114¹ 6x6.1 (B1328, B1724-B1730) chassis

Right-hand drive (RHD)
diesel Euro-2 versions
with C1 or C2 cabs
are available



Power unit								
Engine		Make	Engine power, hp / Component model					
			240	260	275	280	285	300
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260				
	EC-4	KAMAZ				740.622-280		
		Cummins			ISB6.7 275			
	Euro-5	KAMAZ						740.705-300
		Cummins					ISB6.7 285	
Gas	Euro-4	KAMAZ						820.62-300
	Euro-5	KAMAZ						820.92-300
Clutch		KAMAZ	142					
		ZF Sachs		MFZ-430				
Gearbox		KAMAZ	152	154		154		154 ³
		ZF		9S1310TO				
Transfer case		KAMAZ	65111					

Technical specifications		
Weights and loads / engine type		Gas (CNG)
Chassis curb weight ⁵ , kg		9300...9700
- front axle, kg		5260...5460
- rear tandem axle, kg		4040...4240
Gross vehicle weight ⁵ , kg		17000 / 13600
- front axle, kg		5600 / 5000
- rear tandem axle, kg		11400 / 8600
Chassis payload ⁵ , kg		9135...8475 / 5955
Trailer transmissible weight, kg		12000
Gross combined weight rating, kg		29000
Final drive		
Gear ratio		5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 210+210
		1420 (9x80+7x100) or 1120 (9x80+4x100)
Wheels and tyres		
Wheel size		310-533
Tyre size		390/95R20 or 425/85R21

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C1 / C2	C1 / C2	
C2 / R	C2 / R	
C2 / R	C2 / R	
R	R	
R	R	
	R	
	R	


¹ model designation for vehicles with Euro-2, EC-3 and for the Euro-4 modification with 820.62-300 gas engine
² only with 9S1310TO or 9AS1310TO
³ only with 820.62-300 engine
⁴ only with 820.92-300 engine

Technical specifications	
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	5350: 60% (31°), 43114:32% (18°) / 5350: 36% (20°) 43114:20% (11.25°)
Wall-to-wall turning circle, single / combination vehicle, m	5350: 11.7...13.00, 43114: 11.3
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, equalizing beam, with the torque rods / dependent, air, with a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

⁵ for the vehicle with leaf spring / air suspension

Application


Crew bus



- Crew bus for 20-30 persons
- p.73
- p.86

Construction, lift vehicles


Autohydraulic hoist truck



- H=22 m
- p.73
- p.86

Petrochemical, oil & gas industry


Petroleum products collection and transport truck



- V=7 m³
- p.76-77

Logistics

Drop-side truck



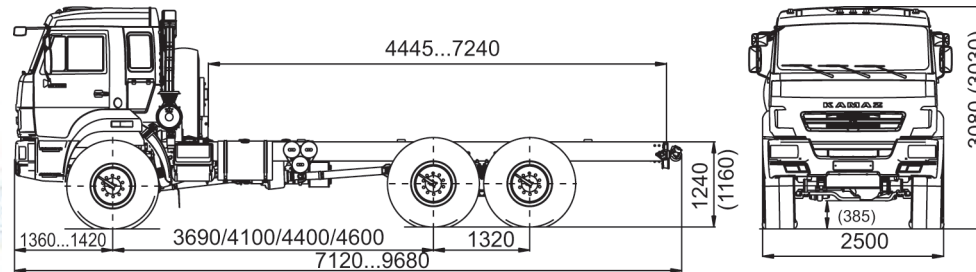
- V=18.1 m³
- p.92-93

- KAMAZ products

KAMAZ-43118 6x6.1 (B2124-B2132, B2230) chassis



Right-hand drive (RHD) diesel Euro-2 version with C1 or C2 cabs are available



Dimensions with curb (gross) weight with an R cab

Application

Logistics

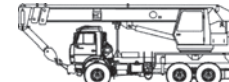


- Drop-side truck
Payload 10 tn
[p.92-93](#)

Construction



- Dump truck V=6.6 m³
Payload 9.5 tn
[p.70-71](#)



- Mobile crane
Payload 19 tn
[p.87](#)

Petrochemical, oil & gas industry



- Pump truck
[p.76-77](#)

Fire-fighting



- Tank truck
V=4 m³
[p.80-81](#)

Logging, logistics



- Short log truck
Payload 12 tn
[p.82-83](#)
[p.98-99](#)

● KAMAZ products

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C1 / C2	C1 / C2	
C2 / R	C2 / R	
R	R	
R	R	
R	R	
	R	
	R	

¹ only with Euro-2, EC-3, EC-4, Euro-4 (gas), Euro-5 (gas) Kamaz engines

Power unit

Engine	Make	Engine power, hp / Component model				
		240	260	280	300	320
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260		740.55-300
	EC-4	KAMAZ			740.622-280	740.662-300
		Cummins				ISB6.7 300
	Euro-5	KAMAZ				740.705-300
	Euro-5	Cummins				ISB6.7E5 300
Gas	Euro-6	Cummins				ISB6.7E6 320
	Euro-4	KAMAZ				820.62
	Euro-5	KAMAZ				820.92
Clutch		KAMAZ	142			
		ZF Sachs			MFZ-430	
Gearbox	KAMAZ	142	152	144	154	154 ¹
	ZF					9S1310TO
Transfer case		KAMAZ				65111

Technical specifications

Weights and loads / engine type	Diesel	Gas (CNG)
Chassis curb weight, kg	8395...9395	9600...10000
- front axle, kg	4625...5275	5310...5510
- rear tandem axle, kg	3770...4120	4290...4490
Gross vehicle weight ² , kg	21600 (22500)	21600
- front axle, kg	5800 (6500)	5800
- rear tandem axle, kg	15800 (16000)	15800
Chassis payload ² , kg	13205...12205 (14105...13105)	11925...11525
Trailer permissible weight, kg	12000	-
Gross combined weight rating ² , kg	33600 (34500)	-
Final drive		
Gear ratio	5.94 or 6.53 or 7.22	
Type	Central double	
Feed system		
Fuel tank capacity, l	210 or 350 or 210+350	1420 (9x80+7x100) or 1120 (9x80+4x100)

Technical specifications

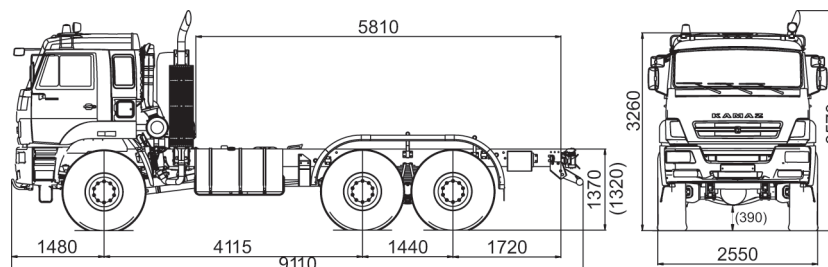
Wheels and tyres	
Wheel size	310-533
Tyre size	390/95R20 or 425/85R2
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	60% (31°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	12.2...14
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers (option: with a stabiliser bar)	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Auxiliary brake system	
Every circuit of the primary brake system	
Damper plate in the exhaust system	

² in brackets () for vehicles with uniform cross-section frame side members

KAMAZ-65224 6x6.1 (K3036-3040) chassis



Right-hand drive (RHD) diesel Euro-3 version with an RS cab is available



Application

Logging, logistics



Short log truck
Payload up to 18 tn

[p.82-83](#)

[p.98-99](#)



Logging truck
Payload up to 17 tn

[p.82-83](#)

[p.98-99](#)

Logistics



Refuelling truck
V=18 m³

[p.96](#)

Petrochemical, oil & gas industry



Oil and gas condensate collection truck
V=15 m³

[p.76-77](#)

Lift vehicles



Truck with a loader crane

[p.86](#)

● KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model	
			360	400
Diesel	Euro-2, EC-3	KAMAZ	740.50-360	740.35-400 or 730.37-400
	Euro-3	KAMAZ		740.63-400
	EC-4	KAMAZ		740.632-400
	Euro-5	KAMAZ		740.735-400
Clutch		ZF	MFZ-430	MFZ-430
Gearbox		ZF	16S1820TO	16S1820TO
Transfer case		KAMAZ	6522	6522
		ZF Passau	VG2000/300	VG2000/300

Cab

Day cab (no sleepers)	Sleeper cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	
	C3 / RS	
	RS	
	RS	

Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		11400
- front axle, kg		5700
- rear tandem axle, kg		5700
Gross vehicle weight¹, kg		27500 / 30500
- front axle, kg		7500
- rear tandem axle, kg		20000 / 23000
Chassis payload¹, kg		16100 / 19025
Trailer permissible weight, kg		12000...30000
Gross combined weight rating, kg		42500...60500
Final drive		
Gear ratio		6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		550 or 210+350
Wheels and tyres		
Wheel size		11.25-20
Tyre size		16.00R20

Technical specifications

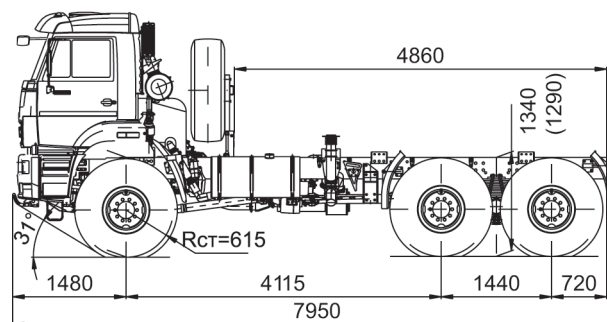
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	60% (31°) / 32% (18°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with a hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bars
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

¹ for roads with permissible axial load not more than 10 tons / technically permitted

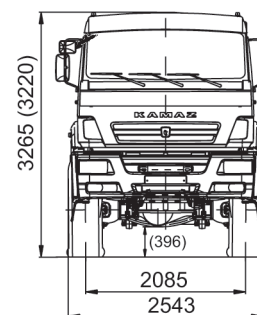
KAMAZ-65222 6x6.1 (K3436-K3440) chassis



Right-hand drive (RHD)
diesel Euro-3 version
with an RS cab is available



Dimensions with curb (gross) weight



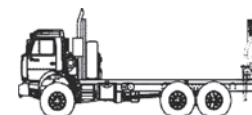
Application

Construction



- Dump truck $V=12/16 \text{ m}^3$
Payload
up to 19.5 tn
[p.70-71](#)

Logistics



- Container truck
with a loader crane
[p.99](#)

● KAMAZ products

Power unit

Engine	Make	Engine power, hp / Component model	
		360	400
Diesel	Euro-2, EC-3	KAMAZ	740.50-360
	Euro-3	KAMAZ	740.63-400
	EC-4	KAMAZ	740.632-400
	Euro-5	KAMAZ	740.735-400
Clutch	ZF Sachs	MFZ-430	
Gearbox	ZF	16S1820TO	
Transfer case	KAMAZ	6522	
	ZF Passau	VG1600/300	VG2000/300

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3		
C3 / RS		
RS		
RS		

Technical specifications

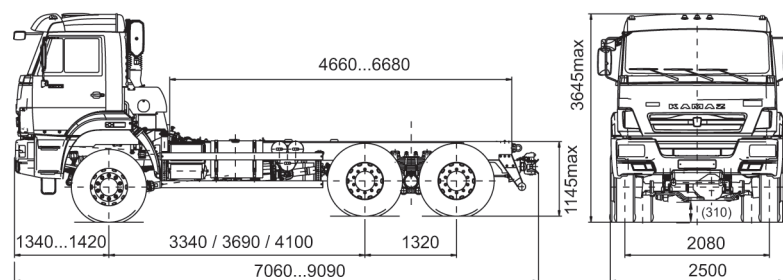
Weights and loads / engine type		Diesel
Chassis curb weight, kg		10825
- front axle, kg		5725
- rear tandem axle, kg		5100
Gross vehicle weight¹, kg		28000 / 34000
- front axle, kg		8000
- rear tandem axle, kg		20000 / 26000
Chassis payload¹, kg		17175 / 23100
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		350

Technical specifications

Wheels and tyres	
Wheel size	11.25-20
Tyre size	16.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	12.0
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bar(-s)
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

¹ for roads with permissible axial load not more than 10 tons / technically permitted

KAMAZ-65111 / 53228¹ 6x6 (T2524-T2532) chassis



Dimensions with curb (gross) weight

Application

Construction



- Dump truck
V=8.2 m³
Payload 14 tn
[p.70-71](#)

Fire-fighting



- Fire engine
V=4 m³
[p.80-81](#)

Logging



- Short log truck
Payload 10.46 tn
[p.98-99](#)
[p.82-83](#)

Logistics



- Fuel tank truck
V=15.1 m³
[p.96-97](#)

- KAMAZ products

Power unit								
Engine		Make	Engine power, hp / Component model					
			240	260	280		300	320
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260 ²			740.55-300	
	Euro-3	KAMAZ			740.62-280			
	EC-4	KAMAZ			740.622-280		740.662-300	
	Euro-5	KAMAZ					740.705-300	
	Euro-5	Cummins					ISB6.7E5 300	
	Euro-6	Cummins						ISB6.7E6 320
Clutch		KAMAZ	142	MFZ-430				
		ZF Sachs						
Gearbox		KAMAZ	152	154	144	154	154 ³	
		ZF		9S1310TO				
Transfer case		KAMAZ	65111					

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C2		
C2 / R	C2 / R	
C2 / R	C2 / R	
R	R	
R	R	

¹ model designation for Euro-2, EC-3 (only with 740.31-240 and 740.30-260 engines)

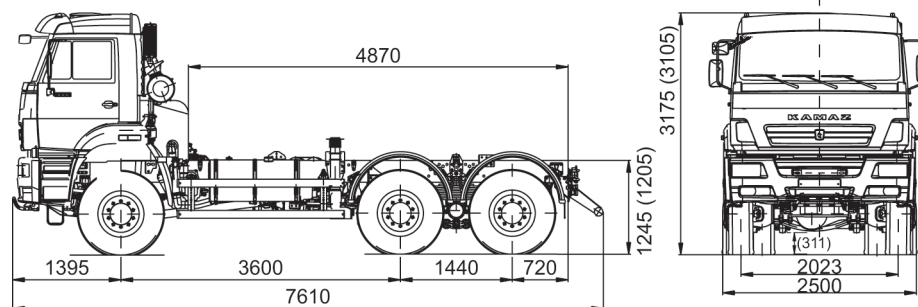
² both models are available with the engine

³ are available only with Euro-2, EC-3, EC-4 Kamaz engines

Technical specifications	
Weights and loads / engine type	Diesel
Chassis curb weight, kg	8225...8925
- front axle, kg	4075...4655
- rear tandem axle, kg	4150...4360
Gross vehicle weight, kg	25200
- front axle, kg	6200
- rear tandem axle, kg	19000
Chassis payload, kg	16975...16275
Trailer permissible weight, kg	13000
Gross combined weight rating, kg	38200
Final drive	
Gear ratio	4,98 or 5,43 or 5,94 or 6,53 or 7,22
Type	Central double
Feed system	
Fuel tank capacity, l	210 or 350 or 210+350

Technical specifications	
Wheels and tyres:	
Wheel size	7.5-20 or 7.50x22.5
Tyre size (*tubeless)	11.00R20 or 11R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	11.3 / 12.2 / 13.0
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-6522 6x6 (K3332-K3340) chassis



Dimensions with curb (gross) weight

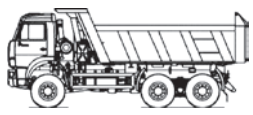
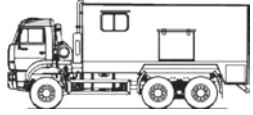
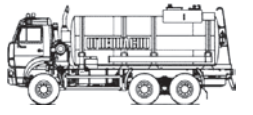
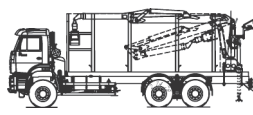
Power unit					
	Engine	Make	Engine power, hp / Component model		
			320	360	400
Diesel	Euro-2, EC-3	KAMAZ	740.51-320	740.50-360	
	Euro-3	KAMAZ	740.61-320		740.63-400
	EC-4	KAMAZ			740.632-400
	Euro-5	KAMAZ			740.735-400
	Clutch	ZF Sachs	MFZ-430		
	Gearbox	ZF	16S1820TO		
	Transfer case	KAMAZ	6522		
		ZF Passau	VG2000/300 ¹		VG2000/300
		ZF Passau	VG1600/300 ²	VG1600/300	

Technical specifications	
Weights and loads / engine type	
Chassis curb weight, kg	10275
- front axle, kg	5125
- rear tandem axle, kg	5150
Gross vehicle weight ³ , kg	27500 / 33100
- front axle, kg	7500
- rear tandem axle, kg	20000 / 25600
Chassis payload ³ , kg	17225 / 22750
Trailer permissible weight, kg	-
Gross combined weight rating, kg	-
Final drive	
Gear ratio	5.11 or 5.143 or 6.33
Type	Hub reduction gear
Feed system	
Fuel tank capacity, l	350

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3		
C3 / RS		
RS	RS	
RS	RS	

¹ only with 740.61-320 engine

² only with 740.51-320 engine

Application	
	Construction • Dump truck V=12/16 m ³ Payload 19 tn p.70-71
	Petrochemical, oil & gas industry Oil and gas condensate collection truck p.76-77
	Logistics Refuelling truck V=20 m ³ p.96
	Logging, lift vehicles Short log truck with a loader crane p.82-83 p.86

• KAMAZ products

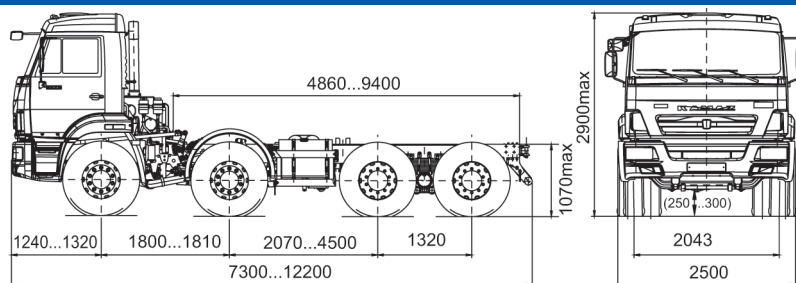
Technical specifications	
Wheels and tyres	
Wheel size	8.5-20
Tyre size	12.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	12.5
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bars	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Every circuit of the primary brake system	
Auxiliary brake system	
Damper plate in the exhaust system	

³ for roads with a permissible axial load not more than 10 tons / technically permitted

KAMAZ-6540 8x4 (T3124-T3130) chassis



Right-hand drive (RHD)
diesel Euro-2 version
with C3 cab
is available



Dimensions with curb (gross) weight

Power unit

	Engine	Make	Engine power, hp / Component model				
			240	260	280	290	300
Diesel	Euro-2, EC-3	KAMAZ	740.31-240	740.30-260			
	EC-3	Cummins					6ISBe300
	Euro-3	KAMAZ			740.62-280		
	EC-4	Cummins					ISB6.7 300
	Euro-4	Cummins					ISB6.7e4 300
	Euro-5	Cummins					ISB6.7E5 300
	Euro-6	Cummins				ISB6.7E6 290 ¹	
Clutch	KAMAZ	142					
	ZF Sachs				MFZ-430		
Gearbox	KAMAZ	152		154			
	ZF						9S1315TO

Technical specifications

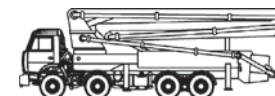
Weights and loads / engine type		Diesel
Chassis curb weight, kg		8925...9525
- first and second axle, kg		5275...5550
- rear tandem axle, kg		3650...3975
Gross vehicle weight, kg		31000
- first and second axle, kg		12200
- rear tandem axle, kg		18800
Chassis payload, kg		22000
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		4.98 or 5.43 or 5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 350 or 500

