

Multi purpose mixed fire vehicle 50001500/DCP5003000NH



**MULTI PURPOSE MIXED FIRE VEHICLE
MANUFACTURER: BUMER MAKINA
ORIGIN: TURKEY**




(Image is of illustrative nature)



Model: 50001500/DCP5003000NH

TECHNICAL SPECIFICATION

No.	Content	Technical Specification
A	General information	Model: 50001500/DCP5003000NH Manufacturer: BUMER MAKINA Origin : Turkey
	Type	Multi purpose mixed fire vehicle
	Manufacturer	BUMER MAKINA
	Driven wheel	4x2
	Cabin	Single Cabin
	Water/ Foam tank/ DCP Capacity	5.000 water tank/ 500 liter foam tank/ 500 Kg DCP
B	Technical Specification	
I	Chassis	Model: ML180E28 – Euro 5 Manufacturer: IVECO
	General Infomation	
	Type	Specialized Vehicle
	Drive wheel	4x2
	Engine	Diesel
	Engine Power	275HP at 2700 rpm
	Maximum torque	930 N.m
	Maximum speed	85 km/h
	Gearbox type	Manual 9 Speed – ZF 9S1110 TO
	Max. Load	18.000 kg
	Front axle load	7.100 kg
	Rear axle load	11.500 kg
	Brake system	Disc brakes with ABS, hydraulic brake controlled by compressed air
	Wheelbase	3.690 mm
	Base vehicle dimension (LxWxH)	6.200 x 2.490 x 2.800 mm
	Overall dimensions (LxWxH)	6.200 x 2.490 x 3.000 mm

	Approach Angle	13°
	Departure Angle	13°
	Minimum turning radius	14.390 mm
	Tires	295/80R22,5
	Front tires	295/80R22,5 single tire
	Rear tires	295/80R22,5 double tires
	Tires	02 front tires + 04 rear tires
	Compressor	360 cc
	Fuel tank	200 liter
II	General Specification	
	Product standard	ISO45001:2018; TS EN 1501-1+A1; TS EN1028-1+A1; ISO10002:2018; EN1846-1:2011; EN1846-2:2009+A1:2013; EN1846-3:2013; TSEK VİDANJÖR; TSEK DAMPERLİ KASA
	WATER TANK	
	Type	Modular type tank placed between the two locker compartments
	Capacity	5.000 liter, Thickness 4 mm
	Material	AISI 304 stainless steel
	Tank lid diameter	At least 500 mm diameter Manhole Cover with mechanically lockable lid
	Filling the Tank	Fitted with 2 side filling inlets which are 2.5 inches and having GOST couplings with a non-return valve.
	Tank Drainage	2 inch bottom outlet with spherical valve
	Level Indicator	Located on the dashboard
	FOAM TANK	
	Capacity	500 liter
	Material	AISI 316 stainless steel
	Filling	DN100 mm (4 inch)
	Cleaning	DN50 mm (2 inch)
	DCP (POWDER) UNIT	
	Capacity	500 kg


	material	ST-37, 6mm thickness cylindrical shape
	Nitrogen Tubes	02 unit x 20 liter regulator
	Operation pressure	14kg/cm ²
	Reel	1 unit 1 inch x 30m hose reel with powder gun
	DCP unit Standard	EN ISO12100:2010, EN ISO 13857: 2008, EN 349: 1993+ A1:2008
	FIRE PUMP	
	MANUFACTURER	BUMER MAKINA
	Fire pump	Self-priming pump – Centrifugal multi pressure fire pump having a total of 5 stages 2 normal pressure and 3 high pressure stages
	Driven Type	PTO
	Material	Body & Fan will be manufactured from light alloy aluminum and the pump shaft will be manufactured from Stainless Steel
	Production standart	TS EN 1028-1:A1:2011; TS EN 1028-2+A1:2009
	Pump flow	3000 lpm at 10 bar 250 lpm at 40 bar
	Outlets	2 units 2 inch spherical type outlets with GOST couplings 2 units 2,5 inch spherical type outlets with GOST couplings

	Suction	1 unit 4 inch, capability to suck water from 7m geographical depth
	Foam Proportion	Automatic 0% - 6%, with manual rate control possible
	WATER/FOAM MONITOR	
	Flow	2.400 lpm at 8-10 bars
	Standard	EN ISO12100:2010, EN ISO13857:2008, EN349:1993+A1:2008
	Throwing Distance	Min. 60 meters water and min. 45 meters foam
	Movement	360° horizontally and from -15° to 75° vertically
	HOSE REEL	
	Location	At rear right side of the vehicle
	Hose	1 inch x 50m, unbreakable
	Nozzle	Handheld nozzle

