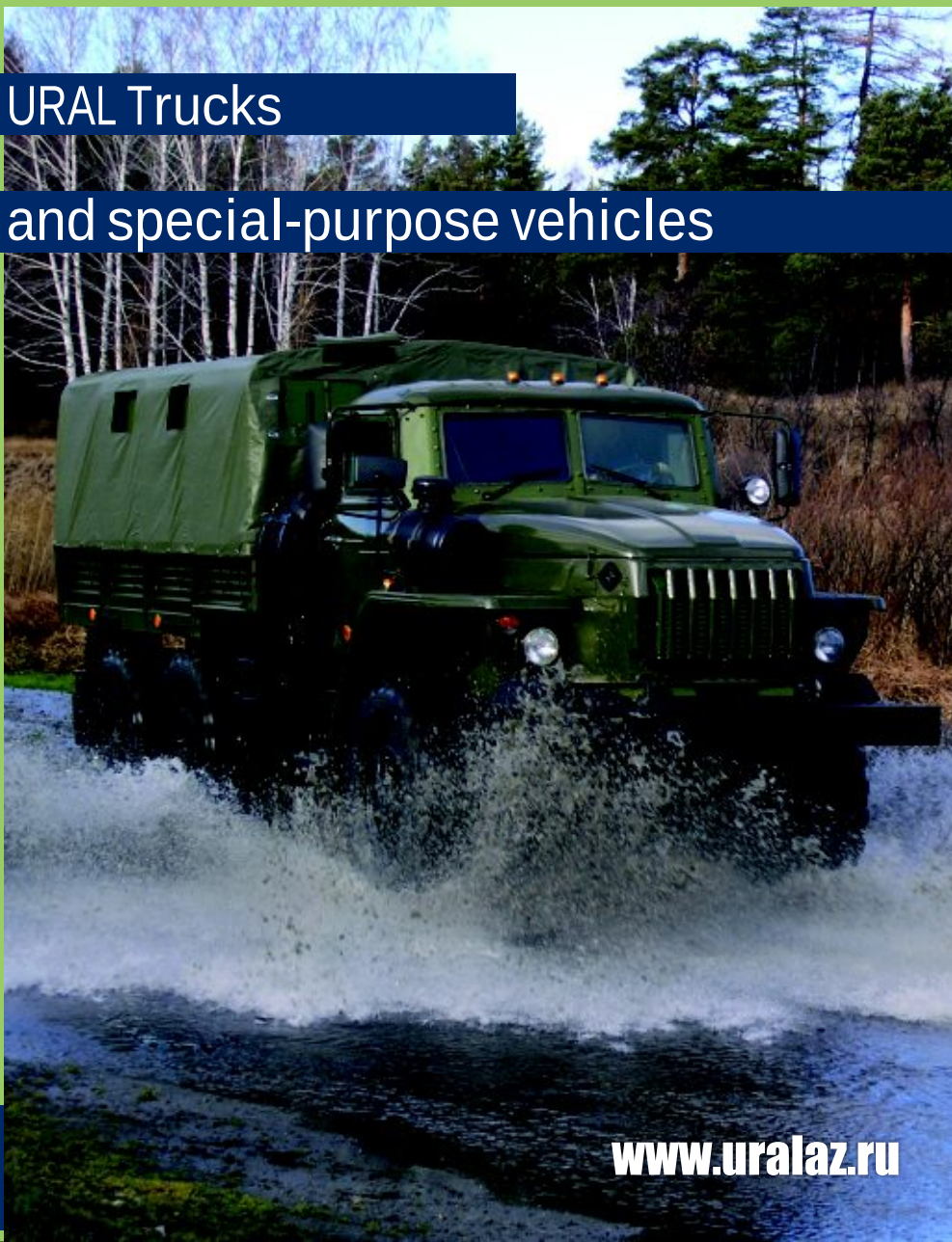
GAZ GROUP

"URAL" Automobile Works JSC

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URAL-43206

The multi-purpose trucks is designed for transportation of various cargoes, personnel, towing trailers and pull-type systems on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	4x4
.GVW, kg	11500*/12100
Payload, kg	3600*/4200
GVW distribution, kg:	
— on front axle	4440
— on rear axle	3160
Gross trailer weight, kg	7000
Max. travelling speed, km/h	85
Engine:	YAMZ-236M2
— rated power at 2100 min^{-1}, kW (h.p.)	132 (180)
Driveline:	Five-speed gearbox, two-stagetransfer box
	with inter-axle locking differential, rear axle
	with locking inter-wheel differential,
	units outfitted with sealing system
Service brake system	Double-circiut with pneumohydraulic drive
Platform body:	Metal, with lateral, r.h. and l.h. tilting sides and tailgate,
	container body fastening locks
	KK 2,2, equipped with removable bows and canopy, side
	tilting and removable intermediate benches, fastening
	points for removed bows, canopy, benches and sides.
Cab	All-metal, three-seat, equipped with ventilation and
	heating system
Tires:	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure tires
Fuel tanks capacity, l	210 + 60
Estimated fuel consumption	
at 60 km/h, l/100 km	24
Cruising range at 60 km/h, km	1080
Clearance, mm	400
External overal turning radius regarding bumper, m	11.4
Obstacles surmounting:	
— upgrade, %	58
— ford, m	1.75
Overal truck dimensions, mm	7746x2550x3065

* for multi-purpose truck

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m) and the YAMZ-236NE2 engine, 230 h.p., as options with corresponding alteration of towing-and-dynamic properties



URAL-43206-0651

The multi-purpose truck is intended for transportation of various cargoes, personnel and towing pull-type systems on all kinds of roads and terrain. It is equipped with a four-door cab.