Application

Construction



- Dump truck
V=11 m³
Payload 18.5 tn
p.70-71



- Concrete pump truck
H=37 m
p.72-73

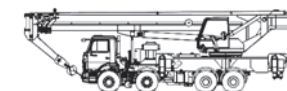


- Concrete mixer
V=8-9 m³
p.72-73

Lift vehicles



- Autohydraulic hoist truck
H=50 m
p.87



- Mobile crane
Payload 32-40 tn
p.87

- KAMAZ products

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3		
C3 / R		
C3 / R		
C3 / R		
R		
R		
R		

¹ the modification is under development

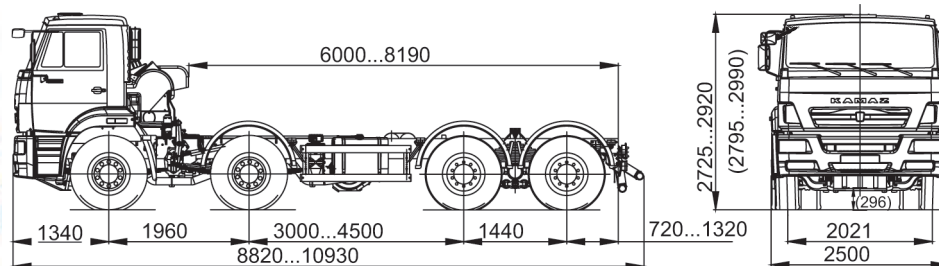
Technical specifications

Wheels and tyres:	
Wheel size	7.50x22.5 or 7.5-20
Tyre size (*tubeless)	11.00R20 or 11R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	85
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	11
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bars	
Rear suspension	
Dependent, leaf spring, equalizing beam, with the torque rods and a stabiliser bar	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Emergency brake system	
Every circuit of the primary brake system	
Auxiliary brake system	
Damper plate in the exhaust system	
Other specifications	
Steering system with a double-circuit hydraulic drive (optional)	

KAMAZ-65201 8x4 (K4132-K4142) chassis



Right-hand drive (RHD)
diesel version
with an RS cab
is available



Dimensions with curb (gross weight)

Power unit						
Engine	Make	Engine power, hp / Component model				
		320	360	370	400	420
Diesel	Euro-2, EC-3	KAMAZ	740.51-320	740.50-360		
	Euro-3	KAMAZ		740.60-360		740.63-400
	EC-4	KAMAZ			740.632-400	740.642-420
	Euro-4	KAMAZ			740.73-400	740.74-420
		Cummins			ISLe400 40	
	Euro-5	KAMAZ			740.735-400	740.745-420
		Cummins			ISL400 50	
	Euro-6	Cummins			L9E6 C370 ¹	
Clutch		ZF Sachs	MFZ-430			
Gearbox		ZF	16S1820TO	16S1825TO		16S2225TO

Technical specifications	
Weights and loads / engine type	Diesel
Chassis curb weight, kg	10930³ / 11230
- first and second axle, kg	6330 ³ / 6480
- rear tandem axle, kg	4600 ³ / 4750
Gross vehicle weight², kg	35000 / 41000
- first and second axle, kg	15000
- rear tandem axle, kg	20000 / 26000
Chassis payload², kg	24070...23770 / 30000 / 29700
Trailer permissible weight, kg	-
Gross combined weight rating, kg	-
Final drive	
Gear ratio	5.11
Type	Central double
Feed system	
Fuel tank capacity, l	210 or 210+210 or 550
Wheels and tyres	
Wheel size	9.00x22.5
Tyre size (*tubeless)	315/80R22.5*

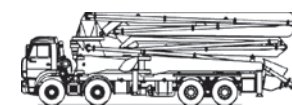
Application

Construction



- Dump truck
V=16/20 m³
Payload 25.5 tn

p.70-71



- Concrete pump truck
H=42/47 m

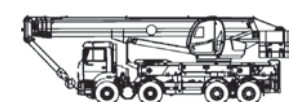
p.72-73



- Concrete mixer
V=10/12 m³

p.72-73

Lift vehicles



- Mobile crane
Payload
40-50 tn

p.87

- KAMAZ products

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C3		
C3/RS		
C3/RS		
RS		
RS		
RS		
RS		

¹ under development

Technical specifications	
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	11.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bars	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS,ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system
Other specifications	
Steering system with a double-circuit hydraulic drive (optional)	

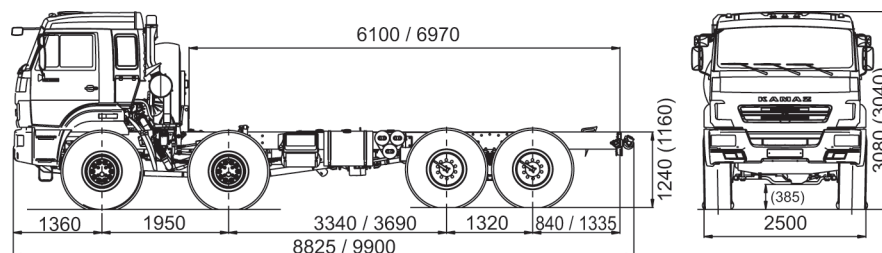
² for roads with permissible axial load not more than 10 tons / technically permitted

³ for versions with 3000 + 1440 mm wheelbase

KAMAZ-63501 8x8.1 (B2732-B2736) chassis



Right-hand drive (RHD) diesel Euro-2 versions with C1 or C2 cabs are available



Dimensions with curb (gross) weight with an R cab

Application

Fire-fighting



Airfield crash truck
V=11.2 m³

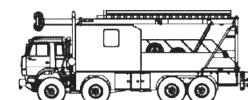
[p.80-81](#)

Petrochemical, oil & gas industry



Mobile compressor station

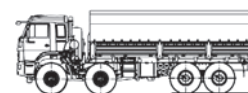
[p.76-77](#)



Oil and gas well development and surveying trucks

[p.76-77](#)

Logistics



● Drop-side truck

[p.92-93](#)

● KAMAZ products

Power unit

Engine	Make	Engine power, hp / Component model	
		320	360
Diesel	Euro-2, EC-3	KAMAZ 740.51-320	740.50-360
	EC-4	KAMAZ 740.612-320	740.602-360
	Euro-5	KAMAZ 740.715-320	740.725-360
Clutch	ZF Sachs	MFZ-430	
Gearbox	ZF	16S1820TO	
Transfer case	KAMAZ	6522 or 65111	
	ZF Passau	VG2000/300 or VG1600/300	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
C1 / C2	C1 / C2	
R	R	
R	R	

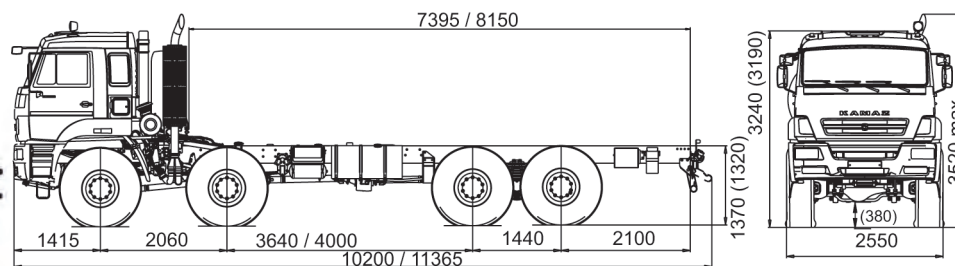
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		11000
- first and second axle, kg		7200
- rear tandem axle, kg		3800
Gross vehicle weight, kg		27200
- first and second axle, kg		11200
- rear tandem axle, kg		16000
Chassis payload, kg		16125
Trailer permissible weight, kg		12000
Gross combined weight rating, kg		39200
Final drive		
Gear ratio		5.94 or 6.53
Type		Central double
Feed system		
Fuel tank capacity, l		210 or 210+350
Wheels and tyres		
Wheel size		310-533
Tyre size		425/85R21

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	60% (31°) / 36% (20°)
Wall-to-wall turning circle, single / combination vehicle, m	15.0 / 16.0 for 3340/3690 + 1320 mm wheelbase
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-6560 8x8.1 (K3840) chassis



Dimensions with curb (gross) weight with a C3 cab

Power unit

Engine		Make	Engine power, hp / Component model		
			400		
Diesel	Euro-2, EC-3	KAMAZ	740.35-400 or 740.37-400		
	Euro-3	KAMAZ			740.63-400
	EC-4	KAMAZ	740.632-400		
	Euro-5	KAMAZ	740.735-400		
Clutch		ZF Sachs	-		MFZ-430
Gearbox		ZF	6HP602 ¹		16S1820TO 16S1822TO
Transfer case		KAMAZ	6522		
		ZF Passau	VG2000/300		

Technical specifications

Weights and loads / ecological class	Euro-2, EC-3, Euro-3, EC-4	Euro-5
Chassis curb weight, kg	13600	14250
- first and second axle, kg	8350	9000
- rear tandem axle, kg	5250	5250
Gross vehicle weight ³ , kg	35000 / 38000	
- first and second axle, kg	15000	
- rear tandem axle, kg	20000 / 23000	
Chassis payload ³ , kg	21325 / 24325	20675 / 23675
Trailer permissible weight, kg	12000...22000	
Gross combined weight rating, kg	50000...60000	
Final drive		
Gear ratio	6.33	
Type	Hub reduction gear	
Feed system		
Fuel tank capacity, l	350 or 350+350	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3 ²	
	R	
	R	
	R	

¹ non-serial version, is manufactured with C3 cab

² headlights on the cab design

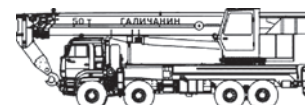
Application

Fire-fighting



Airfield crash truck
V=12.2 m³
p.80-81

Lift vehicles



Mobile crane
Payload
50 tn
p.87

Logistics



Drop-side truck
Payload
20 tn
p.92-93

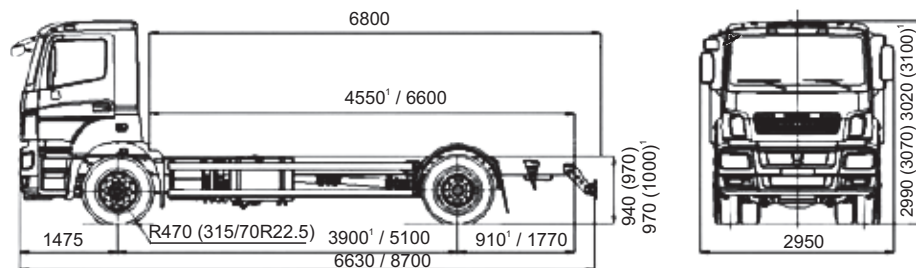
● KAMAZ products

Technical specifications

Wheels and tyres	
Wheel size	11.25-20
Tyre size	16.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	60% (31°) / manual gearbox: 32% (18°), automatic gearbox: 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	16.2 / 16.9 (for wheelbases 2060+3640+1440/2060+4000+1440)
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system
Other specifications	
Steering system with a double-circuit hydraulic drive (optional)	

³ for roads with the permissible axial load not more than 10 tons / technically permitted

KAMAZ-5325 4x2 (T1825) chassis



Dimensions with curb (gross) weight

Application

Municipal operations



Garbage truck
V=12-16 m³
[p.74-75](#)

Logistics



- Drop-side truck, insulated van
Payload 10.5-11.5 tn (16 europallets)
[p.92-93](#)

● KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model	
			250	
Diesel	Euro-5	Cummins	ISB6.7E250	
Clutch		ZF Sachs	MF-395	MFZ-430
Gearbox		ZF	6S1000TO	9S1310TO

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
A		

Technical specifications

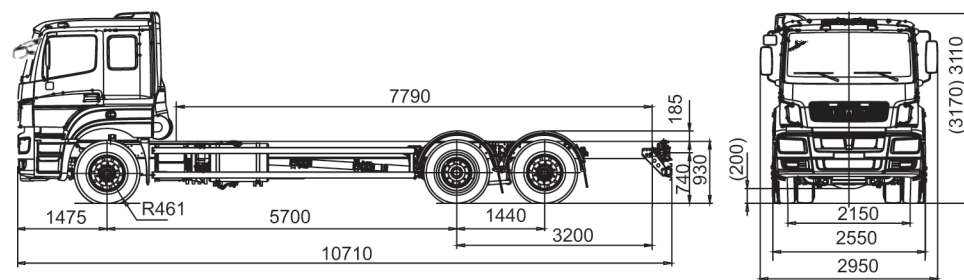
Weights and loads / engine type		Diesel
Chassis curb weight, kg		6590 / 6730
- front axle, kg		4450 / 4540
- rear axle, kg		2140 / 2190
Gross vehicle weight, kg		19000
- front axle, kg		7500
- rear axle, kg		11500
Chassis payload, kg		11270...12410
Trailer permissible weight, kg		-
Gross combined weight rating, kg		-
Final drive		
Gear ratio		4.3; 5.875 ¹
Type		Hypoid
Feed system		
Fuel tank capacity, l		300 ¹ or 400

Technical specifications

Wheels and tyres	
Wheel size	9.00-22.5
Tyre size (*tubeless)	315/70R22.5* or 315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, % (degrees)	25% (14°)
Wall-to-wall turning circle, m	11.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), disk brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

¹ for wheelbase of 3900 mm

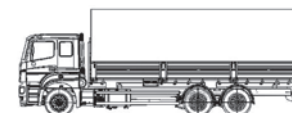
KAMAZ-65208 6x2-2 (T2640) chassis



Dimensions with curb (gross) weight
Last rear lifting axle

Application

Logistics



Drop-side
tow truck,
refrigerator
Payload
16.77 tn

p.93-94

Power unit

Engine		Make	Engine power, hp / Component model	
			400	
Diesel	Euro-3	Daimler	OM 457LA.V/3	
	Euro-5		OM 457LA.V/3	
Gas	Euro-5	Weichai	WP12NG400E50	
Clutch		ZF	MFZ-430	
Gearbox		ZF	12AS2130TO	
		Allison	4440P	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	A	
	A	
	A	
	A	

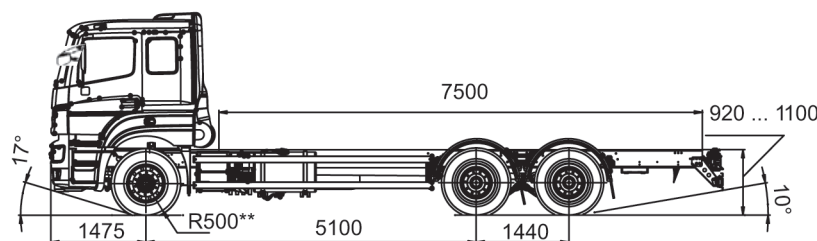
Technical specifications

Weights and loads / Fuel		Diesel	Gas (CNG)
Chassis curb weight, kg		9230	
- front axle, kg		5440	
- rear tandem axle, kg		3790	
Gross vehicle weight, kg		26000	
- front axle, kg		9000	
- rear tandem axle, kg		17000	
Chassis payload, kg		16770	
Trailer permissible weight, kg		18000	
Gross combined weight rating, kg		44000	
Final drive			
Gear ratio		3.077	
Type		Hypoid	
Feed system			
Fuel tank capacity, l		400	984 (8x123)

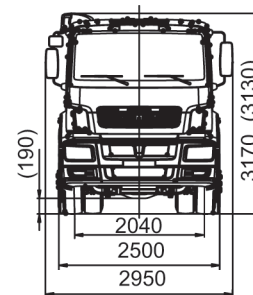
Technical specifications

Wheels and tyres	
Wheel size (front axle / rear driving axle / lifting axle)	11.75-22.5 / 9.00-22.5 / 11.75-22.5
Tyre size (front axle / rear driving axle / lifting axle, *tubeless)	385/55R22.5* / 315/70R22.51 / 385/55R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	11.5 (or 9.5 for the wheelbase of 4500+1400 mm)
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar, lifting axle, with pressure sensors on lifting and driving axles
Primary brake system	Parking brake system
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), disk brakes on all wheels	Rear axle and non-steering lifting axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-65207 6x4 (T2640) chassis

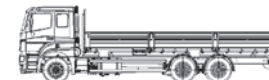


Dimensions with curb weight, in brackets with regard to the air suspension adjustment range



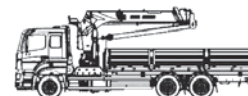
Application

Logistics



- Drop-side truck
Payload
14.5 tn
p.92-93

Lift vehicles



- Drop-side truck
with a loader crane
Payload 11.3 tn
p.86

- KAMAZ products

The chassis application range will be extended

Power unit

Engine		Make	Engine power, hp / Component model	
			400	401
Diesel	Euro-5	Daimler		OM 457LA .V/3 ¹
	Euro-5 EEV			OM 457LA .EEV/3
Gas	Euro-5	Weichai	WP12NG400E50	
Clutch		ZF Sachs		MFZ-430
Gearbox	ZF			16S2220TD
	Allison		4440P	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	A	
	A	
	A	

¹ for wheelbase of 3900 mm

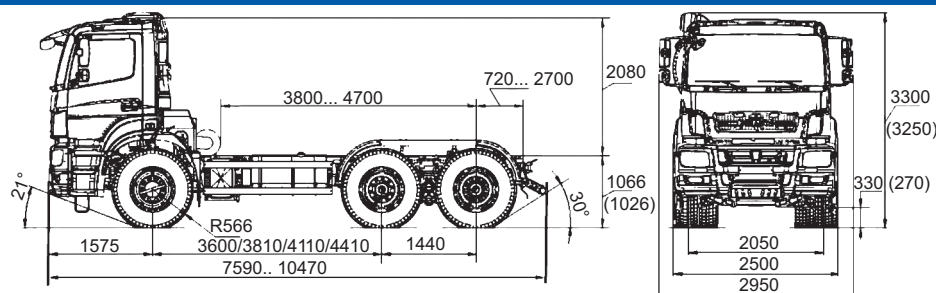
Technical specifications

Weights and loads / engine type		Diesel	Gas (CNG)
Chassis curb weight, kg		9100	
- front axle, kg		5085	
- rear tandem axle, kg		4015	
Gross vehicle weight, kg		26000	
- front axle, kg		7000	
- rear tandem axle, kg		19000	
Chassis payload, kg		16825	
Trailer permissible weight, kg		18000	
Gross combined weight rating, kg		44000	
Final drive			
Gear ratio		3.7	
Type		Hypoid	
Feed system			
Fuel tank capacity, l		400	984 (8x123)

Technical specifications

Wheels and tyres	
Wheel size	9.00x22.5
Tyre size (*tubeless)	315/70R22.5* or 315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	25% (14°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	11,5 (or 9,5 for the wheelbase of 4500+1440 mm)
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	
Primary brake system	
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), disk brakes on all wheels	
Emergency brake system	
Every circuit of the primary brake system	
Rear suspension	
Dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar	
Parking brake system	
Rear tandem axle wheel brake gears actuated by the spring accumulator drive	
Auxiliary brake system	
Damper plate in the exhaust system	

KAMAZ-6580¹ / 6520 Luxe² 6x4 (K3540, 4140-4142) chassis

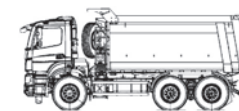


Dimensions with curb (gross) weight
 Dimensions for 6580 are shown in the drawing
 Difference for 6520 Luxe: wheelbases 3600, 3900, 4200, 4500 + 1440 mm, front overhang 1475 mm

Note: the dump truck is shown as an example of chassis use

Application

Construction, logistics



● Dump truck
 V=16/20 m³
 Payload up to 27 tn

p.70-71

p.94-95

● KAMAZ products

The chassis application range will be extended

Power unit					
Engine		Make	Engine power, hp / Component model		
			400	401	428
Diesel	Euro-3	Daimler			OM 457LA.III/9
	EC-4	KAMAZ	740.632-400		
	Euro-5	Daimler		OM 457LA.V/3	OM 457LA.V/4
		KAMAZ	740.735-400		
		Cummins	ISL 8.9E5 400 ³		
Clutch		ZF Sachs	MFZ-430		
Gearbox		ZF	16S1820TO	16S2220TO	16S2225TO

