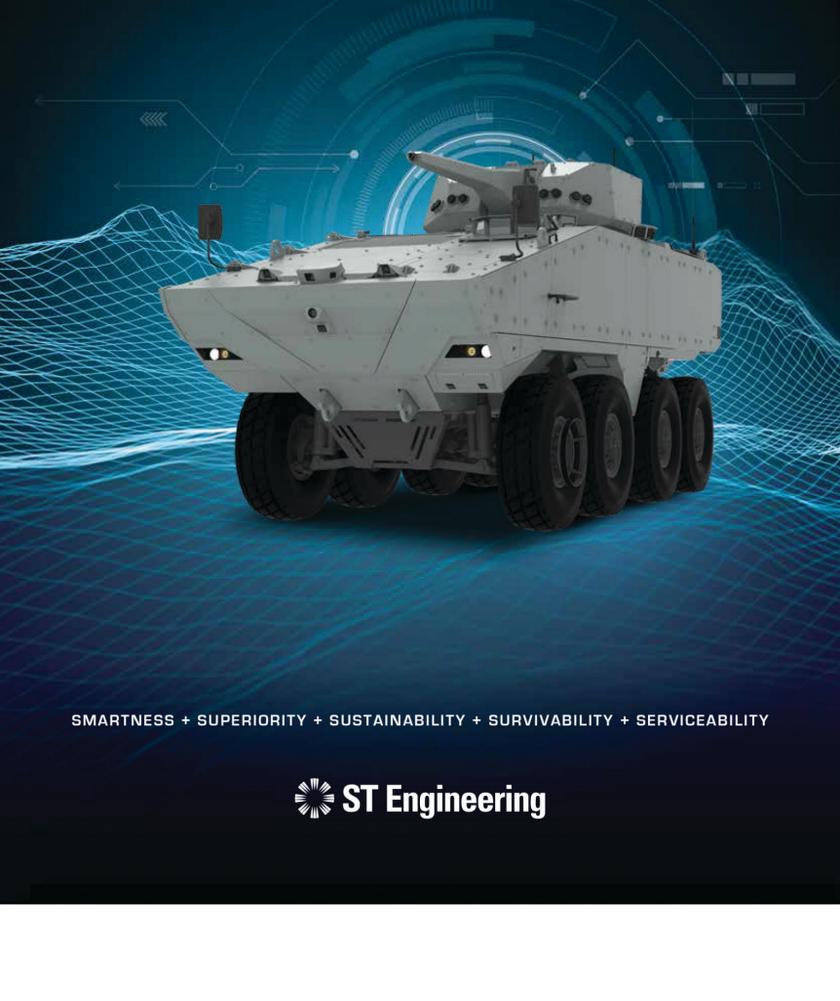


TERREX s5

DIGITISING TOMORROW'S BATTLEFIELD



SMARTNESS + SUPERIORITY + SUSTAINABILITY + SURVIVABILITY + SERVICEABILITY



CAPABILITIES OVERVIEW

SMARTNESS

Leverage intelligent technologies and advanced vetronics

- Advanced Multi-Mission Crew Stations
- 360° Situational Awareness
- Auto Target Detection & Tracking

SUPERIORITY

Support future-ready concept of operations

- Integrated Multi-Domain Connectivity
- Manned-Unmanned Teaming
- Configurable For Amphibious Operations

SUSTAINABILITY

Expand operational envelope for power/range and design with modularity

- Hybrid Electric Drive Ready
- Smart Power Management

SURVIVABILITY

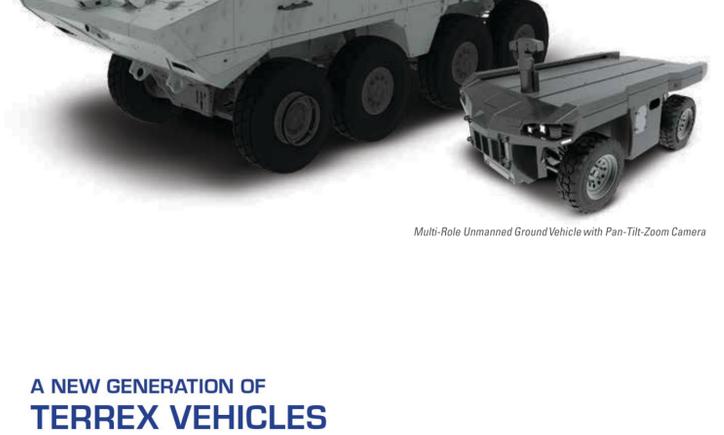
Protect with customisable systems

- Smart Defence System
- Positive/Negative Obstacle Detection Coupled with Low Light Image Enhancement
- Bird's Eye View with Object Bearing and Range Detection

SERVICEABILITY

Incorporate practical designs for ease of maintenance

- Condition-Based Maintenance with Health and Utilisation Monitoring System
- Smart Maintainability Features Enhancing Users' Operational Experience
- On-Board Diagnostics



Multi-Role Unmanned Ground Vehicle with Pan-Tilt-Zoom Camera

A NEW GENERATION OF TERREX VEHICLES

The Terrex s5 is the latest 8x8 Infantry Fighting Vehicle, powering tomorrow's battlefield with a focus on Smartness, Superiority, Sustainability, Survivability and Serviceability.