BASIC TECHNICAL DATA

Wheel arrangement	4x4
GVW, kg	12000
GVW distribution, kg:	
— on front axle	5500
— on rear axle	6500
Payload, kg	3200
Gross trailer weight, kg	7000
Max. travelling speed, km/h	90
Engine:	YAMZ-236M2 diesel
— rated power at 2100 min.$^{-1}$, kW (h.p.)	132 (180)
Driveline:	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, rear axle with inter-wheel differential
	locking
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	Metal, short with tilting lateral sides and tailgate,
	equipped with removable bows and canopy, tilting side
	benches
Internal dimensions of platform, mm	3500x2462x600
Cab:	All-metal, six-seat, four-door,
	equipped with commander's hatch, light-protective
	curtains, ventilation-and-heating system.
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure, spare wheel fastened
	inside platform on front side
Fuel tank capacity, l	210
Estimated fuel consumption at 60 km/h, l/100 km	24
Cruising range at 60 km/h, km	860
Clearance, mm	400
Obstacles surmounting:	
— upgrade, %	58
— ford, m	1.75
External overall turning radius regarding bumper, m 11.4	
Overall dimensions, mm	7776x2550x3065

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236NE2 engine, 230 h.p., As options with corresponding alteration of towing-and-dynamic properties.



URAL-4320-31

The multi-purpose truck is designed for transportation of various cargoes, personnel, towing trailers and pull-type systems on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	15550
GVW distribution, kg:	
— on front axle	5090
— on rear bogie	10460
Payload, kg	6500
Gross trailer weight, kg	11500
Max. travelling speed, km/h	85
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	Metal, with tilting lateral sides and tailgate, fittings for fastening container body, removable bows and canopy, side tilting and removable intermediate benches, points for removed bows, canopy and benches
— platform area, m^2	9.0
— seating capacity	27
Cab	All-metal, three-seat, equipped with ventilation-and-heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL 14.00-20 OI-25 controllable-pressure
Fuel tanks capacity, l	300 + 60
Estimated fuel consumption at 60 km/h, l/100 km	34.5
Cruising range at 60 km/h, km	1080
Ground clearance, mm	400
External overall turning radius regarding bumper, m	11.4
Obstacles surmounting:	
— upgrade, %	60
— ford, m	1.75
Overall dimensions, mm	7739x2550x3065

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines with corresponding alteration of towing-and-dynamic properties.



URAL-4320-0611-31

The general-transportation truck is intended for carrying cargoes and towing pull-type systems on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	16015
GVW distribution, kg:	
— on front axle	5110
— on rear bogie	10905
Payload, kg	7000
Gross trailer weight, kg	11500
Max. travelling speed, kg	85
Engine	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	Metal with three tilting sides, equipped with removable
	extension sides and cloth canopy; panelled with veneer
- platform area, m^2	10.5
Cab	All-metal, three-seat, equipped with ventilation-and-heating
	system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-
	URAL,14.00-20 OI-25 controllable-pressure
Fuel tank capacity, l	300
External overall turning radius regarding bumper, m	11.4
Obstacles surmounting:	
— upgrade, %	60
— ford, m	1.75
Overall truck dimensions, mm	7865x2500x2805

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236BE2, 250 h.p.,and YAMZ-236NE2, 230 h.p., engines as options with corresponding alteration of towing-and-dynamic properties.



URAL-4320-0710-31

(with supplementary protection set)

The multi-purpose truck intended for transportation of various cargoes, personnel and towing pull-type systems on all kinds of roads and terrain with provisions for protection of its crew, personnel, basic units and components from gun bullets, fragments and high-explosive hand grenades.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	15470
GVW distribution, kg:	
— on front axle	5770
— on rear bogie	9700
Payload, kg	3500
Gross trailer weight, kg	11500
Max. travelling speed, km/h	85
Engine	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	With round protection; height of protection from floor level 1400 mm
— platform area, m^2	8.5
Cab:	With round protection of crew; windscreen and window glasses - fixed, bullet-proof; cab equipped with ventilation and heating system, with supplementary independent heater
Supplementary protection set	Provides local protection of vital components and units of power unit assembly, fuel tanks from gun bullets, fragments and high-explosive hand grenades
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Fuel tanks capacity, l	300+60
Estimated fuel consumption at 60 km/h, l/100 km	34.5
Cruising range at 60 km/h, km	1080
Ground clearance, mm	400
External overall turning radius regarding bumper, m 11.4	
Obstacles surmounting:	
— upgrade,%	60
— ford, m	1.75
Overall dimensions, mm	7739x2500x3065

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines with corresponding alterations of towing-and-dynamic properties.