Technical specifications		
Weights and loads / Model		
		6580
		6520 Luxe
Load on the driving axle, kg		16000
Chassis curb weight, kg		11400
- front axle, kg		4700
- rear tandem axle, kg		5300
Gross vehicle weight ⁵ , kg		29000 / 41000
- front axle, kg		9000
- rear tandem axle ⁵ , kg		20000 / 32000
Chassis payload ⁵ , kg		17600 / 29600
Trailer permissible weight, kg		-
Gross combined weight rating ⁵ , kg		49000 / 55000
Final drive		
Gear ratio		5.262
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		350 or 500 (depends on wheelbase)

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper) ⁴	High Sleeper cab (2 sleepers)
A	A	
A	A	
A	A	
A	A	
A	A	

¹ model designation with Daimler engines

² model designation with KAMAZ and Cummins engines

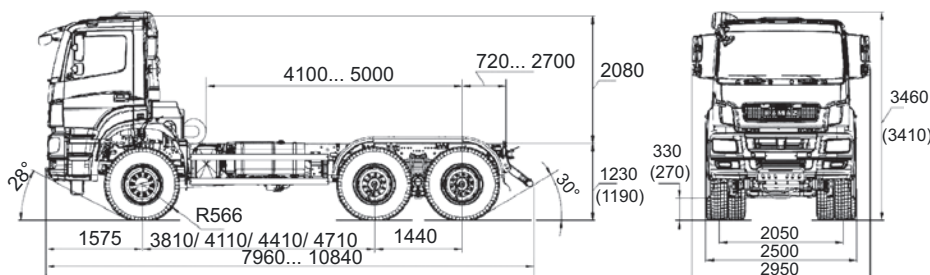
³ under development

⁴ for wheelbases over 4110 mm (6580) or over 3900 mm (6520 Luxe)

Technical specifications	
Wheels and tyres:	
Wheel size	6580: 8.5-24.0 6520 Luxe: 9.00-22.5; front axle 11.75-22.5
Tyre size (*tubeless)	6580: 12.00R24 6520 Luxe: 315/80R22.5*; front axle 385/65R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	30% (18°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	11.0/ 9.3/ 12.8 for 3510/ 3600/ 4410 +1440 mm wheelbases
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

⁵ for roads with the permissible axial load not more than 10 tons / technically permitted

KAMAZ-65802¹ / 6522 Luxe² 6x6 (K3340, 4140-4142) chassis



Dimensions with curb (gross) weight
 Dimensions for 65802 are shown in the drawing
 Difference for 6522 Luxe: wheelbases 3600 / 3900 / 4200 / 4500 + 1440 mm, front overhang 1475 mm

Note: the dump truck is shown as an example of chassis use

Power unit					
	Engine	Make	Engine power, hp / Component model		
			400	401	428
Diesel	Euro-3	Daimler			OM 457LA.III/9
	EC-4	KAMAZ	740.632-400		
	Euro-5	Daimler		OM 457LA.V/3	
		KAMAZ	740.735-400		
	Clutch	ZF Sachs	MFZ-430		
	Gearbox	ZF	16S1820TO	16S2225TO	

Technical specifications		
Weights and loads		
Chassis curb weight, kg		65802 11000 6522 Luxe 10400
- front axle, kg		5000 5000
- rear tandem axle, kg		6000 5400
Gross vehicle weight ⁴ , kg		29000 / 41000 27500 / 33500
- front axle, kg		9000 7500
- rear tandem axle, kg		20000 / 32000 20000 / 26000
Chassis payload ⁴ , kg		18000 / 30000 17100 / 23100
Trailer permissible weight, kg		- 20000
Gross combined weight rating ⁴ , kg		- 47500 / 53500
Final drive		
Gear ratio		5.262 5.143
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		350 or 500 (depends on wheelbase)

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Application	
Construction, logistics	
	<ul style="list-style-type: none"> ● Dump truck
	V=12/16 m ³
	Payload up to 26 tn
	p.70-71
p.94-95	

● KAMAZ products

The chassis application range will be extended

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper) ³	High Sleeper cab (2 sleepers)
A	A	
A	A	
A	A	
A	A	
A	A	

¹ model designation with Daimler engines

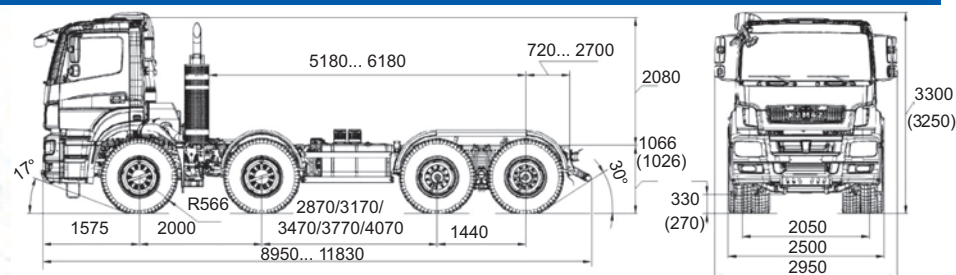
² model designation with KAMAZ engine

³ for wheelbases over 4110 mm (65802) or over 3900 mm (6522 Luxe)

Technical specifications	
Wheels and tyres	
Wheel size	65802: 8.5-24; 6522 Luxe: 9.00x22.5
Tyre size (*tubeless)	65802: 12.00R24; 6522 Luxe: 315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	30% (18°) / 18% (10°)
Wall-to-wall turning circle, single / combination vehicle, m	12.0 / 11.6 (for 3600/3810 + 1440 mm wheelbase)
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

⁴ for roads with the permissible axial load not more than 10 tons / technically permitted

KAMAZ-65801¹ / 65201 Luxe² 8x4 (K4440-K4442, K5044) chassis

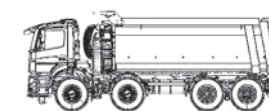


Dimensions with curb (gross) weight
 Dimensions for 65801 are represented on the drawing
 Difference for 65201 Luxe: wheelbases 3000, 3300, 3600, 3900 + 1440, front overhang 1475 mm

Note: the dump truck is shown as an example of chassis use

Application

Construction, logistics



- Dump truck
 $V=20/25 \text{ m}^3$
 Payload
 up to 33 tn
[p.70-71](#)
[p.94-95](#)

● KAMAZ products

The chassis application range will be extended

Power unit

	Engine	Make	Engine power, hp / Component model	
			400	428
Diesel	Euro-3	Daimler		OM 457LA.III/9
	EC-4	KAMAZ	740.632-400	
	Euro-5	Daimler		OM 457LA.V/4
		KAMAZ	740.735-400	
	Clutch	ZF Sachs	MFZ-430	
	Gearbox	ZF	16S1825TO	16S2220TO

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper) ³	High Sleeper cab (2 sleepers)
A	A	
A	A	
A	A	
A	A	
A	A	

¹ model designation with Daimler engines

² model designation with KAMAZ and Cummins engines

³ for wheelbases over 3110 mm (65801) or 3300 mm (65201 Luxe)

Technical specifications

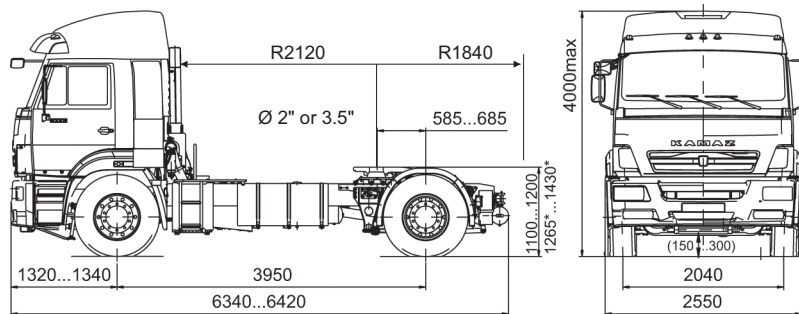
Weights and loads / engine type		65801	65201 Luxe
Load on driving axle, kg		16000	13000
Chassis curb weight, kg		12200	11000
- first and second axle, kg		6600	4600
- rear tandem axle, kg		5600	6400
Gross vehicle weight ⁴ , kg		38000 / 50000	38000 / 44000
- first and second axle, kg		18000	18000
- rear tandem axle, kg		20000 /32000	20000 / 26000
Chassis payload ⁴ , kg		25800 / 37800	27000 / 33000
Trailer permissible weight, kg		-	20000
Gross combined weight rating ⁴ , kg		-	58000 / 64000
Final drive			
Gear ratio		5.262	5.11
Type		Hub reduction gear	
Feed system			
Fuel tank capacity, l		350 or 500 (depends on wheelbase)	

Technical specifications

Wheels and tyres	
Wheel size	65801: 8.5-24 65201 Luxe: 9.00x22.5, front axles 11.75x22.5
Tyre size (*tubeless)	65801: 12.00R24 65201 Luxe: 315/80R22.5*, front axles 385/65R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, % (degrees)	30% (18°)
Wall-to-wall turning circle, single / combination vehicle, m	11.5-11.6
Front suspension	
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bars	
Primary brake system	
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	
Emergency brake system	
Every circuit of the primary brake system	
Rear suspension	
Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bars	
Parking brake system	
Rear tandem axle wheel brake gears actuated by spring accumulator drive	
Auxiliary brake system	
Damper plate in the exhaust system	
Other specifications	
Steering system with a double-circuit hydraulic drive (optional)	

⁴ for roads with the permissible axial load not more than 10 tons / technically permitted

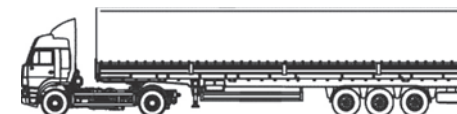
KAMAZ-5460 4x2 (M1836-M1842) tractor unit



Dimensions including an air and ¹leaf spring suspension with curb (gross) weight

Application

Logistics



- Semi-trailer truck
Payload 24.5 tn

p.90-93

- KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model		
			360	400	420
Diesel	Euro-2, EC-3	KAMAZ	740.50-360	740.37-400	
	Euro-3	KAMAZ	740.60-360	740.63-400	
	Euro-4	KAMAZ		740.73-400	740.74-420 ¹
	Euro-6	Cummins		ISL9 E6 400	
Clutch		ZF Sachs	MFZ-430		
Gearbox		ZF	16S1820TO or 12AS1931TO ²		

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
		C3
		C3 / RS
		RS
		RS

¹ the version with a diesel particulate filter (DPF) is available

² for certain Euro-4 modifications

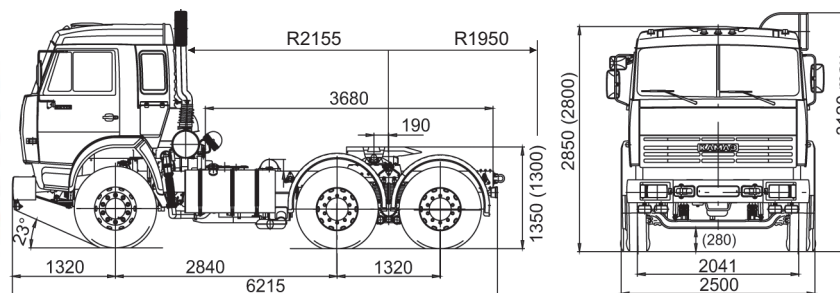
Technical specifications

Weights and loads / engine type		Diesel
Curb weight, kg		7425
- front axle, kg		4755
- rear axle, kg		2670
Gross vehicle weight, kg		18000
- front axle, kg		6500
- rear axle, kg		11500
Fifth wheel load, kg		10500
Semi-trailer permissible weight, kg		32500
Gross combined weight rating, kg		40000
Final drive		
Gear ratio		3.36 or 3.58 or 5.11 or 6.33
Type		Hypoid or hub reduction gear
Feed system		
Fuel tank capacity, l		350+350 or 500 or 550

Technical specifications

Wheels and tyres	
Wheel size	9.00x22.5 or 8.5-20
Tyre size (*tubeless)	315/60R22.5* or 315/80R22.5* or 12.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	8.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, with hydraulic telescopic shock absorbers / Dependent, air and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, disk or drum brakes on all wheels	Rear axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and a retarder in the transmission box, if available

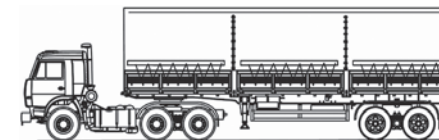
KAMAZ-54115 6x4 (T1924) tractor unit



Dimensions with curb (gross) weight

Application

Logistics



- Semi-trailer truck
Payload 27 tn

p.90-93

- KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model
			240
Diesel	Euro-2, EC-3 ¹	KAMAZ	740.31-240
Clutch		KAMAZ	142
Gearbox		KAMAZ	152

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C1	

¹ the vehicle is not certified for EC-3, only Euro-2

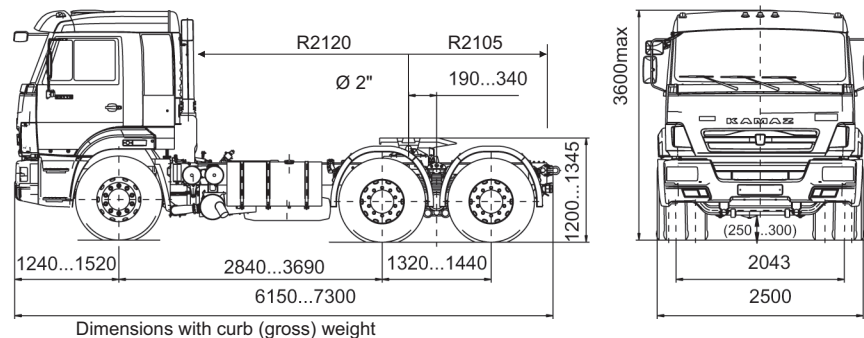
Technical specifications

Weights and loads / engine type		Diesel
Curb weight, kg		7400
- front axle, kg		3780
- rear tandem axle, kg		3620
Gross vehicle weight, kg		19550
- front axle, kg		4580
- rear tandem axle, kg		14970
Fifth wheel load, kg		12000
Semi-trailer permissible weight, kg		26850
Gross combined weight rating, kg		34400
Final drive		
Gear ratio		5.43 or 5.94 or 6.53 or 7.22
Type		Central double
Feed system		
Fuel tank capacity, l		350

Technical specifications

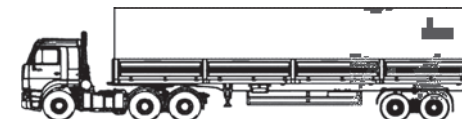
Wheels and tyres	
Wheel size	7.5-20
Tyre size	10.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	-
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-65116 6x4 (T2226-T2230) tractor unit



Application

Logistics



- Semi-trailer truck
Payload 30 tn
p.90-93

- KAMAZ products

Power unit

		Make	Engine power, hp / Component model		
			260	280	300
Diesel	Euro-2. EC-3	KAMAZ	740.30-260		
	EC-3	Cummins			6ISBe300
	Euro-3	KAMAZ		740.62-280	
	Euro-4	Cummins			ISB6.7e4 300
	Euro-5	Cummins			ISB6.7E5 300
Gas	Euro-4	KAMAZ			820.62-300
	Euro-5				820.92-300 ¹
Clutch		ZF Sachs	MFZ-430		
Gearbox		KAMAZ	154		154 ²
		ZF		9S1310TO	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	
	C3/R	
	C3/R	
	R	
	R	
	R	
	R	

¹ only with ZF 9S1310 gearbox

² only with KAMAZ 820.62-300 engine

Technical specifications

Technical specifications			
Weights and loads / engine type	Diesel	Gas (CNG)	Gas (LNG) ²
Curb weight, kg	7275...7775	8725	8150
- front axle, kg	3600...4075	4625	4300
- rear tandem axle, kg	3675...3700	4100	3850
Gross vehicle weight, kg	22850	23800	23225
- front axle, kg	5050	5400	5400
- rear tandem axle, kg	17800	18400	17825
Fifth wheel load, kg	15500...15000	15000	15000
Semi-trailer permissible weight, kg	30500	30000	30575
Gross combined weight rating, kg	37850	38800	38800
Final drive			
Gear ratio	4.98 or 5.43 or 5.94 or 6.53		
Type	Central double		
Feed system			
Fuel tank capacity, l	350	1040 (9x80+4x80)	500 (effective volume 450)

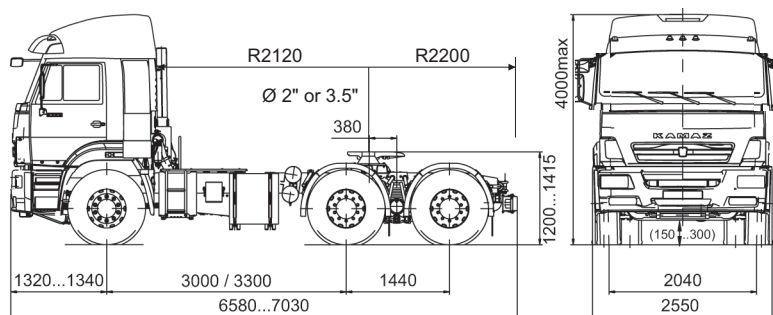
Technical specifications

Wheels and tyres	
Wheel size	7.5-20 or 7.5x22.5
Tyre size (*tubeless)	11.00R20 or 11R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	10.7
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods / (for 3130+1440 wheelbase) dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

KAMAZ-6460 6x4 (M2636-M2642) tractor unit



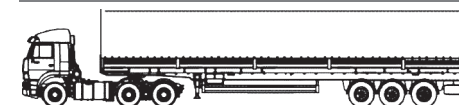
Right-hand drive (RHD) diesel Euro-2 and Euro-3 versions with C3 and RS cabs are available



Dimensions with curb (gross) weight

Application

Logistics



- Semi-trailer truck
Payload 21.5 tn
[p.90-93](#)

Construction, logistics



- Dump truck
Semi-trailer truck
Payload 26-28 tn
[p.73](#)
[p.95](#)



- Bulk cement truck
V=17-35 m³
[p.97](#)

- KAMAZ products

Power unit

	Engine	Make	Engine power, hp / Component model		
			360	400	420
Diesel	Euro-2, EC-3	KAMAZ	740.50-360	740.35-400	
	Euro-3	KAMAZ		740.63-400	
	Euro-4	KAMAZ		740.73-400	740.74-420 ²
	Clutch	ZF Sachs	MFZ-430		
	Gearbox	ZF	16S1820TO or 12AS1931TO ¹		

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	C3
	C3 / RS	C3 / RS
	RS	RS

¹ for certain Euro-4 modifications

² the version with a diesel particulate filter (DPF) is available

Technical specifications

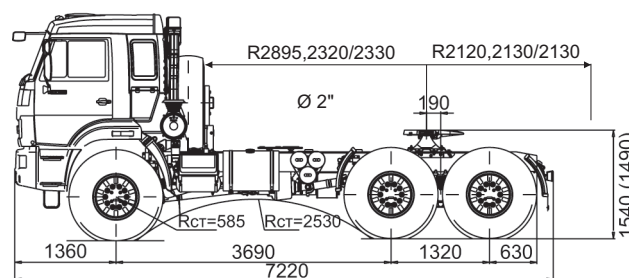
Weights and loads / engine type		Diesel
Curb weight, kg		9425...9625 (8825³)
- front axle, kg		4655...4825 (4825 ³)
- rear tandem axle, kg		4770...4800 (4000 ³)
Gross vehicle weight, kg		26500
- front axle, kg		6500
- rear tandem axle, kg		20000
Fifth wheel load, kg		17000...16800 (17600³)
Semi-trailer permissible weight, kg		52500...52300 (53100 ³)
Gross combined weight rating, kg		62000
Final drive		
Gear ratio		3.7 or 4.33 or 5.11 or 6.33
Type		Hypoid or hub reduction gear
Feed system		
Fuel tank capacity, l		300+300 or 550
Wheels and tyres		
Wheel size		9.00x22.5 or 8.5-20
Tyre size (*tubeless)		315/60R22.5* or 315/80R22.5* or 12.00R20

