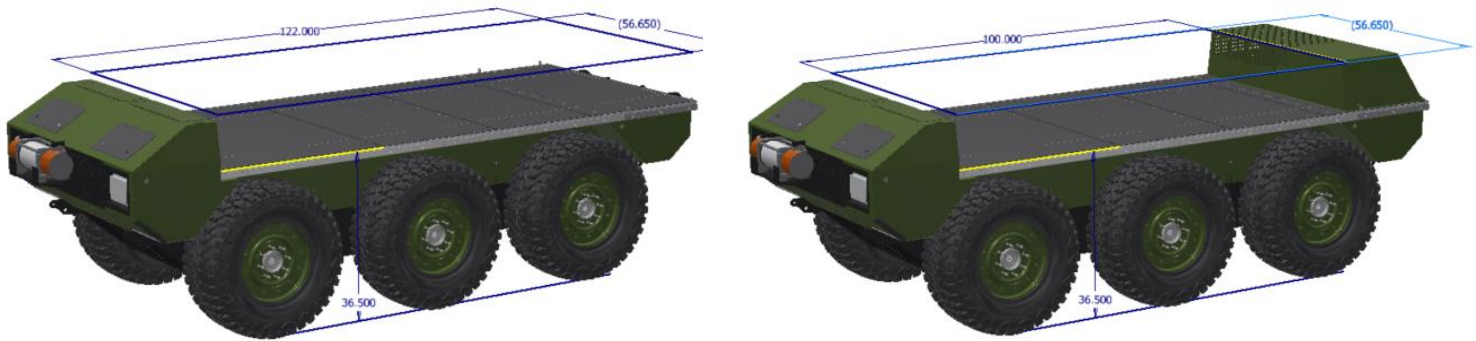




RAPTOR is a multi-purpose mobility platform designed to travel over extreme terrain in any weather conditions. Target environments include jungle, desert, arctic snow, tundra, swamp, and water conditions. A powerful integrated diesel generator (optional) provides continuous running capability, while a 96V battery pack allows the vehicle to be operated in an emissions-free, near-silent mode.

VEHICLE SPECIFICATIONS - UGV

Engine	Optional Kubota D902 Diesel, JP8 compatible
Top Speed	30 km/h
Battery Pack	Lead acid or Li-Ion, 7.2 kW-hr – 26 kW-hr
Maximum Payload	1,000 kg
Vehicle Gross Vehicle Weight	2,700 kg
Vehicle Curb Weight	1,700 kg
Vehicle Dimensions (L x W x H)	366 cm x 163 cm x 120 cm (152 cm width optional)
Ground Pressure	30 kPa
Fuel Capacity	68 liter fuel tank, consumption 2-4 liters/hour
Electrical Payload Power	24 volts, 3 kW exportable
Traction	Low pressure, high flotation pneumatic tires
Ground Clearance	27 cm, smooth underside
Load Deck Dimensions (L x W, Height from ground)	2.5m x 1.5m, 0.9m, with generator 3.1m x 1.5m, 0.9m, without generator
Accessories	Diesel Generator, 13 kW Sensor mast Front/Rear Mounted Winch, bilge pumps High Powered LED lighting options Helicopter lift points



PAYLOAD DECK DIMENSIONS



**HIGH CAPACITY ROAD-LEGAL TIRES MOUNTED ON DUAL BEADLOCK WHEELS
PROVIDE HIGH RELIABILITY IN ALL CONDITIONS – PAVEMENT, ROCKS, MUD, ETC.**

Key Features

Low Maintenance Powertrain – 200 - 400 hour service intervals, no grease points
Direct drive motors reduce maintenance requirements
Optional integrated diesel generator, 13kW DC output
Advanced cooling system eliminates overheating even in extreme conditions
Front and rear tiedown points included, optional helicopter lift points
Electric parking/emergency brake
Silent Mode Range (low speed, electric only): 20+ km optional
Single-lever central free-wheeling system and optional tow bar allows for towing at highway speed
CAN-controlled motor controllers
Digital gauge package with speed, temperature, voltage readouts
Accessible, removable electronics board
Maintenance-free, heavy duty wheel bearings





OPTIONAL REAR MOUNT DIESEL GENERATOR PROVIDES 13 KW OF ELECTRICAL POWER



LARGE PAYLOAD DECK; 1,000 KG OF PAYLOAD CAPACITY