vatrosprem

FIRE FIGHTING VEHICLES

WATER FOAM

These vehicles are designed for:

- 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 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.
- In fire fighting installation mixer for water and foam is built-in, as well as port for foam extracting outside the vehicle.
- When foam is added, as extinguishing fluid are used:
- 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"

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 bee 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.
- 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.

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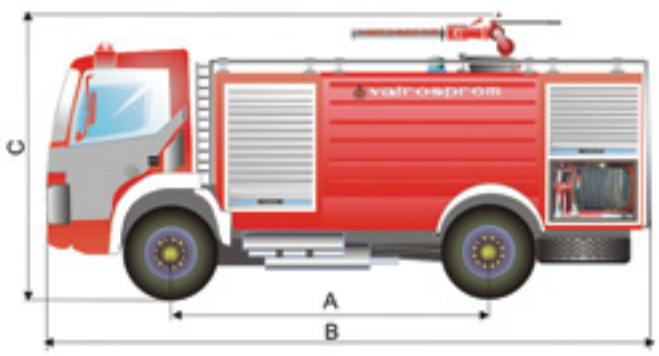

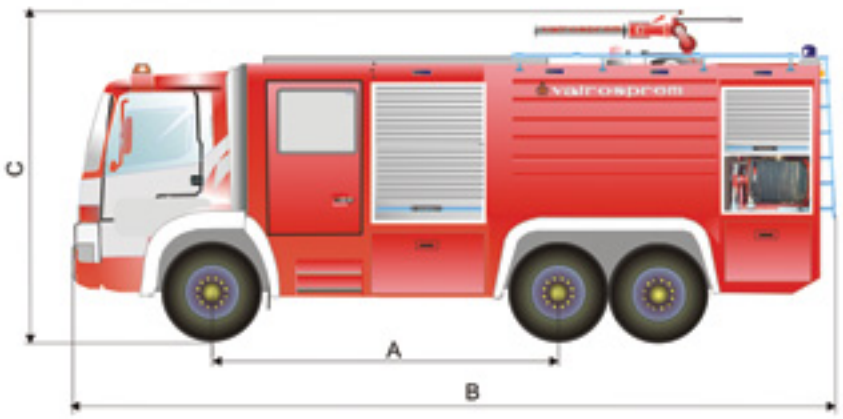

WATER FOAM FIRE FIGHTING VEHICLE CAPACITY FROM 3000 TO 11000 L

BODY	VATROSPREM								
VOLUME WATER/FOAM TANK	dm^3	3000/200	3000/300	4000/400	5000/500	6000/300	6000/500	7000/1000	8000/1000	10000/1000
CHASSIS	FAP, ZASTAVA, MERCEDES, IVECO, KAMAZ, VOLVO, TATRA, MAN, FORD, AVIA								
ENGINE POWER	kW	100	125	170	180	191	202	205	220	265
TOTAL CAPACITY GVW	kg	8200	10000	15000	16000	18000	20000	22000	24000	26000
A	mm	3000	3610	3800	3800	3800	3190 + 1320	3690 + 1320	4100 + 1400	4500 + 1350
B	mm	~ 5770	~ 7100	~ 7160	~ 7160	~ 7162	~ 7350	~ 8650	~ 9000	~ 9200
C	mm	~ 2550	~ 3000	~ 3240	~ 3350	~ 3750	~ 3500	~ 3350	~ 3350	~ 3350

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	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 and10 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 at 8 bar
FIRE FIGHTING WINCH FOR HIGH PRESSURE	6.2.07.00.000	Ø 25	60	40	200 at 40 bar

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

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