Technical specifications

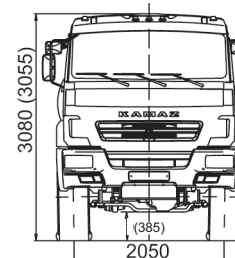
Specifications for a fully-loaded vehicle	
Max. speed, km/h	100
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	8.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods / Dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels or disc	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and a retarder in the transmission gearbox, if available

³ in brackets () for the version with an air suspension and hypoid axles

KAMAZ-53504 / 44108² 6x6.1 (B2126-B2130) tractor unit



Dimensions with curb (gross) weight



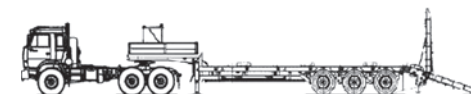
Application

Logistics



Semi-trailer truck for oil transportation
V=18 m³

[p.96-97](#)



Semi-trailer truck for long cargo transportation
Payload 13.2 tn

[p.98-99](#)

Power unit				
Engine		Make	Engine power, hp / Component model	
			260	300
Diesel	Euro-2, EC-3	KAMAZ	740.30-260	740.55-300
	EC-4	KAMAZ		740.662-300
	Euro-5	KAMAZ		740.705-300
	Euro-5	Cummins		ISB6.7E5 300
	Euro-6	Cummins		
Clutch		ZF Sachs	MFZ-430	
Gearbox		KAMAZ	154 ¹	
		ZF	9S1310TO	
Transfer case		KAMAZ	65111	

Technical specifications	
Weights and loads / engine type	Diesel
Curb weight, kg	9025(9225³)
- front axle, kg	5085 (5185 ³)
- rear tandem axle, kg	3940 (4040 ³)
Gross vehicle weight, kg	19700²...21550 (21600³)
- front axle, kg	5700...5770 (5800 ³)
- rear tandem axle, kg	14000...15780 (15800 ³)
Fifth wheel load, kg	10350²...12200 (12300³)
Semi-trailer permissible weight, kg	23000...28650 (28700 ³)
Gross combined weight rating, kg	32350²...38000
Final drive	
Gear ratio	6.53 or 7.22
Type	Central double
Feed system	
Fuel tank capacity, l	350+210

Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	R	
	R	
	R	
	R	

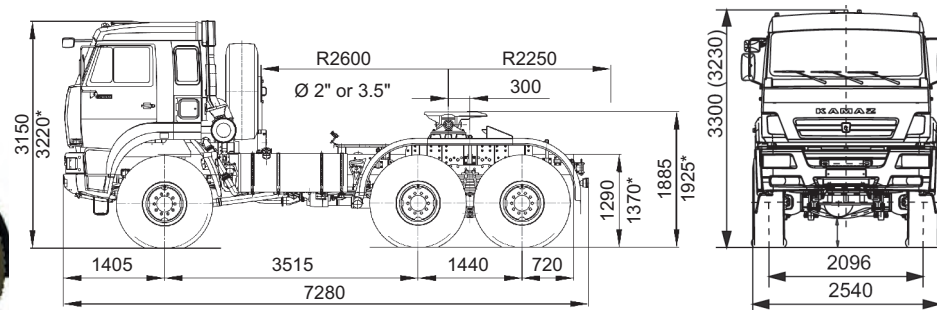
¹ only with Euro-2, EC-3, EC-4 Kamaz engines

Technical specifications	
Wheels and tyres	
Wheel size	310-533
Tyre size	390/95R20 or 425/85R21
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	12.2
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of primary brake system	Damper plate in the exhaust system

² only for the 44108 model with the KAMAZ. 740.30-260 engine

³ in brackets () for the version with a hydraulic power installation

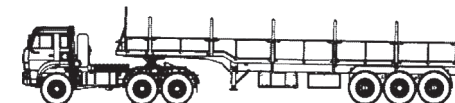
KAMAZ-65221 6x6.1 (K2836-K2840) tractor unit



Dimensions with curb (gross) weight

Application

Logistics, logging



Semi-trailer truck-
Short log truck
Payload 30 tn

p.82-83

p.98-99

Power unit

Engine	Make	Engine power hp / Component model	
		360	400
Diesel	Euro-2, EC-3	KAMAZ	740.50-360
	Euro-3	KAMAZ	740.63-400
	EC-4	KAMAZ	740.632-400
	Euro-5	KAMAZ	740.735-400
Clutch		ZF Sachs	MFZ-430
Gearbox		ZF	16S1820TO
Transfer case	KAMAZ	6522	
	ZF Passau	VG2000/300	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	
	C3 / RS	
	RS	
	RS	

Technical specifications

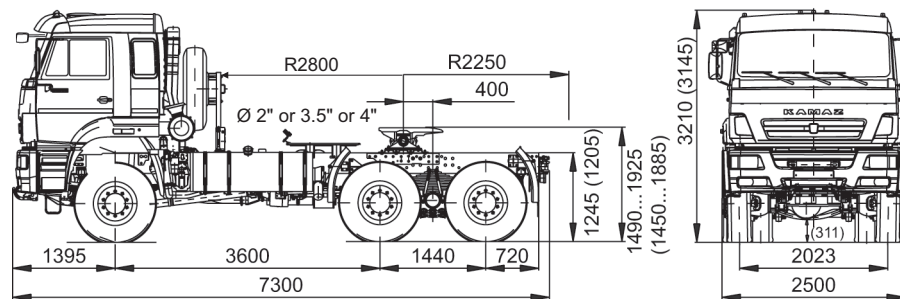
Weights and loads / engine type		Diesel
Curb weight, kg		11380...11625
- front axle, kg		5750...5775
- rear tandem axle, kg		5630...5850
Gross vehicle weight¹, kg		27200 / 28700
- front axle, kg		7200
- rear tandem axle, kg		20000 / 21500
Fifth wheel load¹, kg		15575 / 17000
Semi-trailer permissible weight, kg		51000
Gross combined weight rating, kg		62700
Final drive		
Gear ratio		6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		350
Wheels and tyres		
Wheel size		11.25-20
Tyre size		16.00R20

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	11
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bars
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

¹ for roads with the permissible axial load not more than 10 tons / technically permitted

KAMAZ-65225 6x6 (K3336-K3342) tractor unit



Dimensions with curb (gross) weight

Application

Construction, logistics

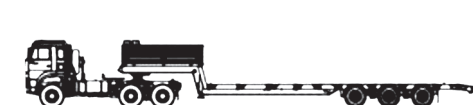


Dump semi-trailer truck
Payload 34 tn

p.73

p.95

Logistics, petrochemical, oil & gas industry



Semi-trailer truck train
for long cargo
transportation
Payload 36 tn

p.99

Power unit

	Engine	Make	Engine power, hp / Component model		
			360	400	420
Diesel	Euro-2, EC-3	KAMAZ	740.50-360		
	Euro-3	KAMAZ		740.63-400	
	EC-4	KAMAZ		740.632-400	
	Euro-5	KAMAZ		740.735-400	740.745-420
	Clutch	ZF Sachs	MFZ-430		
	Gearbox	ZF	16S1820TO		
	Transfer case	KAMAZ	6522		
		ZF Passau	VG2000/300		

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3	
	C3/RS	
	RS	
	RS	

Technical specifications

Weights and loads / engine type		Diesel
Curb weight, kg		11285
- front axle, kg		5395
- rear tandem axle, kg		5890
Gross vehicle weight¹, kg		27500 / 33360
- front axle, kg		7500
- rear tandem axle, kg		20000 / 25860
Fifth wheel load¹, kg		16200 / 22000
Semi-trailer permissible weight, kg		64000
Gross combined weight rating, kg		75360
Final drive		
Gear ratio		5.11 or 5.43 or 6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		500

Technical specifications

Wheels and tyres	
Wheel size	8.5-20
Tyre size	12.00R20
Specifications for a fully-loaded vehicle	
Max. speed, km/h	80
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	11.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and stabiliser bars
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

¹ for roads with the permissible axial load not more than 10 tons / technically permitted

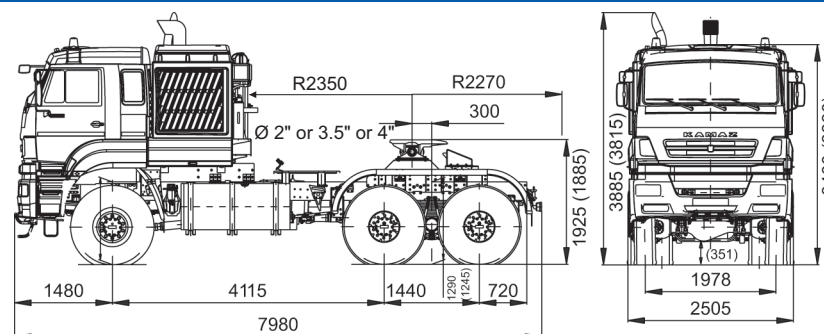
KAMAZ-65226 6x6 (K3353-K3360) tractor unit

Application

Logistics, petrochemical, oil & gas industry



Semi-trailer truck for long
cargo transportation
Payload 60 tn
p.98-99



Dimensions with curb (gross) weight

Power unit

	Engine	Make	Engine power, hp / Component model		
			535	560	600
Diesel	Euro-3	Cummins	ISXe535 30		
	EC-4	Cummins		QSX15 560	QSX15 600
	Gearbox	Allison	HD 4500 R		
	Transfer case	ZF Passau	VG2700/400		

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	RS	
	RS	

Technical specifications

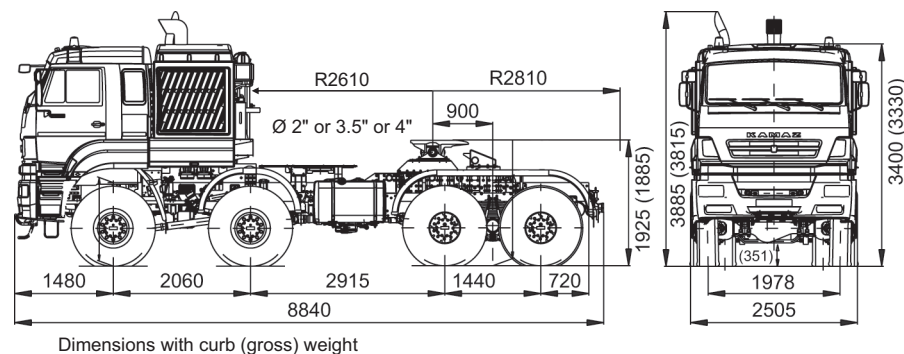
Weights and loads / engine type		Diesel
Curb weight, kg		13700
- front axle, kg		7100
- rear tandem axle, kg		6600
Gross vehicle weight¹, kg		28300 / 33300
- front axle, kg		8300
- rear tandem axle, kg		20000 / 25000
Fifth wheel load¹, kg		14600 / 19600
Semi-trailer permissible weight, kg		85000
Gross combined weight rating, kg		98700
Final drive		
Gear ratio		6.33
Type		Hub reduction gear
Feed system		
Fuel tank capacity, l		700
Wheels and tyres		
Wheel size		8.5-24
Tyre size		12.00R24

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	60
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	12
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and gearbox in-built retarder

¹ for roads with the permissible axial load being not more than 10 tons / technically permissible

KAMAZ-65228 8x8 (K4153-K4160) tractor unit



Dimensions with curb (gross) weight

Application

Logistics, petrochemical, oil & gas industry

Semi-trailer truck for long cargo transportation

p.99

Power unit					
Engine		Make	Engine power, hp / Component model		
			535	560	600
Diesel	Euro-3	Cummins	ISXe535 30		
	EC-4	Cummins		QSX15 560	QSX15 600
Gearbox		Allison	HD 4500 R		
Transfer case		ZF Passau	VG2700/400		

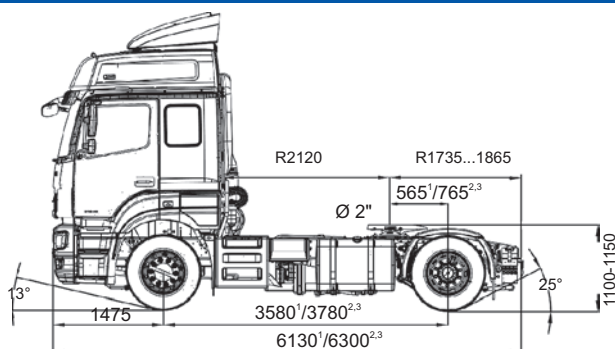
Cab		
Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	C3 / RS	
	RS	

Technical specifications	
Weights and loads / engine type	Diesel
Curb weight, kg	16150
- first and second axle, kg	10000
- rear tandem axle, kg	6150
Gross vehicle weight¹, kg	35000 / 41000
- first and second axle, kg	15000
- rear tandem axle, kg	20000 / 26000
Fifth wheel load¹, kg	18700 / 24700
Semi-trailer permissible weight, kg	103700
Gross combined weight rating, kg	120000
Final drive	
Gear ratio	6.33
Type	Hub reduction gear
Feed system	
Fuel tank capacity, l	400x2
Wheels and tyres	
Wheel size	8.5-24
Tyre size	12.00R24

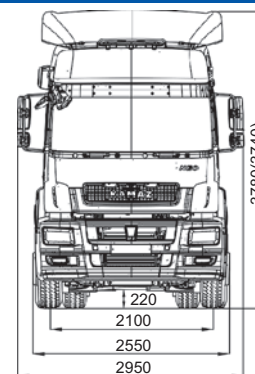
Technical specifications	
Specifications for a fully-loaded vehicle	
Max. speed, km/h	60
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	12
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and gearbox in-built retarder
Other specifications	
Steering system with double-circuit hydraulic drive (optional)	

¹ for roads with the permissible axial load being not more than 10 tons / technically permissible

KAMAZ-5490¹ / 5490 NEO 4x2 (M1840-M1842, T1840) tractor unit

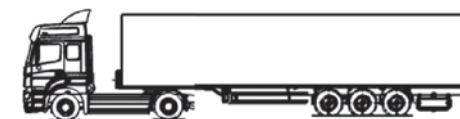


Dimensions for M1840-M1842 with curb (gross) weight
Difference for T1840: cab height with curb (gross) weight: 3180 (3140) mm



Application

Logistics



● Semi-trailer truck

p. 90-93

● KAMAZ products

Power unit

	Engine	Make	Engine power, hp / Component model	
			401	428
Diesel	Euro-3	Daimler		OM457LA.III/9
	Euro-5	Daimler	OM457LA.V/3	OM457LA.V/4
	Euro-5 EEV	Daimler		OM457LA.EEV/4 ¹
	Clutch	ZF Sachs	MFZ-430	
	Gearbox	ZF	16S2220TD	
			12AS2130TD	12AS2131TD 16S2221TD

Technical specifications

Weights and loads / Model		M1840-M1842	T1840
Curb weight, kg		7835...7975	7350...7480
- front axle, kg		5345...5375	5050...5100
- rear axle, kg		2490...2600	2300...2380
Gross vehicle weight, kg		18600	18600
- front axle, kg		7100	7100
- rear axle, kg		11500	11500
Fifth wheel load, kg		10550...10720	11045...11175
Semi-trailer permissible weight, kg		35950...36120	36445...36575
Gross combined weight rating, kg		44000	44000
Final drive			
Gear ratio		3.077	
Type		Hypoid	
Feed system			
Fuel tank capacity, l		760+450/760 ² /400+400 ¹	
Wheels and tyres			
Wheel size		9.00x22.5	
Tyre size (*tubeless)		315/70R22.5* or 315/80R22.5*	

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	A ⁴	A ⁵
	A ⁴	A ⁵
		A ⁵

¹ the only option for Euro-5 EEV version / for Euro-5 EEV version only

² the only option for Euro-3 version

³ the only option for Euro-5 version

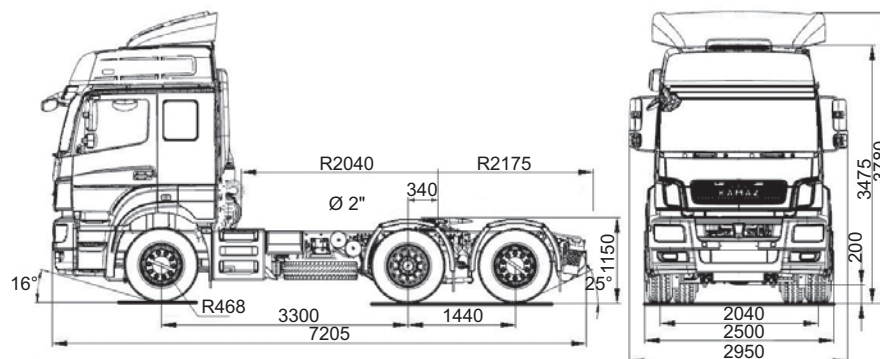
⁴ for T1840 version only

⁵ for M1840-M1842 version only

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), disk brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and retarder in the transmission gearbox, if available

KAMAZ-65209 6x2-2 (M2640) tractor unit



Application

Logistics



● Semi-trailer truck

p.93

p.95

p.97

● KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model	
			401	
Diesel	Euro-5	Daimler	OM 457LA.V/3	
Clutch		ZF Sachs	MFZ-430	
Gearbox		ZF	16S2220TD	12AS2135TD

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	A	

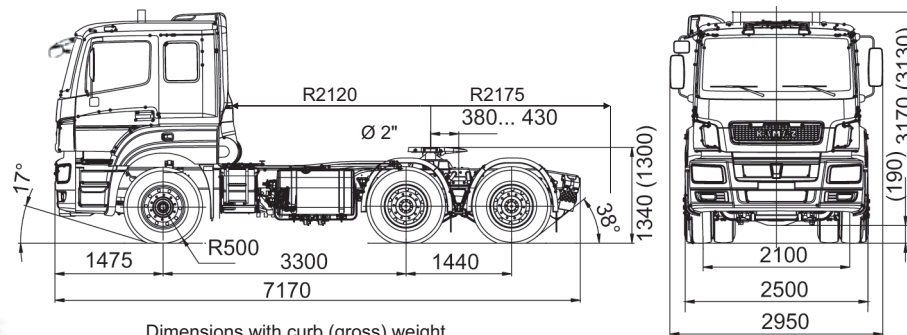
Technical specifications

Weights and loads / engine type		Diesel
Curb weight, kg		8666
- front axle, kg		5225
- rear tandem axle, kg		3200
Gross vehicle weight, kg		26000
- front axle, kg		7000
- rear tandem axle, kg		19000
Fifth wheel load, kg		16500
Semi-trailer permissible weight, kg		35334
Gross combined weight rating, kg		44000
Final drive		
Gear ratio		3.077
Type		Hypoid
Feed system		
Fuel tank capacity, l		500

Technical specifications

Wheels and tyres	
Wheel size (front axle / rear driving axle / lifting axle)	11.75-22.5/9.00-22.5/11.75-22.5
Tyre size (*tubeless)	315/70R22.5* or 315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, as a combination vehicle, % (degrees)	18% (10°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar, lifting axle, with pressure sensors on the lifting and driving axle
Primary brake system	Parking brake system
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), disc brake gears on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and retarder in the transmission gearbox, if available

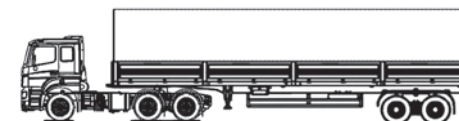
KAMAZ-65206 6x4 (T2640-T2642) tractor unit



Dimensions with curb (gross) weight

Application

Logistics



● Semi-trailer truck

p.93

p.95

p.97

● KAMAZ products

Power unit

Engine		Make	Engine power, hp / Component model		
			401		428
Diesel	Euro-3	Daimler			OM 457LA.III/9 ¹
	Euro-5	Daimler	OM457LA.V/3 ²		OM 457LA.V/4
Clutch		ZF Sachs	MFZ-430		
Gearbox		ZF	12AS2130TD	12AS2135TD	16S2221TD

