



ТОВ ІНЖЕНЕРНО-ТЕХНІЧНИЙ ЦЕНТР “ОРІОН-Д”
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Specification of mobile refueling gas truck

Cylinder truck is intended for transportation and preservation of compressed natural gas, refueling of vehicles, stationary cylinder gas stations, utilizing natural gas as a motor fuel, for gas storage and gas service for household users.



Composition:

1.1 Tri-axle semitrailer-platform with stiffened frame on air suspension of “ACERBI” manufacture, type 108PS.

Overall length, mm	Overall width, mm	Platform's height at centre of axis in load/no-load condition, mm	Empty weight of semitrailer, kg	Allowed total weight, kg
10.800	2.500	1.250/1.220	5.200	38.000

1.1 Loader from 4÷10 cylinders of “Tenaris” manufacture

Quantity of cylinders, pcs.	Volume, l	Volume, nm3	Weight, kg	Length, mm	Working pressure, MPa
4	8000	2000	10992	9600	25
6	12000	3000	16488		
8	16000	4000	21984		
10	20000	5000	27480		

Cylinder of “Tenaris” manufacture

Volume, l	Weight, kg	OD, mm	Cylinder length, mm	Working pressure, bar
2000	2748	572	9600	25

* - cylinder length can be changed depending on overall length of a semitrailer.

1.2 Dispensing system.

It consists of a vessel module, control unit, gas fittings, piping, refueling unit, control devices and additional equipment.

1.4 Gas metering is realized by means of a mass flow meter. Cylinder truck supports installation of electronic gas metering system. Metering unit can be installed in accordance with the preliminary specifications for additional payment.