	Opening	Manual
	Rewinding	Electrical
	Accessories included	
	3 section 9m aluminum portable ladder	01 unit
	4 inch x 3m Suction Hose with GOST couplings	02 unit
	2 inch x 20m quality Fire Hoses with GOST Couplings	04 unit
	2,5 inch x 20m quality Fire Hoses with GOST Couplings	04 unit
	4 inch Suction Strainer	01 unit
	2,5 inch Nozzle	01 unit
	2 inch Nozzle	01 unit
	Coupling spanner	02 unit
	ABC coupling spanner	01 unit
	Front Bumper Winch	01 Set
1	Radioactive and chemical detection equipment	
1.1	Handheld Nuclear Radiation Monitors: 05 unit	
	Model	Radalert 100X
	Manufacturer	International Medcom
	Origin	USA



<i>Technical Specification</i>	
Tubular probe (Geiger – Mueller)	
Operating Range	mR/hr: 1 ÷ 110 µSv/hr: 1 ÷ 1100 CPS: 0 ÷ 3500 CPM: 0 ÷ 350000
Maximum continuous measurement time	≥ 40 hours
Calibration	Cesium 137 (activity 30000 ÷ 50000 Cpm)
Sensitivity	≥ 1000 cpm/mR/hr
Radiation detection threshold	0,01 µSv/hr
Cumulative radiation dose measuring range	0 ÷ 1100 µSv/hr
Power	9 VDC
Size (LxWxH)	150 x 80 x 30 mm
Weight (including)	225g
Accuracy	± 10 %

	Output	3.5mm stereo jack connects to a computer or recorder or headphones
	Input	Jack mono 2,5mm
	Standard	EN55011:2009 + A1:2010; EN61326-1; EN61326-1:2006
1.2	Chemical Detector: 01 unit	
	Model	Chempro X
	Manufacturer	Bertin Environics
	Origin	FINLAND
		
	The product is manufactured to meet Dust & Wate MIL-STD-810G, Shock & Vibration MIL-STD-810G, EMI/RFI Interference MIL-STD-461G/MIL-STD-1275D	
	Detection Modes	CWA, TIC
	Power	9 VDC
	Connectivity	WLAN, WPAN, Radio Data USB memory stick Ethernet (optional accessory) Up to 10 device per group with radio data
	Operating hours	Up to 8 hours
	Battery Recharge	Approx. 5 hours (with standard mains power charger)

	User Interface	3,5" Full color graphical LCD display and 3 operation keys
	Sampling	Internal pump with continuous airflow
	Alarm Indication	Audible alarm, Visual alarms (display / LED)
	List of poisons	Industrial poison (TIC): Nitrogen dioxide (NO ₂), Ammonia (NH ₃), Arsine (AsH ₃), Diborane (B ₂ H ₆), Hydrogne sulphide (H ₂ S), Phosphine (PH ₃), Hydrogen bromide (HBr), Hydrogen chloride (HCL), Hydrogen fluoride (HF), Nitric acid (HNO ₃), Phosphorous trichloride (PCI ₃), Acrylonitrile (C ₃ H ₃ N), Allyl alcohol (C ₃ H ₆ O)
		Military poison (CWA): Sarin (GB), Tabun (GA), Soman (GD), Cyclosarin (GF), VX (including degraded VX and Russian VX), Organophosphate (OP) pesticides, Sulphur mustard (HD), Lewisite (L), Nitrogen mustard (HN ₃), Hydrogen cyanide (AC), Chlorine (CL ₂)
	Size	(160 x 100 x 50) mm
	Weight (w/Li-ion batatery)	770 g
2	Chainsaw	
	Model	365
	Manufacturer	Husqvarna
	Origin	Sweden
		
	Structure	01 chainsaw, 01 chain, 01 track
	Engine type	2-stroke, gasoline anGINE
	Power output	3,4 kW
	Displacement	65,1 cm ³

	Idling speed	2700 rpm
	Maximum power speed	9000 rpm
	Fuel tank volume	0,77 liter
	Oil tank volume	0,44 liter
	Pitch	3/8 inch
	Recommended saw chain length	38 ÷ 70 cm



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MAKINA