Cab

Day Cab (no sleepers)	Sleeper Cab (1 sleeper)	High Sleeper cab (2 sleepers)
	A	
	A	

¹ under development

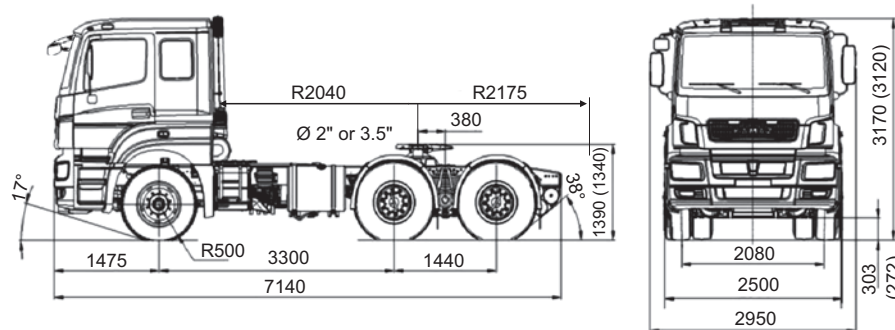
² the version for hazardous cargo transportation


Technical specifications

Weights and loads / engine type		Diesel
Curb weight, kg		9175
- front axle, kg		5250
- rear tandem axle, kg		3925
Gross vehicle weight, kg		26000
- front axle, kg		7000
- rear tandem axle, kg		19000
Fifth wheel load, kg		16750
Semi-trailer permissible weight, kg		34750
Gross combined weight rating, kg		44000
Final drive		
Gear ratio		3.7
Type		Hypoid
Feed system		
Fuel tank capacity, l		400 ¹ or 300+300
Wheels and tyres		
Wheel size		9.00x22.5
Tyre size (*tubeless)		315/80R22.5*

Technical specifications

Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, air, with hydraulic telescopic shock absorbers and a stabiliser bar
Primary brake system	Parking brake system
Pneumatic dual circuit braking, EBS (ABS, ASR, ESP), Disc brake gears on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system and retarder in the transmission gearbox, if available



Application	Logistics
	<ul style="list-style-type: none">● Semi-trailer truck <div><p>p.93</p><p>p.95</p><p>p.97</p></div>

Power unit				
Engine		Make	Engine power, hp / Component model	
			428	
Diesel	Euro-3	Daimler		OM 457LA.III/9
	Euro-5	Daimler	OM 457LA.V/4	
Clutch		ZF Sachs	MFZ-430	
Gearbox		ZF	16S2220TO	16S2221TO

Technical specifications		
Weights and loads / driving axle load, kg	9500	13000
Curb weight, kg	10030	10200
- front axle, kg	5310	5350
- rear tandem axle, kg	4720	4850
Gross vehicle weight¹, kg	26000	27500 / 33500
- front axle, kg	7000	7500
- rear tandem axle, kg	19000	20000 / 26000
Fifth wheel load¹, kg	15895	17225 / 23225
Semi-trailer permissible weight, kg	51895	64000
Gross combined weight rating, kg	62000	74350
Final drive		
Gear ratio	5.11	
Type	hub reduction gear	
Feed system		
Fuel tank capacity, l	300 + 300	

Technical specifications	
Wheels and tyres	
Wheel size	9.00x22.5
Tyre size (*tubeless)	315/80R22.5*
Specifications for a fully-loaded vehicle	
Max. speed, km/h	90
Gradeability, single / combination vehicle, % (degrees)	- / 18% (10°)
Wall-to-wall turning circle, m	7.5
Front suspension	Rear suspension
Dependent, leaf spring, with hydraulic telescopic shock absorbers and a stabiliser bar	Dependent, leaf spring, equalizing beam, with torque rods
Primary brake system	Parking brake system
Pneumatic dual circuit braking, ABS, ASR, drum brakes on all wheels	Rear tandem axle wheel brake gears actuated by the spring accumulator drive
Emergency brake system	Auxiliary brake system
Every circuit of the primary brake system	Damper plate in the exhaust system

Tractor units



Trucks application



Apart from serial commercial vehicles, KAMAZ offers a wider range of special machinery for various industries.

KAMAZ special purpose vehicles model range consists of multi-purpose vehicles used in different fields of activity and special purpose vehicle line-up models as well, used for special tasks (fire-fighting, convicts transportation, etc.)

In order to improve logistics efficiency, KAMAZ offers not only single vehicles but combination vehicles as well. The KAMAZ line-up includes off-road road trucks which do not require heavy maintenance and can be easily operated even in the most severe conditions.

Construction, mining industry

Dump trucks



KAMAZ-65201 dump truck with an oval section body



KAMAZ-6520 dump truck with a rectangular section body



KAMAZ-65222 dump truck with a rectangular section body



KAMAZ-43255 dump truck with an oval section body



New generation KAMAZ-6580 dump truck with an oval section body



New generation KAMAZ-65801 dump truck with an oval section body

- Engine power from 185 up to 440 hp
- 5-, 6-, 9-, 10-, 16-speed gearbox
- Dumping direction: rear, side, three-way
- Platform type: bucket, rectangular, oval
- Standard design for usage in construction. Steel platforms are made, by special order, with features similar to Hardox, to be used in mining industry (for hard rock)
- Heated dump platform types

Technical specifications for dump trucks

Base model	Wheel arrangement	Gross vehicle weight ¹ , kg	Payload ¹ , kg	Dumping direction and platform volume,	Availability of the dump truck made by KAMAZ
43255 p.31	4x2	14800	7500-7750	R: 6	●
53605 p.32	4x2	20500	11700	R: 6.5	●
43265 p.34	4x4	15700	9525...8850	R: 6	●
65115 p.37	6x4	25200	15000	R: 8.5/10/11 T: 10	●
6520 ² p.38	6x4	33100	20000	R: 12/16/20 T: 10	●
43118 p.40	6x6.1	20750	9500	R: 6.6	●
65222 p.42	6x6.1	34000	19500	R: 12/16	●
65111 p.43	6x6	25200	14000	R: 8.2	●
6522 p.44	6x6	33100	19000	R: 12/16	●
6540 p.45	8x4	31000	18500	R: 11	●
65201 ² p.46	8x4	41000	25500	R: 16/20	●
6580 ² p.52	6x4	35000 (41000 ³)	22500 (27000 ³)	R: 16 (20 ³)	●
65802 ² p.53	6x6	33500 (41000 ³)	18500 (26000 ³)	R: 12/16	●
65801 ² p.54	8x4	44000 (50000 ³)	29000 (33000 ³)	R: 20 (25 ³)	●

Dumping direction: R - rear, T - three-way

¹ technically permissible weights

² used in mining

³ for vehicles equipped with driving axles for the 16 tn load

Concrete mixers, concrete pump trucks



Concrete mixer 58149
mounted on KAMAZ-6520 chassis



Concrete pump truck 58153
mounted on KAMAZ-6540 chassis



Concrete mixer 58146Z
mounted on KAMAZ-43118 chassis



Concrete pump truck 58154
mounted on KAMAZ-65201 chassis

Technical specifications

Chassis				Concrete mixer			Concrete pump truck		
Base model	Wheel arrangement	Gross vehicle weight, kg		Mixer drum effective volume, m ³	Mixer drum drive	KAMAZ products	Delivery height, m	Performance, m ³ / hour	KAMAZ products
53605 p.32	4x2	20500		5	PTO ¹	●			
65115 p.37	6x4	22200		5	PTO ¹	●	21/32	90 / 111	●
65115 p.37	6x4	25200		6 / 7	PTO ¹ / Self-contained engine	●	21/32	90 / 111	●
43118 p.40	6x6.1	21600		6	PTO ¹ / Self-contained engine	●			
65111 p.43	6x6	25200		6	PTO ¹	●	32	111	●
6540 p.45	8x4	29000		7	PTO ¹	●	37	125	●
6540 p.45	8x4	31000		8/9	Self-contained engine	●	37	125	●
6520 p.38	6x4	33100		8/9	PTO ¹ / Self-contained engine	●			
65201 p.46	8x4	41000		10 / 12	PTO ¹ / Self-contained engine	●	42/47	140	●

¹ PTO - power take-off

Application range

[illegible]

Municipal operations



Combined street cleaner
mounted on KAMAZ-65115 chassis



Combined street cleaner
mounted on KAMAZ-53605 chassis



Vacuum road sweeper
mounted on KAMAZ-53605 chassis



Vacuum truck
mounted on KAMAZ-65115 chassis
















Skip truck
mounted on KAMAZ-43253 chassis



Side-loading garbage truck
mounted on KAMAZ-65115 chassis

Application range

Layout view	Vehicle type	Key specifications	Range, measurement unit	Chassis and tractor unit base models																			
				Chassis																		Tract.ur	
				p.28	p.30	p.31	p.32	p.49	p.33	p.34	-	p.36	p.37	p.38	p.39	p.40	p.41	p.43	p.44	p.45	p.46		
				4308	43253	43255	53605	5325	43502/4326	43265	54601 ¹	65117	65115	6520	5350/43114	43118	65224	65111	6522	6540	65201		65225
	Vacuum suction vehicle	Tank capacity	5-14 cu.m	●	●		●					●		●	●	●							
	Vacuum truck	Tank capacity	3.25-15 cu.m		●		●					●	●		●		●						
		Tanks capacity	1.5-2 cu.m																	●			
	Sewer flusher	Tank capacity	7.5-10.5 cu.m	●	●							●											
	Combined street cleaner	Tank capacity	7-14 cu.m		●	●	●					●	●			●	●						
		Body capacity	5-10 cu.m																				
	Combined truck (suction vehicle, vacuum truck and sewer flusher)	Tank capacity	5-8 cu.m									●				●		●					
	Wall and duct washing vehicle	Washing height	5 m		●																		
		Wiper length	1800 mm																				
	Multilift unit (vehicle with interchangeable superstructures)	Bunker capacity	20-38 cu.m		●							●	●		●	●							
		Chassis payload	5000-27600 kg																●				
	Side-loading or rear-loading garbage truck	Bunker capacity	9-27 cu.m	●	●	●	●	●		●			●	●		●		●					
	Skip truck	Weight of solid domestic wastes	5000-10000 kg		●	●	●			●		●											
		Bunker capacity	8 cu.m.																				
	Street sweeper	Bunker capacity	6-9 cu.m		●		●																
	Snowmelter	Performance	40-100 cu.m/hour				●					●											
	Rotary snow plow	Performance	2500-3000 tn/h																				
		Snow-kick distance	50 m							●					●								
	Snowblower	Performance	1500-2000 tn/h																				
		Snow-kick distance	30 m												●								

¹ 54601 (K2236) model is not present in the catalogue. Basic parameters: 4x4 chassis, KAMAZ 360 hp engine, Euro-3, EC-4, curb weight / gross vehicle weight / combination vehicle 8100/ 22000/ 30800 kg

Petrochemical, oil & gas industry



Cementing truck
mounted on KAMAZ-43118 chassis



Oil well dewaxing unit
mounted on KAMAZ-43118 chassis

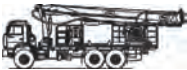




















Oil and gas condensate collector
mounted on KAMAZ-43118 chassis



Truck mounted drill rig
mounted on KAMAZ-65111 chassis

Application range

Layout view	Vehicle type	Key parameters	Range, measuring units	4x2	4x4.1	6x4	6x6.1		6x6		8x4	8x8.	
				Chassis base models									
				p.28	p.33	p.37	p.39	p.40	p.41	p.43	p.44	p.45	p.47
				4308	43502/ 4326	65115	5350/ 43114	43118	65224	65111	6522	6540	63501
	Oil extraction truck	Tank volume	4-5.5 cu.m										
		Propulsive thrust on the main winch	3000-7000 kg					●				●	
	Well acidizing truck	Tank volume	6-7 cu.m										
		Maximum height	11.5-18 l/sec					●					
	Oil and gas well development and surveying truck	Well service depth	Up to 6000 m				●	●	●	●	●	●	
	Dewaxing unit	Performance	12 cu.m										
		Oil heating temperature	150°C					●					
	Oil field equipment repair truck	Adequate to the tasks: welding, torch cutting, mechanical processing					●	●					
	Oil and gas condensate collection truck	Volume	7-18 cu.m				●	●	●	●	●	●	

Layout view	Vehicle type	Key specifications	Range, measurement unit	4x2	4x4.1	6x4	6x6.1		6x6		8x4	8x8.1	
				Chassis base models									
				p.28	p.33	p.37	p.39	p.40	p.41	p.43	p.44	p.45	p.47
				4308	43502/ 4326	65115	5350/ 43114	43118	65224	65111	6522	6540	63501
	Equipment transport truck	Payload	up to 10000 kg				●	●					
	Pump truck	Maximal height	150-550 cu.m /h					●					
		Discharge	50-860 m										
	Cementing pump truck	Discharge pressure	18.5-40 MPa						●				
		Gauge tank capacity	5-6 cu.m										
	Oil-and-gas well repair trucks and equipment	Depending on the package				●	●	●		●	●	●	
	Truck mounted drill rig	Drilling depth	30-300 m							●			
		Drilling diameter	360-1200 mm	●	●	●	●	●		●			
	Gas separating station	Gas concentration at the outlet	0.95-0.97									●	
	Mixing-charging truck	Hydraulic pump capacity	45 l per sec										
		Explosive components weight	19.3 tn										
	Mobile compressor station	Output pressure	10-20 MPa					●	●	●		●	
	Mobile engine heater	Number of burners	1-2				●						
	Seismic vibrating unit	Support plate area	2.3 -2.7 sq.m									●	
		Reaction mass	2600-3500 kg										
	Measuring unit (incl. the flow rate measurement)	Crude oil and gas mixture composition							●			●	
	Mixing unit	Volume	9 cu.m					●		●		●	
		Maximum capacity of the mixing-loading unit	250 kg/min										
	Cone penetration test unit (CPT)	Probe length	100 m					●					

Crew buses

Passenger vehicles



42111-S4 crew bus made of sandwich panels mounted on KAMAZ-43502 chassis



4208 crew bus mounted on KAMAZ-5350 chassis

Special buses



Patrol wagon mounted on KAMAZ-4308 chassis

Interior



Bus interior: tray table



Bus interior: one of interior designs



Bus interior: air hatches may be used for evacuation

Cargo-passenger vehicles



42111-S4 crew bus made of sandwich panels mounted on KAMAZ-43502 chassis



4208 crew bus mounted on KAMAZ-5350 chassis



Patrol wagon mounted on KAMAZ-4308 chassis

Model range

Base model	Base chassis	Fuel	Wheel arrangement	Chassis carrying capacity, kg	Wheel base, mm	Passenger capacity	Note
Passenger crew buses							
42111-24	43502	p.33 Diesel	4x4.1	6025...5375	4180	20+2	Insulated van
4208-24	5350	p.39 Diesel	6x6.1	9135...8475	3340+1320	20/22+2	Insulated van
4208-41 (gas)	43114	p.39 Gas (CNG)	6x6.1	7225...7625	4100+1320	20+2	Insulated van
4208-34	5350	p.39 Diesel	6x6.1	9135...8475	4100+1320	14/20/22/24/28+2	Insulated van
Cargo-passenger crew buses							
42111-45	43502	p.33 Diesel	4x4.1	6025...5375	4180	6+2	Platform + quarters or passenger module
4208-42	5350	p.39 Diesel	6x6.1	9135...8475	3340+1320	6+2	Platform + quarters or passenger module
42111-17	43502	p.33 Diesel	4x4.1	6025...5375	4180	4+1	Platform + extra cab
4208-22	5350	p.39 Diesel	6x6.1	9135...8475	3340+1320	4+1	Platform + extra cab

KAMAZ partners also manufacture crew buses of various types mounted on KAMAZ-43502; -5350; -43114 and -43118 chassis

Fire-fighting



Fire engine ladder truck mounted on KAMAZ-65201 chassis



Fire tanker truck mounted on KAMAZ-43253 chassis









Airport rescue and firefighting vehicle mounted on KAMAZ-6560 chassis



• Fire tanker truck mounted on KAMAZ-43502 chassis

• KAMAZ product




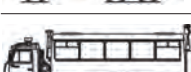






Application range

Layout view	Vehicle type	Key specifications	Range, measuring units (autonomous vehicle as part of a combination vehicle)	4x2		4x4.1		4x4		6x4		6x6.1		6x6		8x4		8x8.1		6x6			
				Chassis and tractor unit base models																			
				Chassis																		Tract.ur	
				p.28	p.30	p.31	p.32	p.33	-	p.34	p.37	p.38	p.39	p.40	p.41	p.42	p.43	p.44	p.45	p.46	p.47	p.48	p.61
4308	43253	43255	53605	43502/4326	5387 ¹	43265	65115	6520	5350/43114	43118	65224	65222	65111	6522	6540	65201	63501	6560	65225				
	Ladder truck	Height	30-60 m		●		●	●	●								●						
	Emergency / rescue vehicle	Standard package: loader crane, searchlights, telescoping mast, passenger compartment					●	●		●	●												
	Airfield crash truck	Water tank capacity	5000-13000 l								●	●	●					●	●				
	Gas-water extinction truck	Gas-water mixture production rate	150 kg/sec							●													
		Fuel tank capacity	2500 l																				
	Combined extinction truck	Water tank capacity	3-6 cu.m					●	●					●									
		Weight of transported chemical powder	1000 kg																				
	Pump-hose vehicle	Water tank capacity	2000-6000 l		●				●	●	●				●								
		Foam-forming tank	600-1000 l																				

¹The 5387 model is not included in the catalogue. Basic specifications: chassis 4x4, 340 hp Euro-4 Cummins engine, curb/ gross vehicle weight 6900 / 15400 kg

Information on the KAMAZ fire tanker:

Hiromax NP water spray suppression system releases 600 l/min of water fog. Fire suppression performance is higher than usual by 4-6 times. Standalone suppression is at least 30 minutes of autonomous suppression without any connection to an external water source, which is important in low water areas and with water supply problems. Water tank capacity: 3,000 l; foam tank capacity: 200 l.

Layout view	Vehicle type	Key specifications	Range, measuring unit (autonomous vehicle as part of a combination vehicle)	4x2		4x4.1	4x4	6x4	6x6.1		6x6	8x4	8x8.1	6x6							
				Chassis and tractor unit base models																	
				Chassis															Tract.unit		
				p.28	p.30	p.31	p.32	p.33	-	p.34	p.37	p.38	p.39	p.40	p.41	p.42	p.43	p.44	p.45	p.46	p.47
4308	43253	43255	53605	43502/ 4326	5387	43265	65115	6520	5350/ 43114	43118	65224	65222	65111	6522	6540	65201	63501	6560	65225		
	Foam truck	Foaming tank	5000-9000 l		●			●	●		●	●		●						●	●
	Dry powder truck	Weight of the transported fire-extinguishing agent	5000 kg							●				●					●		
	Hose truck	Length of discharge hoses	800-1200 m								●		●								
	Communication and lighting truck	Light pole height	8 m							●			●								
		Searchlight power	2x1500 W								●										
	Mobile aerial tower	Height	30-54 m							●	●			●			●	●			
	Fire tanker	Water tank	2500-11000 l																		
		Foam tank	180-540 l	●	●	●	●	●	●	●	●	●	●	●	●				●	●	
	Fire engine ladder truck	Tank capacity	2000-4000 l																		
		Operational height	17-32 m									●		●							
	Pump station	Max.flow	110 l/sec							●		●									
	Foam tower	Height	21-38 m											●		●					
	Catering vehicle	Load on elements	350-700 kg											●							
		Height	12 m																		

Logging

Beside conventionally used 6x4 chassis, 6x6 chassis are another alternative. They enable transporting, loading and unloading of various timber and other standard size loads reaching 6 meters in length. For convenient loading/unloading, vehicles may be fitted with hydraulic manipulators.



