



МАЗ – МАН
Мощность и работа



АЭС
КОМПЛЕКТ

**ALL TERRAIN VEHICLE
(SNOW AND SWAMP VEHICLE) BME-1015**



All-terrain vehicle BME-1015 - is an all-wheel drive, multi purpose vehicle, designed for delivery of cargo and equipment, human transportation, as well as for repairing, emergency and patrol work in different road conditions, mainly for natural soil roads and cross-country, for the soils with low bearing capacity including snow virgin soils, sands, tabel soils of tundra as well as swamps.

Main parameters of all-terrain vehicle

Name of parameter	Value
Motor output, kW (h.p.) gasoline/diesel	59,6(81) / 70(95)
Maximum speed, km/h	65*
Full weight, kg, max	3200
Curb weight, kg, max	2200
Carrying capacity, kg, max	1000
Carrying capacity afloat, kg, max	1000
Overall dimensions (l * w * h), mm, max	4500 * 2500 * 2650
Clearance, mm	660
Wheel base, mm	3100
Minimum turning radius, m	12
Maximum climb andgle, degr.	35
Width of trench crossing, m, max	0,8
Height of step crossing, m, max	0,6
Exit qualities:	
- water entry, degrees, max	45
- water exit, degress, max	20
Tire pressure, bar	0,1 - 0,6
Specific ground pressure, kg/cm ² , max	0,15
Seating capacity	8
Full weight of towed trailer, kg, max	750
* maximum speed is reached at open flat area. Cross country speed shall be selected taking into consideration road conditions.	



Characteristics of Motors:

Motor	CMD GN 199AT	BA3 21214-1000260
	four stroke diesel with turbocharging	four stroke, gasoline
Quantity and arrangement of cylinders	4, in line	
Cubic capacity, cm ³	1929	1690
Maximum power, kW/h.p. (r/min)	70/95 (4200)	59,6/81 (5200)
Maximum torque, Nm (r/min)	205,0 (2500)	127,5 (4000)
Motor control system		BOSCH M7.9.7
Fuel	Diesel	95 RON (unleaded)

Overwater performance:

All-terrain (snow and swamp) vehicle provides transportation of passengers and cargo on water-logged and swamp areas, as well as on both open and ice-covered water reservoirs. Moving of vehicle on water is made by rotation of wheels and water propeller. Change of moving direction is made by front driven wheels.



Additional options:

- additional fuel tank;
- gear of water propeller;
- heating of fuel filter;
- heating of motor's cover (independent pre-starting heater of motor);
- rear view camera;
- fuel filter moisture separator;
- independent heater of interior;
- self-locking wheel differential;
- spot-lights,
- light signaling loudspeaker equipment;
- fire extinguishing water pump;
- racks;
- power generator with welding function.



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