

BLR (MARK 2)

UNMANNED GROUND VEHICLE



BLR MK.2 (UNMANNED GROUND VEHICLE)

Product Specification -

The BLR Mk.2 is a second-generation heavy-duty skid steered vehicle which incorporates 6x6 hydrostatically driven wheels. The heavy-duty construction can be adapted to carry various kinds of equipment and payloads. The platform has superior unprecedented off-road mobility capabilities under full load capacity.

The BLR Mk2 is fitted with a robotic drone handling arm (8 DOF, 20kg/m) for the assembly, deployment, and retrieval of cylindrically shaped drones (co-axial) or adapted quad-copters. The internal bay can hold up to 2.0 m³ of deployable equipment, that is fully accessible by the arm, and its dedicated gripper.

DIMENSIONS		MOBILITY	
Length	4,647 mm	Max. speed	50 km/h
Net maximal height	2,464 mm	Vertical scaling height	1,500 mm
Width	2,810 mm	Front grade capability	70%
Wheel base	3,297 mm	Sideways slope	40%
Track width	2,320 mm	Water fording depth	700 mm @ 10 km/h
Ground clearance	305/1050 mm	Transmission	Continuous swash plates
Tires	445/70R22.5	Braking on all 6 wheels	Hydrostatic + Failsafe parking
		Suspension	6 Independent hydro-pneumatic suspension struts
CAPABILITIES		ENGINE SPECIFICATIONS	
Loaded weight	16,000 kg	Model no.	CUMMINS QSL9.0
Unloaded weight	8,000 kg	No. of cylinders	In-line 6
Maximal payload	8,000 kg	Compression ratio	1:18
Fuel tank capacity	440 liters	Rated output	340 hp @ 2,300 RPM
HYDRAULICS CHARACTERISTICS		Displacement	9.0 liters
Drive system pressure	420 bar	Cooling system	Water-cooled, controlled variable fan drive
Auxiliary equipments supply	250 bar	ELECTRIC CHARACTERISTICS	
		System voltage	24 Volts
		Secondary power supply	Additional 24 V, 250A Alternator