URAL 4320-0811-31 Truck

(with enhanced mounting capabilities)

The multi-purpose truck is intended for transportation of various cargoes, container body, personnel and towing trailers and pull-type systems on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	20720
Payload, kg	7500 (7000)*
Gross trailer weight, kg	11500
GVW distribution, kg:	
— on front axle	5240
— on rear bogie	15480
Max. travelling speed, km/h	85
Engine	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	Metal, with tilting lateral sides and tailgate, fittings for fastening container body, removable bows and canopy, side tilting and removable intermediate benches, points for removed bows, canopy and benches
— platform area, m^2	14
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, controllable-pressure
Fuel tank capacity, l	300+60
Estimated fuel consumption	
at 60 km/h, l/100 km	40
Cruising range at 60 km/h, km	935
Ground clearance, mm	400
External overall turning radius regarding bumper, m 14.0	
Obstacles surmounting:	
— upgrade, %	32
— ford, m	1.75
Overall dimensions, mm	9536x2550x3065

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236BE2, 250h.p.,and YAMZ-236NE2, 230h.p., engines as options with corresponding alteration of towing-and-dynamic properties.



URAL-532301

The multi-purpose truck is designed for transportation of various cargoes, personnel, towing pull-type systems and operation on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
GVW, kg	22260
GVW distribution, kg:	
- on front bogie	10300
- rear bogie	11960
Payload, kg	10000
Gross trailer weight, kg	12000
Max. travelling speed, km/h	85
Engine:	YAMZ-238B diesel, turbocharged
— номинальная мощность при 2000 мин$^{-1}$, кВт (л.с.)	220 (300)
Driveline	Four-speed gearbox with two-range demultiplicator,
	Two-stage transfer box with inter-axle locking differential,
	rear bogie axles with inter-wheel differential locking;
	units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Platform body:	equipped with lateral hinged and removable sides and
	tailgate, side hinged and detachable intermediate
	benches, removable bows and canopy, hooks for fastening
	canopy, auxiliary front extension side, fastening device for
	multi-purpose container body
Cab	All-metal, two-seat, tiltable through 60° when performing
	maintenance; equipped with ventilation and heating
	system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Fuel tanks capacity, l	300+210
Estimated fuel consumption at 60 km/h, l/100 km	40
Cruising range at 60 km/h, km	1250
Ground clearance, mm	400
External overall turning radius regarding bumper, m	14
Obstacles surmounting:	
— upgrade, %	58
— ford, m	1.2
— ditch width, m	1.2
Ground clearance, mm	400
External overall turning radius regarding bumper, m	14
Wheel base, mm	2750
Overall truck dimensions, mm	8585x2550x3190

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m) and the YAMZ-7601 engine, 300 h.p., as options with corresponding alterations of towing and dynamic properties.



URAL-43206 Chassis-Cab

The chassis-cab is intended to mount various process equipment and special plants onto it. It operated on all kinds of roads and particular sections of terrain.

BASIC TECHNICAL DATA

Wheel arrangement	4x4
Gross weight, kg	11 375
Gross weight distribution, kg	
— on front axle	4775
— on rear bogie	6600
Kerb chassis-cab weight, kg	6600
Kerb chassis-cab weight distribution:	
— on front axle	4360
— on rear bogie	2240
Payload on chassis, kg	4475
Max. travelling speed, km/h	85
Engine:	YAMZ-236M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	132 (180)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, controlable-pressure
Chassis-frame length to mount equipment, mm	4180
Fuel tanks capacity, l	210+60
Overall chassis-cab dimensions, mm	7746x2500x2805

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m) and the YAMZ-236NE2 engine, 230 h.p., as options with corresponding alterations of towing and dynamic properties.



URAL-4320-31 Chassis-Cab

The chassis-cab is designed to mount process equipment and special plants onto it. It operates on all kinds of roads and terain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
Gross weight, kg	15655
Ross weight distribution, kg	
— on front axle	4745
— on rear bogie	10910
Kerb chassis-cab weight, kg	8000
Kerb chassis-cab weight distribution, kg:	
— on front axle	4550
— on rear bogie	3450
Payload on chassis, kg	7355
Max. travelling speed, km/h	85
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Chassis-frame length to mount equipment, mm	4180
Fuel tanks capacity, l	300+60
Overall chassis-cab dimensions, mm	7604x2500x2805

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236BE2, 250 h.p.,and YAMZ-236NE2, 230h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-43203-1712-31 Chassis-Cab

The chassis-cab is intended to mount various wagon bodies onto it. It operates on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
Gross weight, kg	15345
Gross weight distribution, kg	
— on front axle	4795
— on rear bogie	10550
Kerb chassis-cab weight, kg	8200
Kerb chassis-weight distribution, kg:	
— on front axle	4600
— on rear bogie	3600
Payload on chassis, kg	6845
Max. travelling speed, km/h	85
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Chassis-frame length to mount equipment, mm	4788
Fuel tank capacity, l	300
Overall chassis-cab dimensions, mm	8556x2500x2805

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ3-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-4320-30 Chassis-Cab

The chassis-cab is designed to mount process equipment and special plants onto it.
It operates on all kinds of roads and particular sections of terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
Gross weight, kg	20700
Gross weight distribution, kg:	
— on front axle	5310
— on rear bogie	15390
Kerb chassis-cab weight, kg	8400
Kerb chassis-cab weight distribution, kg:	
— on front axle	4910
— on rear bogie	3490
Payload on chassis, kg	12000
Max. travelling speed, km/h	80
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking; units equipped with sealing
	system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and
	heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure
Chassis-frame length to mount equipment, mm	5545
Fuel tank capacity, l	300
Overall chassis-cab dimensions, mm	8958x2500x2780 (2760)*

