

TAURUS

TRANSPORTABLE. REGENERATIVE. AUTONOMOUS.



SURVEILLANCE



CASUALTY EVACUATION



LOGISTICS



TAURUS is a multi-role Unmanned Ground Vehicle (UGV) that features customisable modularity and mobility through technological integration, ensuring enhanced adaptability. This next-gen autonomous and fully-electric vehicle is a centrally controlled platform that provides decentralised export power, serving as a versatile tool for surveillance, logistics and material transport, aiding in disaster relief, support for industrial spaces and event infrastructures. It is highly transportable - towable with regenerative charging on-the-move, optimising the vehicle's energy efficiency.



Natural Disasters; Wildfires; Landslides; CBRE incidents



Farms; Warehouses; Ports & Docks; Constructions



Camps; Critical Energy Infrastructures; Large Events

PAYLOADS AND USE CASES

Tethered Drone

Extend field of surveillance

High-Res PTZ Camera

Detect and report potential threats or suspicious activities

Legged Robot

Extend field of surveillance to perimeter beyond main road and in built-up areas

Logistics Rack

Collapsible, to accommodate other payloads after resupply or transport job completed



Security Patrol/Surveillance

Logistics Transport

Personal Stretcher

Casevac, bring injured personnel to medical centre

Foldable Medic Seat

Rider seat for paramedic

High-Res PTZ Camera

Provide visual overview

Genset

Provide extended operating endurance

Robotic Arm

Embedded camera + spotlight + force sensors for dedicate material handling



Casualty Evacuation

Material Handling

KEY FEATURES



Regenerative On-the-move Power Hub

- Towable with regenerative charging
- Fully charged upon deployment, function as a mobile generator to charge other assets e.g. UxVs



Wire-Driven Control / X-by-wire

- Platform autonomy
- Enhanced control capabilities
- Fail proof braking system using off-the-shelf (OTS) components



Electric Performance

- Fully electric all wheel drive, all wheel steer
- Independent drive units
- High voltage power supply, with easy expansion using range extenders
- Capable of export power (DC and/or AC)



Customisable Mobility

- Digitalised architecture
- Ready for insertion of autonomy or other AI modules

TECHNICAL SPECIFICATIONS

Dimensions	Length	2,950mm
	Width	2,100mm
	Height	1,100mm (Deck height 975mm)
Weight	Curb Weight	1,650kg
	Gross Vehicle Weight	2,650kg (Up to 2,900kg*)
Mobility Performance	Drive	4x4 Electric Drive
	Max Speed	40km/h
	Max Towing Speed	80km/h
	Gradient	60%
	Side Slope	30%
	Turning Radius	5m Curb-to-Curb
	Range	40km (Full electric); >100km (With range extender)
	Exportable Power for Payload Teleoperations Kit	Up to 20kW (Configurable; DC/AC) 2.4 GHz Radio Comms; Up to 1km range, line of sight; Control Tablet (Minimum 7" screen)
Add-on Option (Configurable)	<ul style="list-style-type: none"> • Range Extender (Battery / genset) • Autonomy Suite (Follow-me; waypoint navigation; obstacle avoidance capabilities) • Airless Tyres 	

*with reduced mobility

Note: Specifications are subject to change by the manufacturer without prior notice. Pictures shown are for illustration purposes only, actual product may vary.



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