Stalk trailer truck
mounted on KAMAZ-65222 chassis



Logging truck
mounted on KAMAZ-43118 chassis



Short log truck with a hydraulic manipulator
mounted on KAMAZ-43118 chassis



Logging semi-trailer truck
mounted on KAMAZ-65224 tractor unit



Short log semi-trailer truck
mounted on KAMAZ-65221 tractor unit





Short log semi-trailer truck
mounted on KAMAZ-44108 tractor unit

KAMAZ chassis and tractor units for timber industry

Type	Base model	Wheel arrangement	Gross vehicle weight, kg	Road-train gross weight, kg	Wheelbase, mm	Availability of KAMAZ vehicles for timber industry
Chassis	65117 p.36	6x4	24000	38000	4910+1440 /4970+1320	
Chassis	65115 p.37	6x4	25200	40000	3190/3690/4470 + 1320	●
Chassis	6520 p.38	6x4	33100	53100	3600 / 4600 + 1440	
Chassis	5350 / 43114 p.39	6x6.1	17000	-	3340 / 4100 + 1320	
Chassis	43118 p.40	6x6.1	21600	34500	3690 /4100/ 4400/ 4600 + 1320	●
Chassis	65224 p.41	6x6.1	30500	60500	4115 + 1440	
Chassis	65111 p.43	6x6	25200	38200	3340 / 3690 / 4100 + 1320	●
Chassis	6522 p.44	6x6	33100	-	3600 + 1440	
Tractor unit	53504 / 44108 p.59	6x6.1	21600	38000	3690 + 1320	
Tractor unit	65221 p.60	6x6.1	28700	62700	3515 + 1440	
Tractor unit	65225 p.61	6x6	33500	75360	3600 / 4200 + 1440	
Tractor unit	65226 p.62	6x6	33300	98700	4115 + 1440	

Application range

Layout view	Vehicle type	Key specifications	Range, measuring units	6x4			6x6.1		6x6		6x4	6x6.1	6x6	
				Chassis and tractor unit base models										
				Chassis								Tractor units		
				p.36	p.37	p.38	p.39	p.40	p.41	p.43	p.44	p.57	p.60	p.62
				65117	65115	6520	5350/ 43114	43118	65224	65111	6522	65116	65221	65226
	Logging truck	Wheelbase (between axle 1 and axle 2)	3300-3700 mm											
		Payload	5000-40300 kg		●	●	●	●	●	●	●		●	●
	Short log truck	Wheelbase (between axle 1 and axle 2)	3100-4600 mm											
		Payload	11000-20000/30000-53000 kg	●	●	●		●		●	●	●	●	●

Agricultural sector

In order to transport cereal crops, KAMAZ trucks can be used individually or as part of a combination vehicle, equipped with dump or flat platform of increased capacity. For convenient unloading, cargo can be dumped from two sides or three sides.



Dump truck KAMAZ-45143
mounted on KAMAZ-65115 chassis



Dry fodder loader
mounted on KAMAZ-65115 chassis



Potato truck
mounted on KAMAZ-6520 chassis



Grain-carrier semi-trailer truck
mounted on KAMAZ-6520 chassis



Grain carrier
mounted on KAMAZ- 65207 chassis








Grain carrier semi-trailer truck
mounted on KAMAZ- 65115 chassis

KAMAZ chassis for agricultural sector

Base model	Wheel arrangement	Gross vehicle weight, kg	Wheelbase, mm	Vehicles and (semi-) trailer trucks made by KAMAZ	KAMAZ grain carrier platform volume, cu.m (vehicle / (semi-) trailer truck)	Dumping direction for tipper platform	3-rd parties grain carrier platform volume, cu.m
4308 p.28	4x2	11900	3500/ 4100/ 4700		–		D: 15
43253 p.30	4x2	15500	4200		–		D: 15
53605 p.32	4x2	20500	3950/ 4200 + 1440		–		T: 15
53215 p.35	6x4	33650	3190 / 3690	●	T: 7;8;10;15.4 / 34	side 2-way	T: 15.4
65117 p.36	6x4	24000	4970 + 1320	●	D: 31-37 / 67		D: 31
65115 p.35	6x4	25200	3190/ 3690/ 4470 + 1320	●	T: 15.4-17 / 34	side 2-way	T: 17 - 29
6520 p.38	6x4	33100	3600/ 4600 + 1440	●	T: 24,30,32 / 48,60,64	side 2-way	T: 31
43118 p.40	6x6.1	21600	3690/ 4100/ 4600 + 1320		–		D:18.5
65207 p.51	6x4	26000	5100 + 1440	●	D: 33-40.5		–

T – tipper platform; D – drop-sided platform

Application range

Layout view	Vehicle type	Key specifications	Range, measuring units (sole vehicle / part of a combination vehicle)	4x2	6x4			6x6.1	6x6	6x4			
				Chassis and tractor unit base models									
				Chassis								Tractor units	
				p.28	p.30	p.36	p.37	p.38	p.51	p.39	p.40	p.43	p.57
4308	43253	65117	65115	6520	65207	43114	43118	65111	65116	6460			
	Grain carrier	Sole vehicle payload	13600-14000 kg		●	●	●	●	●				
		Combination vehicle gross vehicle weight	38000-53000 kg										
	Bulk stock combination vehicle	Volume	24.4-48 cu.m								●		
		Payload	16000-32000 kg										
	Liquid foodstuff tanker (water carrier)	Volume	5.6-13 / 16-24 cu.m	●	●		●		●	●	●		
	Bulk fodder loader	Capacity	13-19 / 30 cu.m		●	●	●						
		Performance	15000 cu.m/hour										
	Potato truck	Volume	18.5 – 23.5 cu.m				●	●					

Lift vehicles



KAMAZ-43118 with a rope loader crane



KAMAZ-65117 with a loader crane



25 t mobile crane mounted on KAMAZ-65115 chassis



Scrap truck mounted on KAMAZ-65115 chassis





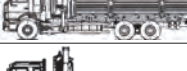










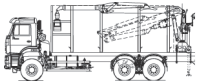






Multilift mounted on KAMAZ-6520 chassis



Autohydraulic hoist truck mounted on KAMAZ-43253 chassis

Vehicles with loader cranes

Layout view	KAMAZ base chassis	Wheel arrangement	Platform length, mm / body volume, cu.m.	Vehicle payload, kg	Crane payload at minimal operational outreach		Crane payload at maximal operational outreach	
					Outreach, mm	Payload, kg	Outreach, mm	Payload, kg
A	B	C	D	E	F	G	H	I
Vehicles with rope loader cranes								
	4308	p.28 4x2	5295	4000	2	3050	7.53	790
	65117	p.36 6x4	6648-6818	10000-11700	2.50	3030-7200	10.6-18.8	300-830
	65207	p.51 6x4						
	65208	p.50 6x2-2						
	43118	p.40 6x6.1	6112	7500-9200	2.50	3030-7200	10.6-19.6	300-830
Vehicles with pivot-hinged loader cranes								
	65117	p.36 6x4	6818	11500-11800	2.50	3140-6100	8	1660-2730
	65207	p.51						
	43118	p.40 6x6.1	6112	9200-9300	2.50	3140-6100	8	1660-2730
	65224	p.41	5000	17540	2.50	8500	7.9	3840
Dump trucks with a loader crane								
	43253	p.30 4x2	6.5	5000	3.50	1425	6.78	730
	65115	p.37 6x4	15.7	12750	2.50	6100	8.00	2730
	65117	p.36 6x4	16.1	10000	2.50	6100	8.00	2730

A	B	C	D	E	F	G	H	I	
Vehicles with a hook grab									
	65115	p.37	-	11000	Permissible length of the changeable body 5600-6200 mm Permissible length of the changeable body 4250-6500 mm				
	6520	p.38	6x4	-					17830-18275
Short log truck with a loader crane									
	6522	p.44	6x4	6500		3	2900	7.3	1015
Scrap truck									
	65115	p.37	6x4	29 cu.m	10700	3	3300	7.3	1360
Tow truck with loader crane									
	4308	p.28	4x2	4840	3100	2.5	5200	8.0	1520
Autohydraulic hoist truck									
	43502	p.33	4x4.1	-	-	-	-	22-32	200-300
	5350	p.39	6x6.1					22-32	300
Tractor unit with loader crane									
	53504 / 44108	p.59	6x6	-	10.2	2	6050	8.4	1320
	43118	p.40	6x6	-	9.30	2.50	5900	19	300
	65116	p.57	6x4	-	12.50	2.5	3140	8	1690

Mobile cranes



32 t mobile crane
mounted on KAMAZ-63501 chassis



25 t mobile crane
mounted on KAMAZ-43118 chassis

Layout view	Base model	Wheel arrangement	Max. gross vehicle weight, kg	Crane unit payload, kg	Maximum load moment, tn/m	Boom length, m
	43253 p.30	4x2	15500	16000	51.2	8.0 – 18.0
	53605 p.32	4x2	20500	16000 16000 25000	51.2 64 80	8.0 – 18.0 9.1-23 8.33-21
	65115 p.37	6x4	25200	25000 32000	80 – 85 102.4	9 – 32.7 10.75-26.7
	6520 p.38	6x4	33100	40000	130	9.3 – 27.3
	43118 p.40	6x6.1	21600 (22500)	16000 25000 32000	51.2-74 80 – 85 102	8.0 – 23.0 9 – 32.7 10.75-26.7
	65222 p.42	6x6.1	34000	40000	120-130	10.2 – 34
	65111 p.43	6x6	25200	25000	75 – 80	9.5 – 28.0
	6540 p.45	8x4	31000	32000 35000 40000	98 105 120	9.6 – 30.2 10.16 -30.3 10.6-34.0
	65201 p.46	8x4	41000	40000 50000	120 170	10.31 – 37 10.4-40
	63501 p.47	8x8.1	27200	32000 35000 40000	98 105 120	9.6 – 30.2 10.16-30.34 10.6-34
	6560 p.48	8x8.1	38000	50000	160 - 175	11.4 – 40

Technical aid, laboratories



Mobile laboratory
mounted on KAMAZ-43118 chassis



Mobile vehicle repair shop
mounted on KAMAZ-43118 chassis



Mobile welding unit
mounted on KAMAZ-43118 chassis



Wrecking truck
mounted on KAMAZ-6560 chassis



Perforation laboratory
mounted on KAMAZ-43114 chassis








Mobile workshop
mounted on KAMAZ-43118 chassis (NGV)

KAMAZ chassis for technical aid, laboratories

Base model	Wheel arrangement	Gross vehicle weight	Wheelbase, mm
4308 p.28	4x2	11900	3500 / 4100/ 4700
5308 p.29	4x2	15000	5600 / 5900
43253 p.30	4x2	15500	4200
43502 / 4326 p.33	4x4.1	12700	4180
65117 p.36	6x4	24000	4910+1440 or 3690/ 4970+1320
65115 p.37	6x4	25200	2840/ 3190/ 3690/ 4470 + 1320
5350 / 43114 p.39	6x6.1	17000	3340/ 4100 + 1320
43118 p.40	6x6.1	21600	3690/ 4100/ 4400/ 4600 +1320
65111 p.43	6x6	25200	3340/ 3690/ 4100 + 1320
6560 p.48	8x8.1	38000 - 42000	3640/ 4000 + 1440

Application range

Layout view	Vehicle type	Key specifications	Range, measuring units (sole vehicle / part of a combination vehicle)	4x2	4x4.1	6x4	6x6.1	6x6	8x8.			
				Chassis base models								
				p.28	p.33	p.36	p.37	p.39	p.40	p.41	p.43	p.48
				4308	43502/ 4326	65117	65115	5350/ 43114	43118	65224	65111	6560
	Mobile station	CTO			●	●	●	●	●			
	Mobile package	CTO					●	●				
	Special purpose laboratory	CTO		●			●	●	●			
	Emergency repair truck	CTO		●			●	●				
	Rescue vehicle	transporting weight by semi-loading and towing	at least 20,000 kg				●	●		●		
		load moment for loader crane, t-m	25									

Logistics

Motor vans and trailer trucks



Van mounted on KAMAZ-4308 chassis



Van mounted on KAMAZ-65117 chassis



Mobile medical station
mounted on KAMAZ-43502 chassis



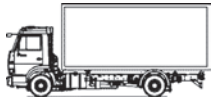
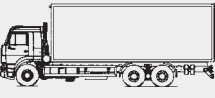
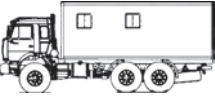
Van mounted on KAMAZ-5308 chassis



Van mounted on KAMAZ-53215 chassis



Hazardous cargo van
mounted on KAMAZ-43114 chassis






Type	Layout view	Wheel arrangement	Payload, kg	Platform volume, m ³	Base model
2-axle van		4x2	5500	30	4308 p.28
3-axle van		6x4	11000	25	53215 p.35
		6x2-2	16770	n/a	65208 p.50
3-axle offroad van		6x6.1	11000-12000	25-30	43118 p.40

• KAMAZ semi-trailer - insulated van



Combination vehicle: KAMAZ semi-trailer-insulated van towed by KAMAZ-5490 tractor unit

Application range

Layout view	Vehicle type	Key specifications	Range, measuring units (sole vehicle or part of a combination vehicle)	4x2				4x4.1	6x4		6x6.1	6x6			
				Chassis base models											
				p.28	p.29	p.30	p.32	p.33	p.36	p.37	p.38	p.39	p.40	p.43	
				4308	5308	43253	53605	43502/ 4326	65117	65115	6520	5350/ 43114	43118	65111	
	Valuable cargo van	Payload	4000-15000 kg	●	●	●	●			●	●				
	Van	Payload	4400-10200 kg		●	●	●		●				●	●	
	Explosive materials van	Payload	10000-14250 kg		●	●	●			●					●
	Hazardous cargo van	Payload	5500-9100 kg		●	●	●	●					●	●	
	Medical purpose van	CTO		●	●	●	●	●					●	●	

Semi-trailer - insulated van's technical specifications

Curb weight, kg	7750
Gross vehicle weight, kg	39000
Refrigerator weight, kg	650
Body capacity, cu.m.	82
Euro pallet number, units	33
Temperature requirements, °C	from -20 up to +12

• KAMAZ products

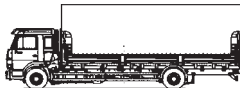


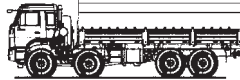
Drop-side trucks and (semi-) trailer trucks



2-axle drop-side vehicle



3-axle drop-side vehicle

Vehicle type	Layout view	Wheel arrangement	Payload, kg	Platform's internal length, m	Platform volume, without / with canvas	Chassis models		Combination vehicle maximum gross vehicle weight, kg
● 2-axle drop-side truck		4x2	5150-7500	5162 - 6112 7258 5162	9-11 / 34-40 13 / 48 9 / 23	4308 5308 43253 5325 43265	p.28 p.29 p.30 p.49 p.34	19900 28000 - - -
		4x4	8850-9525	5162-7000	tbd			
		4x4.1	4150-4450	4892	9 / 22	43502 / 4326	p.33	19700
● 3-axle drop-side truck		6x4	11500-14500	6112 7798 7428 7800 7800	11 / 36 14 / 47 13 / 31 14 / 47 14 / 47	53215 65117 6520 65208 65207	p.35 p.36 p.38 p.50 p.51	33650 38000 53100 44000 44000
		6x2-2						
		6x4						
● 3-axle offroad drop-side truck		6x6.1	7320-11220	4892 - 5432 5162	9 - 10 / 18-20 9 / 19	5350 / 43114 43118	p.39 p.40	33600
● 4-axle offroad drop-side truck		8x8.1	14000-20120	6648 7258	12 / 26 13 / 33	63501 6560	p.47 p.48	37750

● KAMAZ products

Drop-side (semi-) trailer trucks



KAMAZ-65207 grain carrier



Combination vehicle: KAMAZ-5490 tractor unit with a drop-side semi-trailer



Combination vehicle: KAMAZ-65116 tractor unit with drop-side semi-trailer

Trailer, semi-trailer type	Layout view	Trailer / semi-trailer			Combination vehicle		
		Wheels per semiaxle	Payload, kg	Body volume, m ³	Chassis and tractor units variants	Payload, kg	Cumulative volume, m ³
<ul style="list-style-type: none"> 2-axle drop-side trailer 		2	11300 - 16650	11-43	65117 (6x4) 65207 (6x4)	22600-31250 25800/311150	22; 25; 78.89 86.4/ 93.16
<ul style="list-style-type: none"> 2-axle drop-side trailer 		1	7400-14800	11-43	5308 (4x2) 65117 (6x4) 65207 (6x4) 43118 (6x6.1) 63501 (8x8.1)	13300 18730-22400 25225 19425 22525	14; 49.3-53 22-92 25.2-93.16 22.08; 65.7 22.98; 66.2
<ul style="list-style-type: none"> 3-axle drop-side trailer 		2	14700-16500	14.5-47.5	65117 (6x4) 43118 (6x6.1)	up to 40000	up to 100
<ul style="list-style-type: none"> 3-axle drop-side trailer 		1	14900-16650	14.5-47.5	65117 (6x4) 43118 (6x6.1)	up to 37600	up to 100
<ul style="list-style-type: none"> 2-axle drop-side semi-trailer 		2	16500-29000	18 – 78.0	5460 (4x2) 65116 (6x4) 65206 (6x4) 65209 (6x4) 6460 (6x4) 54115 (6x4)	21900 15600-20000 18600 18600 27900-28500 15600-20000	18-60 18-60 59 59 22-78 18-60
<ul style="list-style-type: none"> 2-axle drop-side semi-trailer 		1	17000 - 22500	19.2 – 50.0	53504/ 44108 (6x6.1)	17900-22500	18-50
<ul style="list-style-type: none"> 3-axle drop-side semi-trailer 		1	26190 - 33400	24.0 – 91.0	6460 (6x4) 5490 (4x2) 65806 (6x4)	21500-32000 25900 21500-32000	24-91 24-91 24-91

• KAMAZ products

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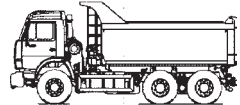

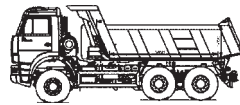
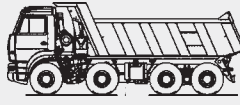
Dump trucks and (semi-) trailer trucks



KAMAZ-6580 construction dump truck



KAMAZ-65115 grain carrier

Vehicle type	Layout view	Wheel arrangement	Payload, kg	Dumping direction and platform volume	Chassis models	Maximum combination vehicle gross vehicle weight, kg
● 2-axle dump truck		4x2	7500	R: 6; 6.5	43255 p.31	
			11900	R: 6.5	53605 p.32	
● 2-axle dump truck		4x4	8850 / 9525	R: 6	43265 p.34	-
● 3-axle dump truck		6x4	12000	R: 8.5; 10; 11 D: 10 T: 10	65115 p.37	40000
			20000	R: 12; 16; 20 D: 24; 30; 32 T: 10.5	6520, p.38 6520 p.52 Luxe	53100
			26200	R: 16; 20	6580 p.52	
● 3-axle offroad dump truck		6x6.1	9500	R: 6.6	43118 p.40	
			19500	R: 16	65222 p.42	-
● 3-axle offroad dump truck		6x6	14000	R: 8.2	65111 p.43	38200
			19000 / 19500	R: 16	6522, p.44 6522 p.53 Luxe	53100 / -
			26000	R: 16	65802 p.53	-
● 4-axle dump truck		8x4	18500	R: 11	6540 p.45	
			25500	R: 16; 20	65201, p.46 65201 p.54 Luxe	
			33000	R: 25	65801 p.54	-