The truck can be completed with a winch (maximum tractive force - 10-11 t*f, rope length - 60 m), the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-55571-30 Chassis-Cab

The chassis-cab is designed to mount process equipment and special plants onto it.
It operates on all kinds of roads, as well as in the field.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
Gross weight, kg	20775
Gross weight distribution, kg	
— on front axle	5040
— on rear bogie	15735
Kerb chassis-cab weight, kg	8550
Kerb chassis-cab weight distribution, kg:	
— on front axle	4625
— on rear bogie	3925
Payload on chassis, kg	12000
Max. travelling speed, km/h	80
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL controllable-pressure
Chassis-frame length to mount equipment, mm	4180
Fuel tank capacity, l	300
Ground clearance, mm	400
External overall turning radius regarding bumper, m	11.6
Overall chassis-cab dimensions, mm	7588x2500x2740

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-532341 Chassis-Cab

The vehicle chassis-cab is designed to mount engineer armament means, special plants and towing pull-type systems. It operates on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
Gross weight, kg	22400
Gross weight distribution, kg	
— on front bogie	10100
— on rear bogie	12300
Kerb chassis-cab weight, kg	11200
Kerb chassis-cab weight distribution, kg:	
— on front bogie	8275
— on rear bogie	2925
Payload on chassis, kg	10500
Max. travelling speed, km/h	80
Engine:	YAMZ-238B diesel, turbocharged
— rated power at 2000 min^{-1}, kW (h.p.)	220 (300)
Driveline	Four-speed gearbox with two-range demultiplicator,
	Two-stage transfer box with inter-axle locking differential,
	rear bogie axles with inter-wheel differential locking;
	units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, two-seat, equipped with heating and ventilation
	system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Fuel tanks capacity, l	300+210
Chassis-frame length to mount equipment, mm	5290
Winch:	
— tractive force, t*f	10-11
— rope length, m	60
Wheel base, mm	2750
Overall chassis dimensions, mm	8290x2500x3190

The truck can be completed with the YAMZ-7601 engine, 300 h.p., as an option with corresponding alterations of towing and dynamic properties.



URAL-532361 Chassis-Cab

The vehicle chassis-cab is intended to mount engineer armament means, special plants and towing pull-type systems. It operates on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
Gross weight, kg	26521
Gross weight distribution, kg	
— on front bogie	11380
— on rear bogie	15141
Kerb chassis-cab weight, kg	11621
Kerb chassis-cab weight distribution, kg	
— on front bogie	8344
— on rear bogie	3277
Payload on chassis, kg	14600
Max. travelling speed, km/h	80
Engine:	YAMZ-238B diesel, turbocharged
— rated power at 2000 min^{-1}, kW (h.p.)	220 (300)
Driveline	Four-speed gearbox with two-range demultiplicator,
	Two-stage transfer box with inter-axle locking differential,
	rear bogie axles with inter-wheel differential locking;
	units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, two-seat, equipped with heating and ventilation
	system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Fuel tanks capacity, l	300+210
Chassis-frame length to mount equipment, mm	5990
Winch:	Double-rope
— total tractive force, t*f	8.0
— each rope length, m	20
Wheel base, mm	3450
Overall chassis-cab dimensions, mm	8970x2500x3190

The truck can be completed with the YAMZ-7601 engine, 300 h.p., as an option with corresponding alterations of towing and dynamic properties.



URAL-632361-10 Chassis-Cab

The vehicle chassis-cab is designed to mount special heavy equipment: cranes, pontoon fleets, transportation-and-charging plants, Multilift systems, etc.
It operates on all kinds of roads.

BASIC TECHNICAL DATA

Wheel arrangement	10x10
Gross weight, kg	37000
Gross weight distribution, kg	
— on front bogie	13000
— on attachment axle	8000
— on rear bogie	16000
Kerb chassis-cab weight, kg	12600
Kerb chassis-cab weight distribution, kg	
— on front bogie	8300
— on attachment axle	1500
— on rear bogie	2800
Payload on chassis, kg	24100
Max. travelling speed, km/h	75
Engine:	YAMZ-7601.10 diesel turbocharged
— rated power at 1900 min^{-1}, kW (h.p.)	220 (300)
Driveline	YAMZ-2391 nine-speed gearbox,
	Two-stage transfer box with inter-axle locking differential
	(Gear ratios: - high 0.995
	- low 1.48)
PTO, kW, not more	22
Auxiliary PTO	up to 40 % engine power
Permissible taken-off	
Electric power, kW, not more	1000
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, two-seat, equipped with heating and ventilation system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL controllable-pressure
Fuel tanks capacity, l	210+210
Chassis-frame length to mount equipment, mm, min.	7000
Overall chassis-cab dimensions, mm	9780x2500x3195

A 10x8 truck version with a pyload on the chassis up to 24,000 kg can be manufactured.



