



FIRE FIGHTING VEHICLES

WATER-FOAM-POWDER



These vehicles are designed for:

As universal vehicles serve for extinguishing the type "A", "B", "C", "D" and "E" fires.

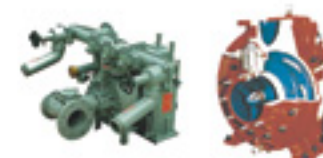
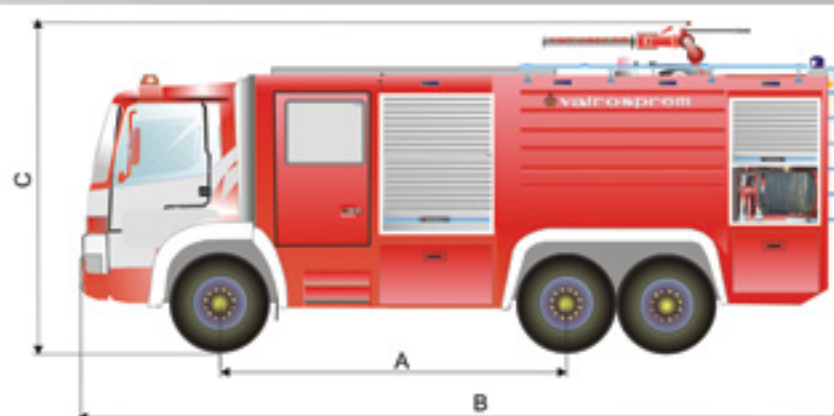
In these cases, for extinguishing fire, water, foam and dry powder are used.

Simultaneous use of powder and foam on fire, enable with this vehicle good extinguishing efficiency, in cases:

- Extinguishing fire type "A" fires of solid flammable materials (fires during which heated particles of wood, paper, straw, textile and coal are created etc.)
- Extinguishing fire type "B" flammable liquid fires (fires without heated particles, gasoline, oil, grease, lacquer, pitch, tar, etc.
- Extinguishing fire type "C" flammable gasses fires (city gas, acetylene, methane, propylene, butane etc.).
- Extinguishing fire type "D" flammable metals fires (aluminum, magnesium and they alloys, natrium, cilium and etc.)
- Extinguishing fire type "E" - fires on equipment and installations under voltage, electro engine, transformers, generating stations and etc.)
- Extinguishing fire from buildings in urban areas, military barracks, storages, chemical industry and industry for oil refineries.
- Vehicles, with bigger amount of foam, are extinguishing fire in industrial areas individually, using hydrant pipeline.
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- In fire fighting installation mixer for water and foam is built-in, as well as port for foam extracting outside the vehicle.
- light foam: - limited adjustable extinguishing substance for fire type "A";
- adjustable extinguishing substance for fire type "B" - flammable liquid fires (fires without heated particles, gasoline, oil, grease, lacquer, pitch, tar, etc., and type "E" - fires on equipment and installations under voltage, electro engine, transformers, generating stations and etc.);
- heavy foam: - limited adjustable extinguishing substance for fire type "A";
- adjustable extinguishing substance for fire type "B"
- BCE powder suitable for extinguishing fire type "B" and "C", limited adjustable extinguishing substance for fire type "E";
- ABCE powder - suitable for extinguishing fire type "A", "B" and "C", limited adjustable extinguishing substance for fire type "E";
- ABCD powder - suitable for extinguishing fire type "A", "B", "C" and "D", limited adjustable extinguishing substance for fire type "E";

Carrying capacity of the chassis and propulsion capacity of the engine are things which define superstructure of firefighting vehicle:

- single graded or more graded fire fighting centrifugal pumps can be install capacitate from 1600 to 6000 l/min under 8 bar pressure, and 400 l/min under 40 bar pressure and soaking altitude 7,5m.
- water tank volume is from 3000 to 14000 lit.
- foam tank volume is from 200 to 9000lit.
- incorporation of powder module volume 250 to 2000 lit.
- powder jet for powder ejection into the fire, capacitate from 30 to 40 kg/sec. with 12 to 14 bar pressure, and jetted powder range around. 35m.
- water/foam jet capacity of 1200 to 4500 l/min.
- it is standard for all types of vehicles to have the vacuum water/foam mixers installed as well as the emergency winches and cabinet got the corresponding equipment with the Al-roll door, for fire extinguishing and protection of the firefighters.



WATER FOAM POWDER FIRE FIGHTING VEHICLE CAPACITY FROM 4000 TO 9000 L



BODY

VATROSPREM

VOLUME WATER/FOAM/POWDER TANK

dm ³	3000/300/1000	4000/400/250	4000/500/1000	5000/500/1000	6000/600/1000	7000/1000/1000
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CHASSIS

FAP, ZASTAVA, MERCEDES, IVECO, KAMAZ, VOLVO, TATRA, MAN, FORD, AVIA

ENGINE POWER

kW	147	147	170	205	205	205
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TOTAL CAPACITY GWV

kg	13000	14000	16000	18000	18000	20750
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A

mm	3600	3900	4200	4200	4200	3690 + 1320
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B

mm	~ 6500	~ 7310	~ 7400	~ 7440	~ 7400	~ 8650
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C

mm	~ 3300	~ 3300	~ 3350	~ 3350	~ 3350	~ 3500
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Pump

Catalog number

Capacity l/min

Number of rounds min-1

VATROSPREM CVP 16-8	6.3.01.00.000	1600 at 8 bar and suction height of 1,5 m	4000
VATROSPREM CVP 32-8	6.3.02.00.000	3200 at 8 bar and suction height of 3 m	3900
VATROSPREM CVP 40-8	6.3.03.00.000	4000 at 8 bar and suction height of 3 m	3900

GODIVA WT 3010 | druge capacity to combine regime 2000 to 6000l/min at 7 bar and 250 l/min at 37 bar and suction height 3m

Water/foam monitor

Catalog number

Capacity l/min

Water jet reach scope

Foam jet reach scope

VATROSPREM	6.2.01.00.000	1200, 1600, 2400	at 1600l/min and 10 bar 50m	at 1600l/min and 10 bar 45m
VATROSPREM	6.2.02.00.000	2000, 2400, 3000	at 2000l/min and 10 bar 70m	at 2000l/min and 10 bar 55m

FIRE FIGHTING WINCH

Catalog number

inside diameter of rubber hose

length of rubber hose m

nominal pressure bar

capacity nozzle l/min

FIRE FIGHTING WINCH FOR NOMINAL PRESSURE	6.2.06.00.000	Ø32- Ø 25	25-50	8	200 pri 8 bar
FIRE FIGHTING WINCH FOR HIGH PRESSURE	6.2.07.00.000	Ø 25	25	40	200 pri 40 bar

* These characteristics can be changed according to buyers requires and wishes.