Dumping direction: R - rear, D - two-way side, T - three-way

● KAMAZ products

Dump (semi-) trailer trucks



Combination vehicle: KAMAZ-6520 dump truck + dump truck trailer



Combination vehicle: KAMAZ-5490 tractor unit + dump truck semi-trailer

Trailer, semi-trailer type	Layout view	Trailer			Combination vehicle		
		Wheels per semi-axle	Payload, kg	Dumping direction and volume, m³	Chassis, tractor units	Payload, kg	Cumulative cargo volume, m³
2-axle dump truck trailer		2	10700-16000	D: 8, 11, 15, 17,	65115 p.37	19985	30
				T: 10, 20	65111 p.43	22400	32, 34
					6520, p.38		
					6520 p.52	22400	34
3-axle dump truck trailer		2	15000 18000	D: 27	6580 p.52	33750	27, 31
				T: 28	6520, p.38		
					6520 p.52	34000	52-58
					6580 p.52	53200-44200	52-58
3-axle dump truck trailer		1	13500, 15000, 18000 18000 18000	D: 24, 27, 30, 38	6520, p.38		
				T: 28	6522, p.44		
					6520 p.52	33500-38000	
				R: 16	Luxe, p.53		26-68
2-axle dump truck semi-trailer		2	20000 28000	D: 27	6580, p.52	39700-44200	
				R: 20	65802 p.53		
					5460, p.55	20000-28500	20-27
					6460 p.58		
2-axle dump truck semi-trailer		1	22400	R: 27	53504/44108 p.59	21000	27
					6460, p.58		
					65806 p.67	20000	28.4
3-axle dump truck semi-trailer		1	30800-34000	R: 30	5460, p.55		
					6460, p.58		
					5490, p.64	30000-33000	30-41
					65206/65209, p.65		
Dump truck combination vehicles with semi-trailers made by 3-rd parties				R: 35	65806 p.67		
					65225 p.61	30000	30

Dumping direction: R- rear, D - 2-ways side, T - three-ways

● KAMAZ products

Tank trucks and (semi-) trailer trucks



Fuel tank truck 6606
mounted on KAMAZ-65115
chassis



Refuelling truck 66062
mounted on KAMAZ-43118
chassis

Tankers

Layout view	Base model	Wheel arrangement	Gross vehicle weight, kg	Vehicles and a combination vehicle made by KAMAZ			Superstructures produced by 3-rd parties	
				Medium type ¹	Volume, cu.m	Compartments	Volume, cu.m	Compartments
	43253 p.30	4x2	14600	F	8	1-2	7.1-7.5	1-2
	53215 p.35	6x4	19660	W/ F	8.7/10.45 8.7/10.45; 11.2; 16;17	1/ 1-3	8.3-11 8.3-17	2-3
	6520 p.38	6x4	33100	-	-	-	15	2
	5350 / 43114 p.39	6x6.1	17000	W/ F	5.6/7.3	1-2/1-2	5.6	2
	43118 p.40	6x6.1	21600	W/ F/ V	8.7;9.7/ 11.2/ 10	1-2/ 1-2/ 1	11.2	1-2
	65224 p.41	6x6.1	30500	-	-	-	18	1-2
	65111 p.43	6x6	25200	O/ F	12.2/ 15.1	1/ 1-2	9.8-13	2
	6522 p.44	6x6	33100	-	-	-	20-22	2






¹ Note: F - fuel, light oil, W- potable water, O – oil, bitumen, V- vacuum oil-field tank

Refuelling trucks

Layout view	Base model	Wheel arrangement	Gross vehicle weight, kg	Vehicles and a combination vehicle made by KAMAZ			Superstructures produced by 3-rd parties	
				Medium type ¹	Volume, cu.m	Compartments	Volume, cu.m	Compartments
	65115 p.36	6x4	25200	F	10.45; 16	1-2 / 2-3	11	1-2
	6520 p.38	6x4	33100	F	20-22	1-2	20	2
	5350 / 43114 p.39	6x6.1	17000	F	7.3	1-2	7,5	1-2
	43118 p.40	6x6.1	21600	F	11.2	1-2	11	1-2
	65224 p.41	6x6.1	30500	-	-	-	18	2
	65111 p.43	6x6	25200	F	15.1	2	16	2
	6522 p.44	6x6	33100	-	-	-	20	2

Tank (semi-) trailer trucks



Trailer, semi-trailer type, layout view	● Trailer, semi-trailer				● Combination vehicle	
	Wheels per semi- axle	Tank material	Medi- um type ¹	Volume, m ³	Base model	Cumulative cargo volume, m ³
● 2-axle tank trailer						
	2	Steel	F	11.2	65115 p.37	21.65
					65115 p.37	22.4
● 2-axle tank trailer						
	1	Steel, stain- less steel	F/W	8 – 9.5	43118 p.40	20.7
● 2-axle tank semi-trailer						
	2	Steel	F/O	16.6 – 33.5	65116 p.57	16.6; 18.5; 23.1
					6460 p.58	20, 26
						22, 30, 33.5
● 2-axle tank-semi-trailer						
	1	Steel	F/O	16.6 - 20	53504/ 44108 p.59	16.6; 18; 20;
● 3-axle tank semi-trailer						
	1	Steel, alumi- num	F/O	24.5 - 40	5490 p.64	28; 30
					6460 p.58	24.5; 28; 33.5; 40

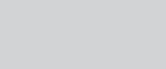











There are specifications for KAMAZ tanks in the table

● KAMAZ products

¹ Note: F - fuel, light oil, O - oil, bitumen, W – potable water

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Application range

Layout view	Vehicle type	Key specifications	Range, measuring units (sole vehicle / part of a combination vehicle)	4x2	4x4.1	6x4	6x6.1	6x6	4x2	6x4	6x6.1	6x6									
				Chassis and tractor unit base models																	
				Chassis								Tractor units									
				p.28	p.30	p.33	p.37	p.38	p.39	p.40	p.41	p.43	p.44	p.55	p.57	p.58	p.65	p.66	p.67	p.59	p.61
	Tank truck for light petroleum products (petrol tank truck)	Volume	6.5-20 / 16.6-40 cu.m	4308	43253	43502/4326	65115	6520	5350/43114	43118	65224	65111	6522	5460	65116	6460	65209	65206	65806	53504/44108	65225
	Process liquid tank truck	Volume	6.6-12 / 15 cu.m																		
	Oil tank	Volume	18-18.5 cu.m																		
	Bulk cement truck	Volume	8.8-15 / 17.8 -35 cu.m																		
	Bitumen carrier, fuel oil truck	Volume	10-15 / 20-38 cu.m																		
	Animal feed truck	Volume	10 / 13.6 – 55 cu.m																		
	Flour truck	Volume	10 / 13.6 – 55 cu.m																		
	Grain tanker	Volume	10 / 13.6 – 55 cu.m																		
	Refuelling truck	Volume	6.5-22 cu.m																		
	Oil and fuel refilling truck	Volume	4.7-18 cu.m																		
	Gas tank truck	Compressed gas volume	2.5 / 3-5 cu.m																		
		Operating pressure	250 kgf/sq.sm																		
	LNG tank truck	Volume	6-22 / 7.5-57 cu.m																		

Lowboy trucks and (semi-) trailer trucks




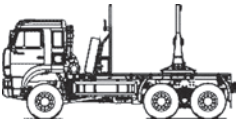
Combination vehicle: tractor unit KAMAZ-65226 with heavy-duty semi-trailer






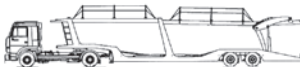


Combination vehicle: tractor unit KAMAZ-65225 with heavy-duty semi-trailer



Container truck mounted on KAMAZ-6560 chassis

Layout view	Trailer, semi-trailer			Combination vehicle	
	Wheels per semiaxle	Type	Payload, kg	Base models	Cumulative payload, kg
	1	Container truck	up to 33000	6460 p.58 65116 p.57 65206 p.66 65209 p.65 65806 p.67	up to 33000
	2	Heavy-duty hauler	up to 60000	65225 p.61 65226 p.62 65228 p.63	up to 60000

Lowboy trucks and (semi-) trailer trucks

Application range																															
Layout view	Vehicle type	Key specifications	Range, measuring units (sole vehicle / part of a combination vehicle)	4x2	6x4		6x6.1			6x6		8x8.1		4x2		6x4			6x6.1		6x6		8x8								
				Chassis and tractor unit base models																											
				Chassis														Tractor units													
				p.28	p.29	p.36	p.37	p.38	p.39	p.40	p.41	p.42	p.43	p.44	p.47	p.48	p.55	p.64	p.57	p.65	p.66	p.58	p.67	p.59	p.60	p.61	p.62	p.63			
4308	5308	65117	65115	6520	5350/ 43114	43118	65224	65222	65111	6522	63501	6560	5460	5490	65116	65209	65206	6460	65806	53504/ 44108	65221	65225	65226	65228							
	Container carrier vehicle/combination vehicle	Payload	11000-22000 kg																												
	Container carrier vehicle/combination vehicle with loader crane	Payload	9500-11000 kg																												
	Short log truck	Wheelbase (wheels 1-2)	3100-4600 mm																												
		Payload	11000-20000 / 30000-53000 kg																												
	Car hauler combination vehicle	Payload	10000-23000 kg																												
	Heavy-duty cargo combination vehicle	Payload	Up to 60000 kg																												
	Combination vehicle for long cargo (incl. pipe trucks)	Payload	11000-60000 kg																												





Passenger transport

Today, NEFAZ PTC manufactures a wide line-up of NEFAZ and BRAVIS buses mounted on KAMAZ chassis: city low-floor and semi-low-floor buses with gas and diesel engines as well as suburban, intercity and school buses.

In 2015 KAMAZ presented the first compact and large size electric buses – pollution-free and noiseless transport of the future.

Bus chassis



KAMAZ-3297 chassis



KAMAZ-5297 chassis

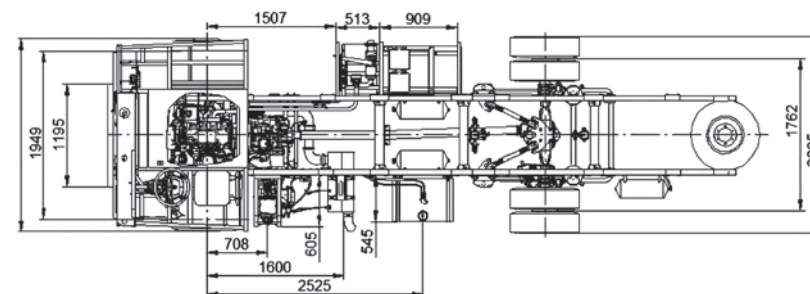
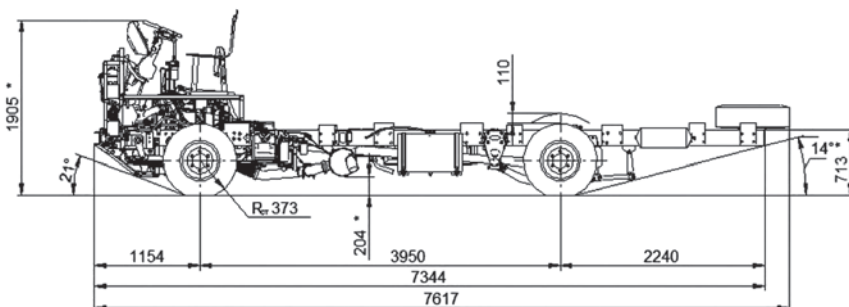
Model range					
Specifications		Chassis			
		KAMAZ-3297	KAMAZ-4308	KAMAZ-5297	KAMAZ-52974
Length, mm		7344	8650	11965 ¹ / 11710 ²	11970
Engine	Gas	• ³		•	•
	Diesel	•	•	•	•
Emission standard	Euro-3		•	•	
	Euro-4	•		•	•
	Euro-5	•	•	•	•
Gearbox	Manual	•		•	
	Automatic		•	•	•
Bus application	City	•	•	•	•
	Suburban	•	•	•	
	Intercity		•	•	
Bus floor level	Middle-floor	•	•	•	
	Semil-low-floor			•	
	Low-floor				•

¹ semi-low-floor

² middle-floor

³ limited edition

KAMAZ-3297 4x2 chassis for middle-floor small size buses



Power unit				
Engine		Make	Engine power, hp / Component model	
			185	198
Diesel	Euro-4	Cummins	4ISBe4 185B	
Gas	Euro-5	Yuchai		YC4G190N-50 ²
Clutch		ZF Sachs	MF-362	
Gearbox		ZF	6S700TO	6S700TO

Technical specifications		
Weights and loads / Engine type	Diesel	Gas (CNG)
Chassis curb weight, kg	3700	4455
- front axle, kg	2075	2450
- rear axle, kg	1625	2005
Bus gross vehicle weight, kg	9500	9930
- front axle, kg	3600	3930
- rear axle, kg	5900	6000
Final drive		
Type	Hypoid	
Gear ratio	4.3	
Driving axle		
Make, model	MB HL2/6.2	
Front axle		
Make, model	MB VL2/4.1	
Type	I-bar	
Feed system		
Fuel tank capacity, l	125	393 (4x98.25)
Wheels and tyres		
Wheel type and size	6.75 x 17.5 disc, steel	
Tyre type and size	235/75 R17.5 radial, tubeless	

Application			
Passenger transport			
<ul style="list-style-type: none"> School bus, passenger capacity¹ up to 21/21/0 pers. 	<ul style="list-style-type: none"> City bus, passenger capacity¹ up to 50/20/0 pers. 	<ul style="list-style-type: none"> Suburban bus passenger capacity¹ up to 42/26/0 pers. 	<ul style="list-style-type: none"> Intercity / tourist bus passenger capacity¹ up to 21/21/0 pers.

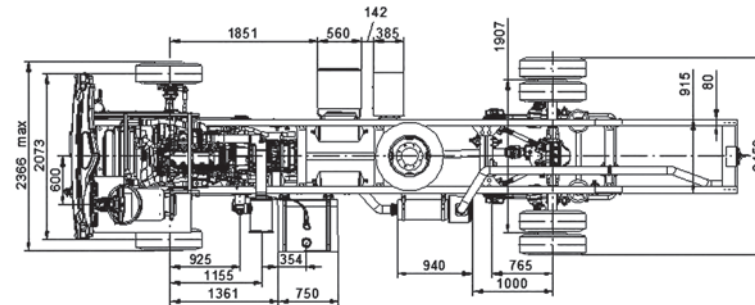
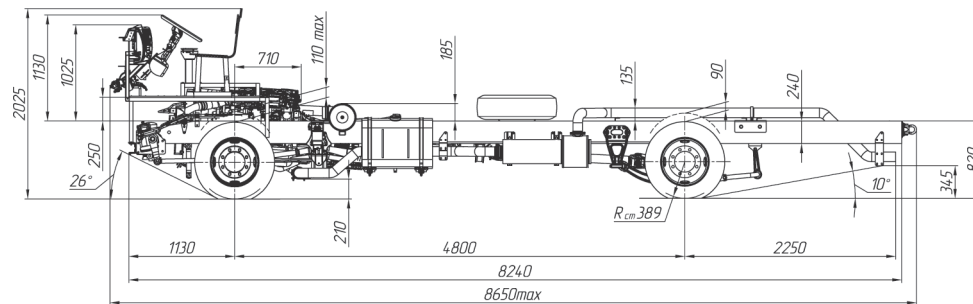
¹ total passenger capacity (permissible) / seats / seat assigned to disabled persons

² gas version availability is limited

- KAMAZ products

Technical specifications	
Fully-loaded bus characteristics	
Max. speed, km/h	not less than 90
Gradeability, % (degrees)	18% (10°)
Front suspension	Rear suspension
Dependent, two small leaf springs with two telescopic shock absorbers and a stabiliser bar	Dependent, air on two air springs with two telescopic shock absorbers and a stabiliser bar
Primary brake system	Parking brake system
Double circuit, air, ABS, ASR. Disc brake gears on all wheels, with automatic gap control (AGC)	Axle brake gears with a spring brakes drive
Emergency brake system	Auxiliary brake system
The primary brake system implementing the functions of an emergency brake system	Engine retarder with a damper plate in a exhaust system

KAMAZ-4308 4x2 chassis for middle-floor medium size buses



Power unit

Engine		Make	Engine power, hp / Component model	
			185	210
Diesel	Euro-3	Cummins		6ISBe 210B
	Euro-5	Cummins	ISB4.5E5 185B	ISB6.7E5 210B
Gearbox		Allison	T270R	

Application

City bus passenger capacity ¹ up to 50/33/0 pers.		Suburban bus passenger capacity ¹ up to 50/33/0 pers.		Passenger transport	
				Intercity / tourist bus passenger capacity ¹ up to 50/33/0 pers.	

¹ total passenger capacity (permissible) / seats / seat assigned to disabled persons

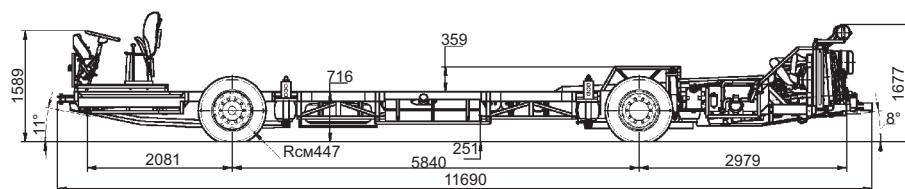
Technical specifications

Weights and loads / engine type		Diesel
Chassis curb weight, kg		4500
- front axle, kg		2500
- rear axle, kg		2000
Bus gross vehicle weight, kg		11900
- front axle, kg		4300
- rear axle, kg		7600
Final drive		
Type		Hypoid
Gear ratio		4.78
Driving axle		
Make, model		KAMAZ-4308
Front axle		
Type, make		I-bar, KAMAZ
Feed system		
Fuel tank capacity, l		200
Wheels and tyres		
Wheel type and size		6.75x19.5 disc, steel
Tyre type and size		245/70 R19.5 radial, tubeless

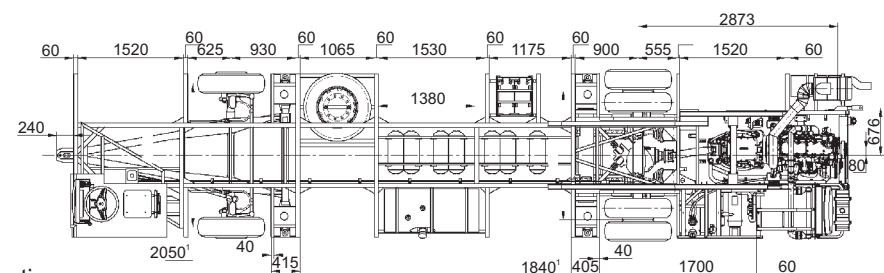
Technical specifications

Fully-loaded bus characteristics	
Max. speed, km/h	110
Gradeability, % (degrees)	18% (10°)
Front suspension	Rear suspension
Dependent, small leaf springs with two telescopic shock absorbers and a stabiliser bar	Dependent, air on two air springs with two telescopic shock absorbers, two body position regulators and a stabiliser bar
Primary brake system	Parking brake system
Double circuit, air, ABS, ASR. Disc brake gears on all wheels, with automatic gap control (AGC)	Axle brake gears with a spring brakes drive
Emergency brake system	Auxiliary brake system
The primary brake system implementing the functions of an emergency brake system	Retarder built into the automatic transmission gearbox. Engine retarder with a damper plate in the exhaust system of some modifications

KAMAZ-5297 4x2 chassis for middle-floor large size buses



Dimensions for city modifications



Power unit						
Engine		Make	Engine power, hp / Component model			
			240	260	270	280
Diesel	Euro-3	KAMAZ	740.65-240			740.62-280
		Cummins			6ISBe 270B	
	Euro-4	Cummins			ISB6.7e4 270B	
Gas	Euro-4	KAMAZ		820.61-260		
	Euro-5	Yuchai		YC6G260N-50 ³		
Clutch		ZF Sachs			MFZ-430 ²	
Gearbox		ZF			6AP1200B	
		Voith		D854.5E		

Technical specifications					
Weights and loads / Engine type		Diesel		Gas (CNG)	
Chassis curb weight, kg		5840		5700	
- front axle, kg		1530		1420	
- rear axle, kg		4310		4280	
Bus gross vehicle weight, kg		17800...18000		18800	
- front axle, kg		6400...6420		6800	
- rear axle, kg		11500...11580		12000	
Final drive					
Gear ratio		4.3		5.117 5.117 or 6.194	
Type		Hypoid		Hub gear reduction	
Driving axle					
Make, model		Raba A-209		Raba A-718	
Front axle					
Type, make		I-bar, KAMAZ or ZF RL85A (for intercity bus)			
Feed system					
Fuel tank capacity, l		250 (suburban bus) / 290 (intercity bus)		984 (8 x 123)	

Application				
Passenger transport				
Trolleybus, passenger capacity ¹ up to 106/25/0 pers.	● City bus, passenger capacity ¹ up to 112/23/0 pers.	● Suburban bus, passenger capacity ¹ up to 96/45/0 pers.	● Intercity / tourist bus passenger capacity ¹ up to 73/49/0 or 69/46/0 pers.	● School bus passenger capacity up to 42/42/0 or 36/36/0 pers.

