

TAURUS

TOWABLE. REGENERATIVE. AUTONOMOUS.



SURVEILLANCE



CASUALTY EVACUATION



LOGISTICS



ST Engineering

TAURUS

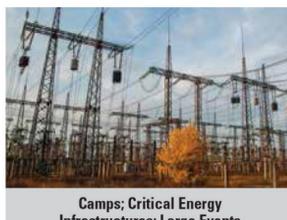
TAURUS is a multi-role Unmanned Ground Vehicle (UGV) that features customisable modularity and mobility through technological integration, ensuring enhanced adaptability. This next-gen autonomous and fully-electric vehicle is a centrally controlled platform that provides decentralised export power, serving 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

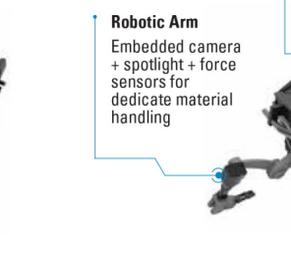
Provide visual overview

Genset

Provide extended operating endurance

Robotic Arm

Embedded camera + spotlight + force sensors for dedicate material handling



Casualty Evacuation

Material Handling

ST Engineering

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	3350mm
	Width	2000mm
	Height	1150mm
Weight	Curb Weight	1,600kg
	Gross Vehicle Weight	2,600kg (up to 2,900 kg*)
Mobility Performance	Drive	4x4 electric drive
	Max Speed	40 km/h
	Max Towing Speed	80 km/h
	Gradient	60%
	Side Slope	30%
	Turning Radius	5.3m curb-to-curb (front wheel steer)
	Range	30km (full electric); >100km (with range extender)
Add-on Option (configurable)	Battery Capacity	32kWh
	Export Power	up to 20kW (on silent watch, DC & AC)

*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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