

Aerodrome fire automobile

Functional capabilities:

- delivery of the fire fighting crew, fire and technical equipment, and the stock of the fire extinguishing substances to the fire site
- delivery to the fire site of air and mechanical foam using the removed foam former or taking it from the outside reservoir through:
- the carriage stock, airplane fire extinguishing unit (УТПС) and (or) foam generators

Technical peculiarities of the bulkhead:

- fire pump ПН-60 with the self-contained vacuum pump
- bodies of framework type with rolling shutters
- water and foam service equipped with stop valves of European manufacturers
- controlling the automobile systems by the pneumatic actuator and electrical drive
- availability of the unit covering the runway with foam

Options:

- water container made of stainless steel or polypropylene
- extended completion with emergency and rescue equipment and tools

Technical specifications	
Axle arrangement	6x6
Maximum speed, km/h	90
Engine	ЯМЗ-238ДЕ2 (EURO -2)
Power, h.p.	330
Total weight, kg, at most	23000
Dimensions, mm, at most	11400x2600x3700
Fire-Fighting crew, persons	1+2
Pump	ПН-60 Б
• nominal delivery, (l/s)	60
• nominal pump head, m, at least	100
Stock of Fire extinguishing substances, m ³ (l):	
• powder, kg	6,5 (6500)
• foam former	0,58 (580)
Suction system	Self-contained vacuum pump
Upper carriage stock	СЛК-40
Water consumption, m ³ /s (l/s), at least	0,04 (40)

Jet range, m, at least: • dispersed straight jet • foam medium ratio jet	50 40
Bumper carriage stock	JIC-C20Y
Water consumption, m ³ /s (1/s), at least Jet	0,02 (20)
Jet range, m, at least: - dispersed straight jet - foam medium ratio	40 30
Stock of pressure hoses, m, at least	208
Completion: -fire-fighting equipment -emergency rescue equipment -security facilities of the crew -communications and lighting facilities -equipment according to the requirements of the State Motor Licensing and Inspection Department additional equipment -additional equipment	According to the Rules of the Emergency Control Ministry and the requirements of the State Motor Licensing and Inspection Department

Pumping-hose station



Functional capabilities:

- laying mains from the fire site to the basin
- delivering water in the mains for the purpose of direct feeding the automatic pumps, tank trucks and mobile water and water-foam stocks in the places where there is no water pipeline and the water sources are far apart

Technical peculiarities of the bulkhead:

- fire pump F1H-110 with the self-contained vacuum pump
- bodies of framework type with rolling shutters
- water and foam service equipped with stop valves of European manufacturers
- controlling the automobile systems by the pneumatic actuator and electrical drive
- equipment for unfolding and folding hose lines

Options:

- installing the pumps of the companies Pozhgidravlika, «Rosenbauer», «Zieg-ler», «Volkan» with other features
- installing the engines manufactured by the companies Deuts, Cammins to drive the pump
- extended completion with accessories and tools

Technical specifications	
Axle arrangement	6x6
Maximum speed, km/h	90
Power, h.p.	240
Total weight, kg, at most	15450
Dimensions, mm, at most	8700x2500x3500
Fire-Fighting crew, persons	1+2
Pump nominal delivery, (1/s) , at least	HIPI-110/100 0,10 (100)
Nominal pump pressure, m, at least	100±5
Engine of the pump drive Type	Diesel with turbo-supercharging
Nominal capacity, kW (k.s.)	235 (320)
Additional fuel tank, l, at least	500
Suction system	Self-contained vacuum pump
Total length of the pressure hoses, m, at least: 77 MM 150 MM	1000 640
The technique of laying the pressure hoses	Mechanized (while the automobile is running in on or two lines)
Completion: fire-fighting equipment, emergency rescue equipment, security facilities of the crew communications and lighting facilities equipment according to the requirements of the State Motor Licensing and Inspection Department additional equipment additional equipment	According to the Rules of the Emergency Control Ministry and the requirements of the State Motor Licensing and Inspection Department

Powder Extinguishing automobile



It is intended for: delivery of crew, fire-technical equipments and extinguishing; extinguishing of fires flammable fluids, in electric stations under voltage not more 1000V; powder deliver by through roof monitor or hand nozzles.