URAL-44202-31 Bolster Truck

The bolster truck is intended for towing semi-trailers on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
Gross tractor weight, kg	16425
Gross semi-trailer weight, kg	19100
Max. load on fifth wheel, kg	8100
Max. travelling speed, km/h	70
Engine:	YAMZ-238M2 diesel
— rated power at 2000 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-wheel
	differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tractor truck tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure
Fuel tanks capacity, l	300+60
Ground clearance, mm	400

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-542301 Bolster Truck

The bolster truck is intended for towing semi-trailers on all kinds of roads and particular sections of terrain.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
Gross semi-trailer weight, kg	28000
Kerb tractor weight, kg	11530
Max. load on fifth wheel, kg	10000
Max. travelling speed, km/h	80
Engine:	YAMZ-238B diesel turbocharged
— rated power at 2000 min^{-1}, kW (h.p.)	220 (300)
Fifth wheel	Two degrees of freedom, Support circle 2 type,
	Hole diameter for pin 51 mm
Driveline	Four-speed gearbox with two-range demultiplicator,
	Two-stage transfer box with inter-axle locking differential,
	rear bogie axles with inter-wheel differential locking;
	units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, two-seat, equipped with heating and ventilation system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-Урал, 14.00-20 ОИ-25 с регулируемым давлением
Fuel tanks capacity, l	300+210
Estimated fuel consumption at 60 km/h, l/100 km	60
Cruising range at 60 km/h, km	900
Wheel base, mm	2750
Chassis-cab overall dimensions, mm	7830x2500x3190

The truck can be completed with the YAMZ-7601 engine, 300 h.p., as an option with corresponding alterations of towing and dynamic properties.



UMP-400/UMP-350 Universal Engine Heater

The engine heater based on the URAL-43206/4320-31 chassis is designed to warm up engines, heat cabs of flying vehicles and other stationary and self-propelled equipment, to heat living quarters and production premises, pipelines and public utility pipeline routes at the ambient temperatures ranging from +10 to -55°C.

BASIC TECHNICAL DATA

Wheel arrangement	4x4 / 6x6
GVW, kg	11000/12300
Max. travelling speed, km/h	80
Engine:	YAMZ-236 NE2
— rated power at 2000 min^{-1}, kW (h.p.)	169 (230)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking; units equipped with sealing
	system
Service brake system	Double-circuit with pneumohydraulic drive
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure
Heating efficiency, kW, min.,	
When operating with nozzle having jet diameter:	
— 2.8 mm	400
— 2.2 mm	180
Air temperature at hose inlet, °C	80-110
Air temperature at hose outlet, °C, max.	50-115
Number of burners, pcs.	2
Number of hoses, pcs.	15
Inner diameter of hoses, mm	220
Hose length, m	18
Boiler plant:	Heat generator
- fuel type	Diesel
Duration of continuous operation, h	5
Fan delivery, m/h	16 000/18 000
Fan pressure, kPa	1.2-1.6

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



R-142 Mobile Radio Station Based on URAL-43206 Chassis

The chassis of the URAL-43206 multi-purpose truck is intended to mount the R-142 radio station providing radio communication in regiments (as a substitute of the GAZ-66 chassis).

BASIC TECHNICAL DATA

Wheel arrangement	4x4
GVW, kg	9000
Max. travelling speed, km/h	90
Engine:	YAMZ-236M2 diesel
— rated power at 2000 min^{-1}, kW (h.p.)	132 (180)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking; units equipped with sealing
	system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and
	heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure
Fuel tanks capacity, l	210+60
Estimated fuel consumption at 60 km/h, l/100 km	24
Cruising range at 60 km/h, km	1080
Ground clearance, mm	400
External overall turning radius regarding bumper, m 11.4	
Obstacles surmounting:	
— upgrade, %	58
— ford, m	1.75
Overall dimensions, m	7533x2500x2650

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



R-161 Mobile Radio Station Based on URAL-43206 Chassis

The chassis of the URAL-43206 multi-purpose truck is intended to mount the R-161 radio station providing radio communication in regiments (as a substitute of the ZIL-131 chassis).

BASIC TECHNICAL DATA

Wheel arrangement	4x4
GVW, kg	11000
Max. travelling speed, km/h	90
Engine:	YAMZ-236M2 diesel
— rated power at 2000 min^{-1}, kW (h.p.)	132 (180)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking; units equipped with sealing
	system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and
	heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL controllable-pressure
Fuel tanks capacity, l	210+60
Estimated fuel consumption at 60 km/h, l/100 km	24
Cruising range at 60 km/h, km	1080
Ground clearance, mm	400
External overall turning radius regarding bumper, m	11.4
Obstacles surmounting:	
— upgrade, %	58
— ford, m	1.75
Overall dimensions, mm	7590x2500x3150

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



URAL-55571-30 Dump Truck

The rear dumper is designed for transportation of bulk cargoes on all kinds of roads under conditions of industrial, civil and military construction.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	20775
GVW distribution, kg:	
— on front axle	5040
— on rear bogie	15735
Payload, kg	10000/13000*
Gross trailer weight, kg	11500
Max. traveling speed, km/h	80
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Platform body	Rear dumping, scoop-type,
— platform body volume, m^3	7.0
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL controllable-pressure
Fuel tank capacity, l	300
Estimated fuel consumption at 60 km/h, l/100 km	36
Cruising range at 60 km/h, km	775
Ground clearance, mm	400
External overall turning radius regarding bumper, m	11.6
Overall vehicle dimensions, mm	7740x2500x2980

* with corresponding operational limitations

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties and a platform body with a tailgate.



