

## Hydro-jet special automobile



**It is intended for:** counteraction against groups of people who break of peace, at accidents of massive disorders, and also when reasons for riot squads, by delivering and effecting by water or other specialized agent.

The car serves by video, photographing and delivering of crew, water to the destination, as well as other special agents. The car, if necessary, can be used as the fire car.

Special hydrosystem with system of dyeing water provides:

- Filling, storage and transportation of water, as well as its supply through fire-fighting monitors to the constant distances, and its tank has drain cranes.
- Filling water tank, as from the surface water (maximum altitude of suction – 7,0 m.) and from a fire hydrant;
- Water delivery at simultaneous work fire-fighting monitors.

Consists of:

- water tank with capacity 6 м3 (no less), it does not impede all-around looking of the operator from a cabin and has a corrosion-resistant covering of inner surface.
- pump unit with a control system, the control of technical parameters of its engine and pressure over an output from pump unit;
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- Two fire-fighting monitors are placed on a roof of a pump compartment and above a chassis bumper in front of a cabin:
- Dyeing system is intended for storage, transportation and supply of dye to the hydrosystem and fire-fighting monitors
- Systems of pipelines, hoses, stop valves and the adjustable equipment;
- Systems of regulation and the control over working pressure before fire-fighting monitors, the control over a water level in the tank.

**Technical specifications**

Total weight, kg, no more	20780
Distribution of weight among axes, kg, no more: fore axle/ rear axle	5550 /15230
Maximum speed, km/h	60
Crew, persons	3
Pump unit: Engine power, h.p.	150
Pump type	ПН-40УВ (PN-40UV)
Rated pumping capacity, l/s.	40
Pump head, m	100-5
Vacuum system	Electrically-actuated
Vacuum pump type	roller-vane pump
Maximum altitude of suction, m	7
Capacity:	
Water tank, l, no less	6000
Dye tank, l, no less	300
Top fire-fighting monitor	1
Quantity, pcs.	Remote electrically-actuated
Control	
Angle of rotation, degree,	
- horizontally	360
- vertically	from -15 to +45
Maximum distance of lancing, m	50
Low fire-fighting monitor	1
Quantity, pcs.	Remote electrically-actuated
Control	
Angle of rotation, degree,	
horizontally	
vertically	180
Maximum distance of lancing, m	from -15 to +45
	40
Spray system of intensive mixture	
Tanks for intensive mixture (capacity 20 l.), pcs.	3
Quantity of atomizing nozzle, pcs.	10
Link angle of intensive mixture, degree	40±10
Delivery distance of intensive mixture, m	2,5
Fire protection system	
Carbon-dioxide:	
Quantity of balloons (40 l. each), pcs.	1
Control	Remote pneumatic
Quantity of mouthings, pcs.	5
Tank for foamgenerator, l.	50
Quantity of disperser, pcs.	6

For contacts

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