Technical specifications

Wheels formula	6x6
Engine output, kW (h.p.)	176 (240)
Maximum speed, km/h	90
Fire-fight crew, including driver, persons	3
Powder weight, t (kg), no less	4(4000)
Number of bottles (V=50 l) with working gas, pieces, no less	10
Fire turnatable combined monitor number, pieces	1
powder output, kg/s, not less	40
powder spray length, m, not less	45
Hand powder nozzle number, pieces	2
powder output, kg/s, not less	4,5
powder spray length, m, not less	18
Total weight, kg, not more	15450
Dimensions, mm, not more	7900x2500x3600

High pressure automobile



It is intended for: operative delivery of fire-fighting crew, equipment and fire-protection substances to the place of fire; -fires extinguishing in skyscrapers by water and foam-agent water solutions supply through high pressure hose lines

Technical specifications

Wheels formula	4x2
Engine output, kW (h.p.)	176 (240)
Maximum speed, km/h	90
Fire-fight crew, including the driver, persons	7
Capacities, m3 (l), no less:	
- water tank	4,8 (4800)
- foam-agent tank	0,5 (500)

Pump:	НЦПБ-20/200
- nominal deliver with n=2700 r.p.m. m3 (l/s), no less	20
- pump head, m, no less	200
- nominal deliver with n=3200 r.p.m. m3 (l/s), no less	10
- - pump head, m, no less	300
Nominal discharges of extinguishing through monitor,	
- water	0,02(20)
- - solution of foam-agent	0,02(20)
Throw range of monitor, m, no less	
- -water/ foam	50/45
Total weight, kg, no more	15000
Dimensions, mm, no more	7500x2500x3350

Emergency-rescue vehicle



It is intended for:

- delivery of fire-fight crew, emergency-rescue and special equipment to the place of fire and accident;
- realization of emergency-rescue work;
- ensure of fulfillment of work of the special electric, pneumatic, hydraulic equipments;
- ventilation of smoked and gassed rooms;
- lighting of wreck zones;
- -moving of loads with the help of manipulator.

Wheels formula	6x6
Engine output, kW(h.p.)	176(240)
Maximum speed, km/h	90
Fire-fight crew, including the driver, persons	7
Generator power, kWA	
-stationary	10
-portable	5,9
Extension height of illuminating mast from ground level, m, no less	5
Supply voltage, V	4x0,5
Stock of fire extinguishing substances, m3 (l):	
• water	8,2
• foam former	5,4
	16170 (1650)
Total weight, kg, no more	15450
Dimensions, mm, no more	7500x2500x3500

First aid fast response multifunctional fire automobile



Functional capabilities

- delivery to the accident or fire site of the fire fighting crew, fire extinguishing substances, survival and medical equipment
- which are necessary to conduct operative actions connected with fire suppression and localization conducting emergency actions
- rendering first medical care to the injured
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Technical peculiarities of the bulkhead:

- modern small-size chassis of advanced load-carrying capacity
- corrosion-proof aluminum body with rolling shutters assembled by using adhesive technologies
- polypropylene container for the water and foam former
- high pressure motor pump
- extended set of medical equipment
- equipping with the sets of hydraulic and pneumatic emergency equipment

Options:

- installing the pumps of the companies Pozhgidravlika, «Rosenbauer», «Ziegler», «Volkan» with other features
- the water reservoir made of stainless steel
- increasing the volume of the removed water
- installing the expanded staff area, the extended completion with survival equipment and tools

Technical specifications

Axle arrangement	4x2
Maximum speed, km/h	95
Power, h.p.	330
Total weight, kg, at most	7500
Dimensions, mm, at most	6950x2300x2800
Fire-Fighting crew, persons	1+2(4)
Pump	AT the customer's option
• nominal delivery, (l/s)	To be specified
• nominal pump head, m, at least	To be specified

Stock of Fire extinguishing substances, m3 (1): <ul style="list-style-type: none">• water• foam former	1 0,12
Suction system	Self-contained vacuum pump
Stock of pressure hoses, m, at least	340
Completion: <ul style="list-style-type: none">-fire-fighting equipment-emergency rescue equipment-security facilities of the crew-communications and lighting facilities-equipment according to the requirements of the State Motor Licensing and Inspection Departmentadditional equipment-additional equipment	According to the Rules of the Emergency Control Ministry and the requirements of the State Motor Licensing and Inspection Department

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