KSA-200-01 Mobile Kitchen & Canteen

The mobile kitchen and canteen based on the URAL-4320-31 chassis is intended for cooking and nourishing hot food, baking bread in the field.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	12000
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Max. traveling speed, km/h	85
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Body:	Heat-insulated with changeable volume
— floor area with set up kitchen equipment, m^2	24
Cab	All-metal, three-seat, equipped with ventilation and heating system
Rationing capacity, people	200
Seating capacity	20
Time of equipment setting-up/disassembling, min.	30/20
Reserves transported:	
— foodstuffs, meals/day	5
— water, l	750
— fuel, l	94
Capacity of boilers, total/net, l:	
— for first dish	120/100
— for second dish	80/60
— for boiling water	100
Overall dimensions with disassembled/ set up equipment (length x width x height),mm	8550x3300/4460x4380

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



ATZ-7 Refuelling Truck

The refueller based on the URAL-4320-30 chassis is designed for transportation, short-term storage and mechanized priming of vehicles and armoured tanks with fuel and equipped with detachable bows and a canopy.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	16775
Tank capacity, l	7000
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	1200x500-508 ID-P284 controllable-pressure KAMA-1260
Ground clearance, mm	360
Pump unit	STsN-20-24G
Volumetric fuel consumption, l/min:	
— via1 hose	150
— via 2 hoses	300
— via 4 hoses	400
Time of tank filling by pump, min	16
Time of tank draining by:	
— pump	15
— gravity	19
Self-suction depth, m	4.5

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



ATZ-10-4320 Airdrome Refueller

The airdrome refueller based on the URAL-4320-30 chassis is intended for priming aircrafts, helicopters with fuel, as well as for storageand transportation of light petroleum products on all kinds of roads and terrain.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	20100
Tank capacity, l	10000
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL controllable-pressure
Ground clearance, mm	400
External overall turning radius regarding bumper, m	14
Pump unit	STsN-75/70
Pump unit delivery, l/min	1000
Time of tank filling by its own pump, min	15
Time of tank draining by its own pump, min	11
Time of tank draining by gravity, min	32
Volumetric fuel consumption, l/min:	
— via closed filling nozzle	1000
— via dispensing hose	600
Self-suction depth, m	4.5
Overall dimensions, mm	9750x2500x2980

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



ATZ-22-44202 Aviation Refuelling Truck

The aviation refueller comprising the URAL-44202-30 bolster truck and a tank semi-trailer is designed for priming of aircrafts and helicopters, as well as storage and transportation of light petroleum products on hard-surface roads.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GCW, kg	38260
Tank capacity, l	22000
Max. travelling speed, km/h	60
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Service brake system	Double-circuit with pneumohydraulic drive
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	1200x500-508 ID-P284 controllable-pressure
Ground clearance, mm	360
Pump unit	TsN-180/110
Pump unit delivery, l/min	3000
Volumetric fuel consumption, l/min:	
— via closed filling nozzle	1500
— via dispensing hose	500
Self-suction depth, m	4.5
Overall refueller dimensions, mm	15000x2500x3300

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



ATsPT-9,5 Tank Truck

The tanker based on the URAL-4320-30 chassis is designed for transportation and short-term storage of any liquid foodstuffs. The reliable heat insulation ensures preservation of the foodstuffs at the ambient temperatures from -40°C up to +50°C. It can be used for fire-fighting as well.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	21535
Tank capacity, l	9500
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Cab	All-metal, three-seat, equipped with ventilation and heating system
Number of sections	3
Section material	Steel plate, rust-proof
Time of one section draining by gravity, min.	27
Time of one section filling by pump	
With water level lower than filler openings, min.:	
— 2 m	14
— 5 m	20
Tank max. filling control	Electric
Draining lines diameter, mm	50
Heat insulation thickness, mm	50
Heat insulation material	Phenol-formaldehyde foam plastic

The truck can be completed with a potable water ionic disinfection system, the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



MTP-A2.1 Wrecker Truck

The wrecker based on the URAL-4320-31 chassis is intended for evacuation of damaged vehicles, rendering technical assistance, refilling with fuels, lubricants and special fluids, transportation of half-loaded faulty (damaged) vehicles with injured running gear and controls on double towbar tow with no driver in the towed vehicle.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW when transporting cargo on platform, kg	17600
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle
	locking differential, intermediate and rear axles with inter-
	wheel differential locking; units equipped with sealing
	system
Cab	All-metal, three-seat, equipped with ventilation and
	heating system
Max. payload on platform, kg	4500
Max. load on transportation device, kg	3500
Max. weight of towed vehicle, kg:	
— half-loading	12000
— towing	15500
Lifting device	Rotary hydraulically-driven handling crane
Lifted cargo weight at outreach, kg:	
— 5.4 m	1650
— 3.8 m	2300
— 2.1 m	4000
Max. height of handling crane hook lifting, m	7.1
Max. winch tractive force used for vehicles recovery, t*f:	
— without winch pulley	10-11
— with winch pulley	20
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20
	KAMA-URAL 14.00-20 OI-25 controllable-pressure