Equipped with ST Engineering's proprietary New Generation Power Processor (NGPP), it ensures intelligent power management without traditional fuses. The Terrex s5 sets a new standard with unmatched adaptability, integrating user-specific protection solutions, diverse weapon configurations and vehicular customisations. With outstanding mobility and advanced survivability, the Terrex s5 stands ready for the challenges of modern warfare.

TROOPER



COMMAND



ANTI-TANK GUIDED MISSILE



FIRE SUPPORT



MORTAR

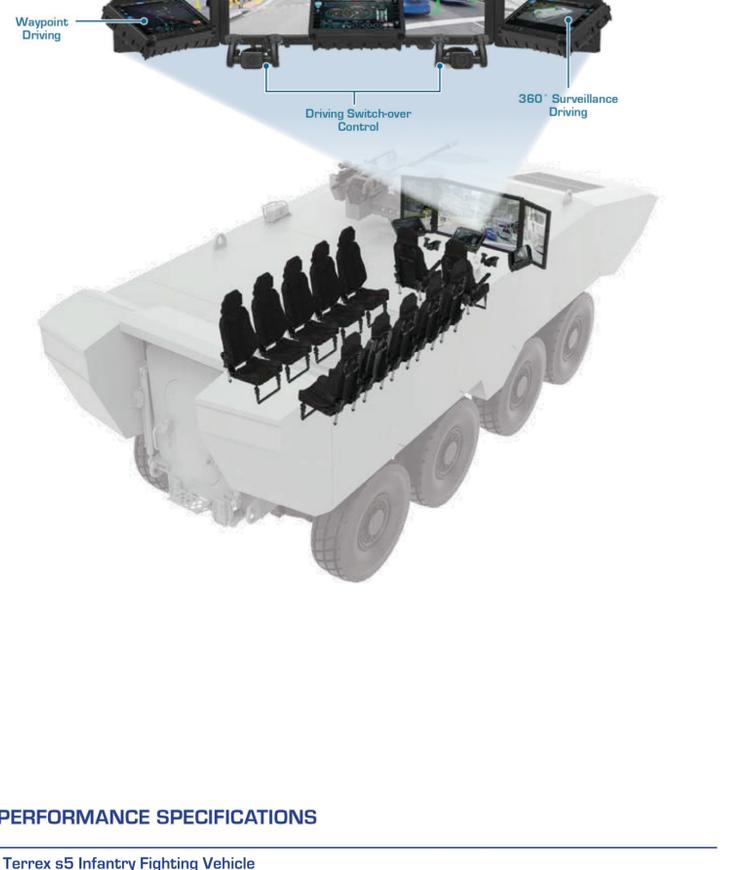


AMPHIBIOUS



FURTHER ENHANCEMENT WITH HYBRID ELECTRIC DRIVE OPTION

- Last-Mile Stealth Operations Enabled Through Electric Mode
- Extended Auxiliary System Power Capacity, Enabling New Operational Capabilities
- Improved Reliability And Maintainability Due To Fewer Moving Components And System Modularity
- Extended Silent Watch
- Increased Operations Range With Improved Fuel Efficiency
- Additional Internal Space To Allow Different Seating Configurations



PERFORMANCE SPECIFICATIONS

Terrex s5 Infantry Fighting Vehicle		
Dimensions	Length	8.3 m
	Width	3.0 m
	Height (without weapon)	2.7 m
Weight	Gross Vehicle Weight	35,000 kg
	Payload	13,000 kg
	Personnel	2 crews + 10 troopers
Protection	KE4 + MB 4a/4b. Customisable to other specification.	
Mobility System	Engine	Turbo Diesel
	Power Output	711 hp
	Gearbox	Automatic
	Gears	7 Forward, 2 Reverse
	Suspension	8-wheel independent suspension
	Steering	Hydraulic assisted power steering
Mobility Performance	Brake System	Pneumatic with Anti-Braking System
	Maximum Speed	120 kph
	Road Range	1,000 km
	Approach Angle	40°
	Departure Angle	40°
	Gradient	60%
	Side Slope	30%
	Vertical Obstacle	0.7 m
	Trench Crossing	2.0 m
Fording Depth	1.8 m	
Hybrid Option		
Power Plant	Range Extender with Lithium Ion Battery	
Power Output	1,200 hp	
Silent Range	50 km	
On-board Power	50 kW @ 28 VDC	
	450 kW @ 700 VDC	