¹ total passenger capacity (permissible) / seats / seat assigned to disabled persons

² only with ZF 6S1310BO gearbox

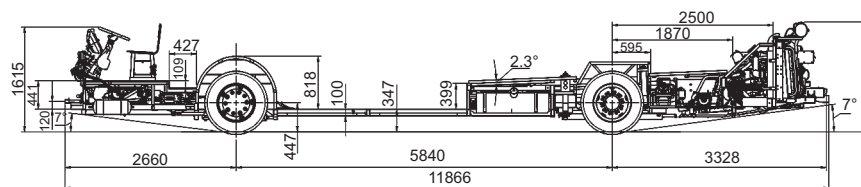
³ the version availability is limited

● KAMAZ products, bus modifications can be found in the catalogue section

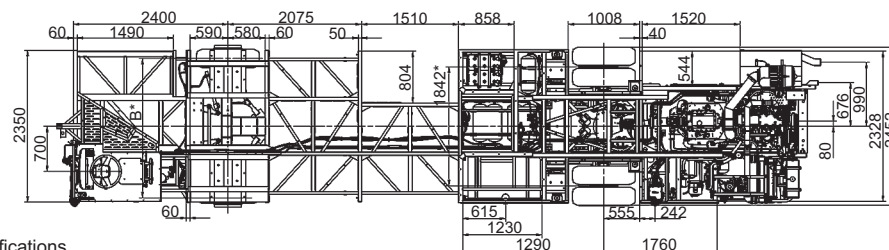
Technical specifications	
Wheels and tyres	
Wheel type and size	22.5x8.25 disc, steel
Tyre type and size	275/70 R22.5 radial, tubeless
Fully-loaded bus characteristics	
Max. speed, not less than, km/h	Suburban / intercity bus: 100 city bus: 70
Gradeability, % (degrees)	10% (18°)
Front suspension	Rear suspension
Dependent, air with two hydraulic shock absorbers and body position regulator	Dependent, air with four hydraulic shock absorbers and two body position regulators
Primary brake system	Parking brake system
Double circuit, air, ABS, ASR. Drum brakes on all wheels	Axle brake gears with a spring brakes drive
Emergency brake system	Auxiliary brake system
The primary brake system implementing the functions of an emergency brake system	Retarder built into the automatic transmission gearbox. Engine retarder with a damper plate of the exhaust system of some modifications.

The chassis is also used as a base for trolleybuses

KAMAZ-5297 4x2 chassis for semi-low-floor large size buses



Dimensions for diesel modifications



Power unit							
Engine		Make	Engine power, hp / Component model				
			240	250	260	270	280
Diesel	Euro-3	KAMAZ	740.65-240				740.62-280 ⁴
		Cummins				6ISBe270B	
	Euro-4	Cummins				ISB6.7e4270B	
	Euro-5	Cummins		ISB6.7E5250B			
Gas	Euro-4	KAMAZ			820.61		
	Euro-5	Daimler					M906LAG. EEV/1
		Yuchai			YC6G260N-50 ³		
Clutch		ZF Sachs	-			MFZ 430 ²	-
Gearbox		ZF	6AP1000B			6S1310BO	6AP1000B
		Voith	D854.5E				

Technical specifications		
Weights and loads / engine type	Diesel	Gas (CNG) ³
Chassis curb weight, kg	5950	5700
- front axle, kg	1800	1420
- rear axle, kg	4150	4280
Bus gross vehicle weight, kg	18000	18800
- front axle, kg	6500	6800
- rear axle, kg	11500	12000
Final drive		
Type	Hypoid/ Hub gear	Hub gear reduction
Gear ratio	4.3 / 5.117; 6.194	5.117 or 6.194
Driving axle		
Make, model	Raba A-209 / A-718	Raba A-718
Front axle		
Make, model	ZF RL85A	
Type	portal	
Feed system		
Fuel tank capacity, l	200 (city, suburban bus), 290 (intercity bus)	984 (8 x 123)

Application			
Passenger transport			
● Electrobus, passenger capacity up to 106/25/0 pers.	● City bus, passenger capacity ¹ up to 105(116)/24/1 pers.	● Suburban bus, passenger capacity ¹ up to 96/45/0 pers.	● Intercity / tourist bus, passenger capacity ¹ up to 45/45/0 pers.

¹ total passenger capacity (permissible) / seats / seat assigned to disabled persons

² only with 6S1310BO gearbox

³ the version availability is limited

⁴ only with 6AP1000B gearbox

● KAMAZ products, bus modifications can be found in the catalogue section

Technical specifications	
Wheels and tyres	
Wheel type and size	22.5x8.25 disc, steel
Tyre type and size	275/70 R22.5 radial, tubeless
Fully-loaded bus characteristics	
Max. speed, km/h, not less than	City bus 70, intercity bus 100
Gradeability, % (degrees)	18% (10°)
Front suspension	Rear suspension
Dependent, or independent air with two hydraulic shock absorbers and two body position regulators	Dependent, air with four hydraulic shock absorbers and two body position regulators
Engine electronic control unit ECAS with kneeling function (for modifications with Daimler engine)	
Primary brake system	Parking brake system
Double circuit, air, ABS, ASR. Disc brake gears on front wheels, with automatic gap control (AGC), drum brakes rear axles, with an S-shaped brake cam	Axle brake gears with a spring brakes drive
Emergency brake system	Auxiliary brake system
The primary brake system implementing the functions of an emergency brake system	Retarder built into the automatic transmission gearbox. Engine retarder with a damper plate in the exhaust system of some modifications

Technical drawing of the PZ 1000 tractor, showing side and front views with dimensions in mm.

Side View Dimensions:

- Overall length: 12013
- Wheelbase: 5840
- Front overhang: 2400
- Front wheel diameter: 815
- Front wheel offset: 100
- Front wheel hub offset: 100
- Front wheel offset from hub: 447
- Front wheel offset from ground: 109
- Front wheel offset from steering column: 884
- Front wheel offset from steering column (lower): 444
- Front wheel offset from steering column (lower): 1017
- Front wheel offset from steering column (lower): 272
- Front wheel offset from steering column (lower): 279
- Front wheel offset from steering column (lower): 6

Front View Dimensions:

- Overall width: 1190
- Wheel width: 256
- Wheel offset: 1017
- Wheel offset from center: 272
- Wheel offset from center (lower): 279
- Wheel offset from center (lower): 6

Application
<p>Passenger transport</p> <p>● City bus passenger capacity¹ up to 105(116)/24/1 per</p>

- KAMAZ products, bus modifications can be found in the catalogue section

Technical specifications	
Wheels and tyres	
Wheel type and size	22.5x8.25 disc, steel
Tyre type and size	275/70 R22.5 radial, tubeless
Fully-loaded bus characteristics	
Max. speed, km/h	city 70, intercity 90
Gradeability, % (degrees)	18% (10°)
Front suspension	Rear suspension
Independent, air with two hydraulic shock absorbers and two body position regulators	Dependent, air with four hydraulic shock absorbers and two body position regulators
Engine electronic control unit ECAS with the kneeling function	
Primary brake system	Parking brake system
Double circuit, air, ABS, ASR. Disc brake gears on all wheels, with automatic gap control (AGC)	Axle brake gears with a spring brakes drive
Emergency brake system	Auxiliary brake system
The primary brake system implementing the functions of an emergency brake system	Retarder built into the automatic transmission gearbox

Buses



City bus



Suburban bus



Intercity bus



City bus interior



Suburban bus interior



Intercity bus interior

12-meter bus model range (Euro-4/5)

Model	Floor level	Engine	Fuel	Emission standard	Gearbox	Passenger capacity options, seats (total (permissible) / seats / seats for disabled persons)
City buses						
5299-10-42	middle-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	ZF 6S1310BO	112(106)(99) / 23 or 25 or 30 / 0; 97 / 25 / 1
5299-20-42	middle-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B	112(106)(99) / 23 or 25 or 30 / 0; 97 / 25 / 1
5299-30-42	semi-low-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B	105 (90) (91) / 25 or 39 or 40 / 0 or 1
5299-30-52	semi-low-floor	Cummins ISB6,7e5 250B	Diesel	Euro-5	Voith D854.5E or ZF 6AP1200B	105 / 25 / 0 or 1
5299-40-42	low-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B	97 / 20 or 24 / 1
5299-40-52	low-floor	Cummins ISB6,7e5 250B	Diesel	Euro-5	Voith D854.5E or ZF 6AP1200B	105 / 20 or 24 / 0 or 1
5299-20-31	middle-floor	KAMAZ 820.61-260	Gas	Euro-4	Voith D854.5E or ZF 6AP1200B	110 / 25 / 0
5299-30-31	semi-low-floor	KAMAZ 820.61-260	Gas	Euro-4	Voith D854.5E or ZF 6AP1200B	105(116) (90) / 25 or 39 or 40 / 0 or 1
5299-30-51	semi-low-floor	Daimler M906 LAG.EEV/1	Gas	Euro-5	Voith D854.5E or ZF 6AP1200B	105(116) / 25 / 0 or 1
5299-30-55 ¹	semi-low-floor	Yuchai YC6G260N-50	Gas	Euro-5	Voith D854.5E or ZF 6AP1200B	105(116) / 25 / 0 or 1
5299-40-51	low-floor	Daimler M906 LAG.EEV/1	Gas	Euro-5	Voith D854.5E	105(116) / 20 or 24 / 0 or 1
Suburban buses						
5299-11-42	middle-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B or ZF 6S1310BO	96 or 89 / 45 / 0 36 / 36 / 0 (school bus) ¹ ; 42 / 42 / 0 (school bus) ¹
5299-11-31	middle-floor	KAMAZ 820.61-260	Gas	Euro-4	MKП ZF 6S1310BO or KAMAZ-141	89 / 45 / 0
5299-11-55 ¹	middle-floor	Yuchai YC6G260N-50	Gas	Euro-5	ZF 6S1310BO	89 / 45 / 0
Intercity buses						
5299-17-42	middle-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B or ZF 6S1310BO	73 (71) (69) / 42 or 44 or 46 / 0
5299-37-42	semi-low-floor	Cummins ISB6,7e4 270B	Diesel	Euro-4	Voith D854.5E or ZF 6AP1200B or ZF 6S1310BO	71 (69) / 42 or 44 or 46 / 0
City electric transport						
5299T-0000010	middle-floor	Base for trolley bus, the power unit is not included				106 / 25 / 0
5299ТП-10	semi-low-floor	Base for trolley bus, the power unit is not included				106 / 25 / 0
5299ЭП-10	semi-low-floor	Base for trolley bus, the power unit is not included				101 / 21 / 0

¹ limited edition

Large size buses - continued



Comfort for the driver and passengers



A ramp for embussing/debussing of low mobility people



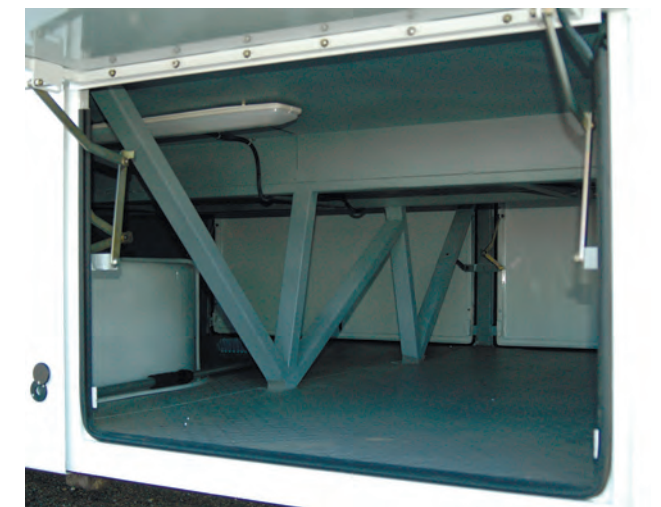
Comfort during long-distance travels



Comfort for passengers



Conditions for low mobility people transportation



Capacious baggage compartment

Small size buses

Small size buses for the city and suburban transport are mounted on KAMAZ-3297 chassis

Technical specifications

Model	Application	Floor level	Engine	Fuel	Gearbox	Passenger capacity (total / seats / seats for disabled persons)
Small size buses	city	middle-floor	Weichai WP4.1NG150E51	gas	FastGear 6DS60T, manual, 6-speed	50 (45) / 20 / 0 (gas)
	city	middle-floor	Cummins ISB4.5e4 185B (diesel) or Yuchai YC4G190N-50 (gas)	diesel or gas	ZF, 6S700TO, manual, 6-speed	50 (45) / 21...25 / 0 (diesel)
	suburban	middle-floor				50 (45) / 20 / 0 (gas)
	school	middle-floor	Cummins ISB4.5e4-185B	diesel	ZF, 6S700TO, manual, 6-speed	42 / 26 / 0 (diesel and gas)



Overseas manufacture of buses mounted on KAMAZ chassis

KAMAZ bus chassis are successfully used in bus manufacture abroad

Model	Application	Floor level	Engine	Fuel	Gearbox	Passenger capacity (total / seats)	Country of manufacture
KAMAZ-4308	tourist	middle-floor	Cummins 6ISBe 210B ¹	Diesel	automatic Allison, T270R, 6-speed	28-33	Peru
KAMAZ-4308	city/ suburban / intercity	middle-floor	Cummins 6ISBe 210B ¹	Diesel	automatic Allison, T270 R, 6-speed	32	Venezuela, Columbia

¹ Euro-5 versions with Cummins ISB4.5E5 185 and ISB6.7E5 210 engines are under development



Tourist bus



Tourist bus interior



Tourist bus driver's seat



City bus



City bus interior



City bus driver's seat

Electrical buses

Electrical bus is pollution-free and noiseless passenger transport. Just like a trolley bus, the electrical bus is driven by electrical haulage, but it is not connected to any overhead system.

The model range of KAMAZ electrical buses currently includes two large size and compact models.



KAMAZ-6282


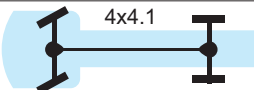
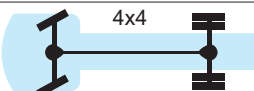
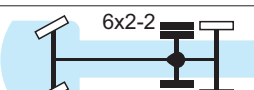
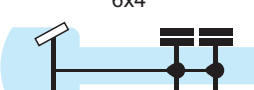
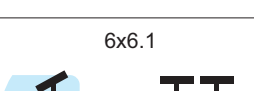
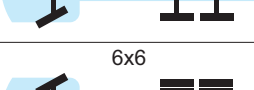
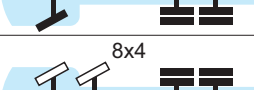
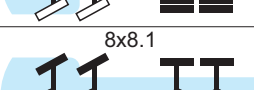


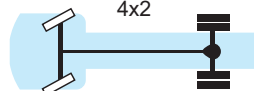
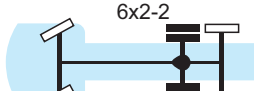


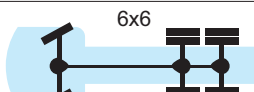
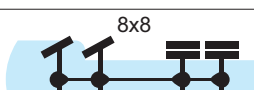
KAMAZ-2257



Model	Size	Overall dimensions, mm	Gross vehicle weight, kg	Passenger capacity (total / seats), pers.	Electric engine type	Engine power, kW	Cruising range, km	Battery type
KAMAZ-2257	Small	5900x2130x3100	6000	22/11	Synchronous, permanent magnet	78	69	lithium-titanate
KAMAZ-6282	Large size	12155x2500x3500	19000	85/24	Asynchronous	2x115	100	lithium-titanate

Chassis and tractor unit models index

Chassis				
Wheel arrangement	Model	Designation	Cab	Page
	KAMAZ-4308	C1118-C1125	C,R	28
	KAMAZ-5308	C1524-C1530	C,R	29
	KAMAZ-43253	T1518-T1525	C,R	30
	KAMAZ-43255	T1518-T1525	C,R	31
	KAMAZ-5325	T1825	A	49
	KAMAZ-53605	K2024-K2032	C,R	32
	KAMAZ-43502/ 4326	B1224-B1228	C,R	33
	KAMAZ- 43265	B1524-B1529	C,R	34
	KAMAZ-65208	T2640	A	50
	KAMAZ-53215	T1924	C	35
	KAMAZ-65117	T2030, T2426-T2430	C,R	36
	KAMAZ-65115/ 53229/ 55111	T2224, T2524-T2532	C,R	37
	KAMAZ-6520	K3330-K3342	C,R	38
	KAMAZ-65207	T2640	A	51
	KAMAZ-6580/ 6520 Luxe	K3540,K4141	A	52
	KAMAZ-5350/ 43114	B1328,B1724-B1730	C,R	39
	KAMAZ-43118	B2124-B2132,B2230	C,R	40
	KAMAZ-65224	K3040	C,R	41
	KAMAZ-65222	K3436-K3440	C,R	42
	KAMAZ-65111/ 53228	T2524-T2532	C,R	43
	KAMAZ-6522	K3332-K3340	C,R	44
	KAMAZ-65802/ 6522 Luxe	K4141 / K3340	A	53
	KAMAZ-6540	T3124-T3130	C,R	45
	KAMAZ-65201	K4132-K4142	C,R	46
	KAMAZ-65801/ 65201 Luxe	K4440-K4442, K5044	A	54
	KAMAZ-63501	B2732-B2736	C,R	47
	KAMAZ-6560	K3840	R	48

Tractor units				
Wheel arrangement	Model	Designation	Cab	Page
	KAMAZ-5460	M1836-M1842	C,R	55
	KAMAZ-5490 / 5490 NEO	M1840-M1842, T1840	A	64
	KAMAZ- 65209	T2640	A	65
	KAMAZ-54115	T1924	C	56
	KAMAZ-65116	T2226-T2230	C,R	57
	KAMAZ-6460	M2636-M2642	C,R	58
	KAMAZ-65206	T2640-T2642	A	66
	KAMAZ-65806	T2642, T3342	A	67
	KAMAZ-53504 / 44108	B2126-B2130	R	59
	KAMAZ-65221	K2836-K2840	C,R	60
	KAMAZ-65225	K3336-K3342	C,R	61
	KAMAZ-65226	K3353-K3360	R	62
	KAMAZ-65228	K4153-K4160	C,R	63

KAMAZ vehicles designation:

Letter C – distribution and medium-duty trucks;

Letter B – off-road trucks;

Letter T – transport trucks;

Letter K – heavy trucks;

Letter M – long-distance vehicles.

Followed by four figures: two figures for gross vehicle weight + two figures for engine power divided by 10.

Four-wheel drive wheel arrangements with a single-tyre wheel per semiaxle are designated as 4x4.1, 6x6.1, 8x8.1.

Information on service and
dealer network:



KAMAZ Foreign Trade
Company Incorporated
business card:



For additional information please visit the website www.kamaz.ru/en

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KAMAZ PTC
2018

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