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



MRS-AM1 Mobile Repair-and-Fitting Workshop

The repair-and-fitting workshop based on the URAL-43203-31 chassis is designed for diagnostics, maintenance and routine repair of vehicles in the field.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	13795
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL, 14.00-20 OI-25 controllable-pressure
Ground clearance, mm	400
Number of working places:	
— in workshop	3
— under shed	3
— on open-air sites	7
Time of equipment setting-up (disassembling) by 3 people, min.	30
Wagon body	Equipped with heating-and-ventilation & filtering-and-ventilation plants
Workshop equipment:	Sharpening-and-grinding machine, hydraulic press, boom- crane, lifting capacity 2000 kg; jib-crane, lifting capacity 200 kg, hydraulic jack 12 t*f, welding-and-charging device, vulcanizer. Set of general-purpose tools for copper-and-tin smithery, sewing-and-harness, painting, woodworking, tools for auto mechanic and fitter. Pullers, measuring tools, general-purpose devices. Three-phase alternator 16 kW, 400 V or from external three-phase current source 380 V
Overall dimensions	8550x2500x3430

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



MRM-M3.1 Mobile Repair-and-Mechanical Workshop

The repair-and-mechanical workshop based the URAL-43203-31 chassis is intended for turning, milling, grinding, drilling and fitting when repairing vehicles in the field.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	13550
Max. travelling speed, km/h	75
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Cab	All-metal, three-seat, equipped with ventilation and heating system
Tires	425/85 R21 KAMA-1260, KAMA-1260-1, 390/95 R20 KAMA-URAL 14.00-20 OI-25 controllable-pressure
Ground clearance, mm	400
Number of working places	4
Time of setting-up (disassembling) equipment by 3 people, min.	30
Wagon body	Equipped with heating-and-ventilation & filtering-and-ventilation plants
Workshop equipment:	Machines: screw-cutting lathe, bench-mounted drilling machine, sharpening-and-grinding machine; tools and accessories for turning, milling and drilling; general-purpose tools and instruments; devices and accessories for soldering, welding and vulcanizing.
Power supply	Three-phase alternator 16 kW 400 V or from external three-phase source 380 V
Overall dimensions, mm	8550x2500x3430

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



ATs 4.0-40 (43206) Fire-Fighting Tank Truck

The ATs 4.0-40 (43206) fire-fighting tanker based on the URAL chassis serves to deliver a fire-fighting crew to fire locations, fire-fighting equipment, a reserve of fire-extinguishing agents. It is intended for fire-fighting with water and air-and-mechanical foam.

BASIC TECHNICAL DATA

Chassis-cab	URAL-43206
Wheel arrangement	4x4
Engine/ power	YAMZ-236NE2, 230 h.p.
Max. travelling speed, km/h	85
GVW, kg	13 800
Overall dimensions:	
— length, mm	8 000
— width, mm	2 500
— height, mm	3 600
Seating capacity for fire-fighting crew (including driver's seat)	6
Water tank capacity, m^3	4
Foam maker tank capacity, m^3	0.3
Fire-fighting centrifugal pump	PN-40UV
Max. pump delivery, l/sec.	40
Max. pump head, m of water column	100
Pump arrangement	Crew's cab saloon/ rear compartment
Carriage-mounted nosepiece	LS-S40

The tank truck has a high cross-country ability. It is manufactured in two versions: with a pump in the crew's cab saloon and with a pump in the rear compartment of the body.

Design Features of Tank Truck

— The body is of module design.

— The levels of the noise and vibration generating by the running pump in the cab have been reduced for the account of transferring pump drive parts out of the cab.

— The pump is driven from the transfer box, via the auxiliary power take-off of the basic chassis without refinement of the truck driveline. The drive has become more reliable for this account.

— The heating of the rear compartment and the foam tank by the engine exhaust gas is provided.



AA-8.0/55
Aerodrome Fire-Fighting Truck

The aerodrome fire-fighter based on the URAL-4320 chassis is designed to fight fire and perform rescue operations on board of aircrafts and airport land-based facilities.

BASIC TECHNICAL DATA

Chassis-cab	URAL4320-1912-30
Wheel arrangement	6x6
Engine	YAMZ-236NE2, 230 h.p. (EURO-2)
Max. travelling speed, km/h	85
GVW, kg	21 000
Overall dimensions:	
— length, mm	10 000
— width, mm	2 500
— height, mm	3 600
Fire-fighting crew, including driver	3 people
Water tank capacity, m^3	7.5
Foam maker tank capacity, l	500
Pump unit	Optimal water consumption not less than 55 l/sec
Pump drive	From YAMZ-236 independent engine
Pump unit & control arrangement	Rear compartment

The aerodrome truck performs the following operations:

— delivery of the fire-fighting crew to fire locations, fire-fighting equipment and fire-extinguishing agents;

— supply of water or air-and-mechanical foam via stationary and hand nosepieces;

— supply of foam having a medium ratio by hand foam makers;

— fire-fighting in aircrafts by the bumper-mounted plant;

— coverage of runways by air-and-mechanical foam.

The truck conforms to certification requirements of ST SPASOP GA RF Standard to the aerodrome fire-fighting trucks.



ATs 6.0-40 (4320) Fire-Fighting Tank Truck

The ATs 6.0-40 (4320) fire-fighting tank truck based on the URAL chassis a high cross-country ability and serves for the delivery of a fire-fighting crew, fire-fighting equipment, a reserve of fire-fighting agents to fire locations. It is intended to fight the fire with air-and-mechanical foam and powder.

BASIC TECHNICAL DATA

Chassis	URAL-4320
Min. turning radius, m	10.8
Upgrade angle, degrees	30°
Tires	1200x500-508 controllable-pressure
Engine	YAMZ-238NE2, 230 h.p.
Max. travelling speed, km/h	75
GVW, kg	21 000
Overall dimensions:	
— length, mm	9 600
— width, mm	2 500
— height, mm	3 400
Seating capacity for fire-fighting crew	
(Including driver's seat)	6
Water tank capacity, m^3	6
Foam maker tank capacity, l	360
Fire-fighting centrifugal pump	PN-40UV
Rated pump delivery, l/s	40
Rated pump head, m	100
Pump arrangement	fire crew's cab saloon/ rear compartment
Carriage-mounted fire-fighting barrel	LS-S20U

The fire-fighting tank truck is equipped with the UPT-600 "Uragan" powder fire-fighting plant.

Design Features of Tank Truck

— The body is of module design.

— The levels of the noise and vibration generating by the running pump in the cab have been reduced for the account of transferring pump drive parts out of the cab.

— The pump is driven by the auxiliary power take-off of the basic chassis without refinement of the truck driveline. The drive has become more reliable for this account. The pump is controlled from the driver's seat.

— The hinged steps in the rear part of the body provide an optimal height to access the fire-fighting equipment.

— The heating of the rear compartment and the foam tank by the engine exhaust gas is provided.



5846 TM Excavator

The excavator based on the URAL-5557-30 chassis is designed for earth-moving at dispersed facilities with different types of driveways.

BASIC TECHNICAL DATA

Wheel arrangement	6x6
GVW, kg	17475
Max. travelling speed, km/h	65
Engine:	YAMZ-238M2 diesel
— rated power at 2100 min^{-1}, kW (h.p.)	176 (240)
Driveline	Five-speed gearbox, two-stage transfer box with inter-axle locking differential, intermediate and rear axles with inter-wheel differential locking; units equipped with sealing system
Cab	All-metal, three-seat, equipped with ventilation and heating system
Service brake system	Double-circuit with pneumohydraulic drive
Bucket capacity, m^3	0.65
Digging radius, m	7.1
Digging depth, m	4.0
Max. dumping height, m	4.8
Working cycle, sec	15
Bucket slewing angle, degrees	172
Working mechanism drive:	D-243 diesel engine
— rated power, kW (h.p.)	59.6 (81)
Additional equipment	Digging grab, hydraulic hammer, ripper
Overall dimensions, mm	7840x2500x3850

The truck can be completed with the YAMZ-236BE2, 250 h.p., and YAMZ-236NE2, 230 h.p., engines as options with corresponding alterations of towing and dynamic properties.



USB-T-53236 Pile-Driving Truck

The pile driving plant based on the URAL-532361-1010 chassis is designed to drive piles into foundations of high-level highway bridges in upright and inclined positions on the ground and water from the truck chassis or special floating means.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
Max. travelling speed, km/h	80
Engine:	YAMZ-238B diesel, turbocharged
— rated power at 2000 min^{-1}, kW (h.p.)	220 (300)
Lifted weight, kg:	
— hammer lifting winch	3000
— pile lifting winch	3000
Mast outreach along pile hammer axis, m	4,3
Hammer mast inclination, m/m:	
— forward in direction of movement	1:8
— backward	1:3
Platform slewing angle, degrees	270
Parameters of loading piles:	
— length, m	8
— cross section, cm	35x35
— weight, kg	3000
Number of piles driven with truck parked, units	8
Pile-driving plant efficiency, piles/h	4
Overall dimensions in transportation position, mm	13600x2600x3400



KSA-200-02 Mobile Kitchen/ Canteen

The mobile kitchen/canteen based on the URAL-532361 chassis is intended for cooking and eating hot meals & baking bread under field conditions.

BASIC TECHNICAL DATA

Wheel arrangement	8x8
GVW, kg	18900
Engine:	YAMZ-238B diesel turbocharged
— rated power at 2000 min^{-1}, kW (h.p.)	220 (300)
Driveline	Four-speed gearbox with two-range demultiplicator,
	Two-stage transfer box with inter-axle locking differential,
	rear bogie axles with inter-wheel differential locking;
	units equipped with sealing system.
Cab	All-metal, three-seat, equipped with ventilation & heating
	system.
Number of people receiving ration	220
Seating capacity	14
Number of servicing personnel (including driver), people	3
Number of stoves, units	3
Boilers capacity, l:	
— for first dish	172/160
— for second dish	111/103
— for boiling water	94/87
Reserves transported, l:	
— water	700
— fuel	100
Time of kitchen equipment setting up/disassembling, min	5/10
Overall dimensions in working position	
(length x width x height), mm	9450x4080x5100

The truck can be completed with the YAMZ-7601, 300 h.p. engines as options with corresponding alterations of towing and dynamic properties.