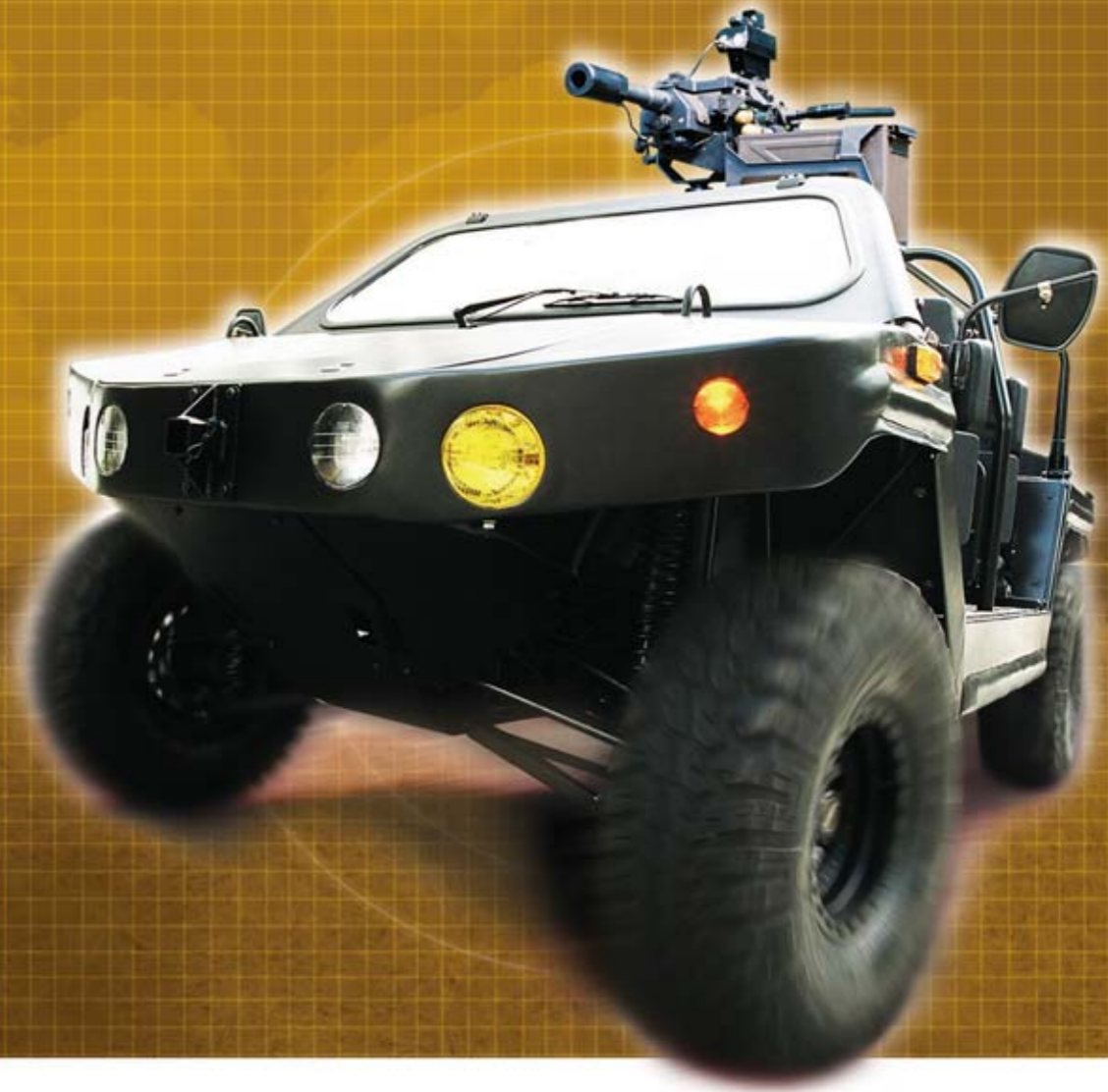


Technical Specifications

Chassis	Tubular Space Frame
Roll Cage	Foldable Tubular Frame
Engine	In-line 4 turbo diesel 2.8L Max Power: 130hp @ 3800 rpm Max Torque: 410Nm @ 1800 rpm
Transmission	Semi-Automatic
Suspension	Independent Front: Double Wishbone with single shock absorber Rear: Trailing arm with dual shock absorber
Brake System	All Disc Power Brake with ABS
Steering	Hydraulic Power Assisted
Cooling System	Radiator with hydraulic driven fan
Curb Weight	1600 kg
Payload	1200 kg
Crew Size	3-6 men
Overall Length	4500 mm
Overall Width	2030 mm
Overall height	1900 mm (roll-cage)
Turning Radius	6500 mm
Max Speed	120 km/h (on road) 80 km/h (off road)
Range of Operations	700 km
Gradient	60%
Side Slope(Dynamic)	50%
Fording	600 mm
Vertical Step	400 mm

Note: Specifications are subject to change by the manufacturer without prior notice.

SPIDER LSV



Spider Light Strike Vehicle

- Mobile
- Air Deployable
- High Payload
- Foldable roll-cage for stacking





Spider LSV



Mobile



Configurable roll-cage system



Accommodates various weapon mounts



Unmanned Spider

Mobile

With a new 130-hp engine, ST Kinetics' Spider moves faster and performs better in a variety of terrain condition such as mountainous, cross-country or desert terrain. The Spider LSV is based on a four-wheel drive design with improved, independent suspensions for better shock absorption and crew comfort. Capable of climbing 60% inclines, the Spider LSV is able to negotiate steep slopes. It can traverse side slopes of up to 50% , manoeuvring through dense vegetation with ease. Its low centre of gravity and top speed of 120km/h makes it ideal in providing close fire support for infantry troops and special operations forces. In addition, the Spider's environmentally friendly engine is certified up to Euro III emission standard.

Deployable

The Spider LSV light weight patented space frame greatly improves air portability, allowing it to be internally carried by transport aircrafts.

With a versatile layout that can accommodate up to 6 men, the Spider LSV's centre-drive design ensures more efficient utilisation of space and manpower onboard; compared to conventional left or right-hand drive models.

Multi role platform

The Spider LSV offers a high payload to accommodate a wide variety of weapon mounts for a range of weapons from heavy machine guns, grenade launchers to cannons. Its configurable roll cage system enables easy modification of the vehicle to suit a variety of missions that include attack, surveillance, reconnaissance, ambulance, emergency and combat support roles. Its "family of vehicles" concept enables commonality of parts for optimised logistics and maintenance support.

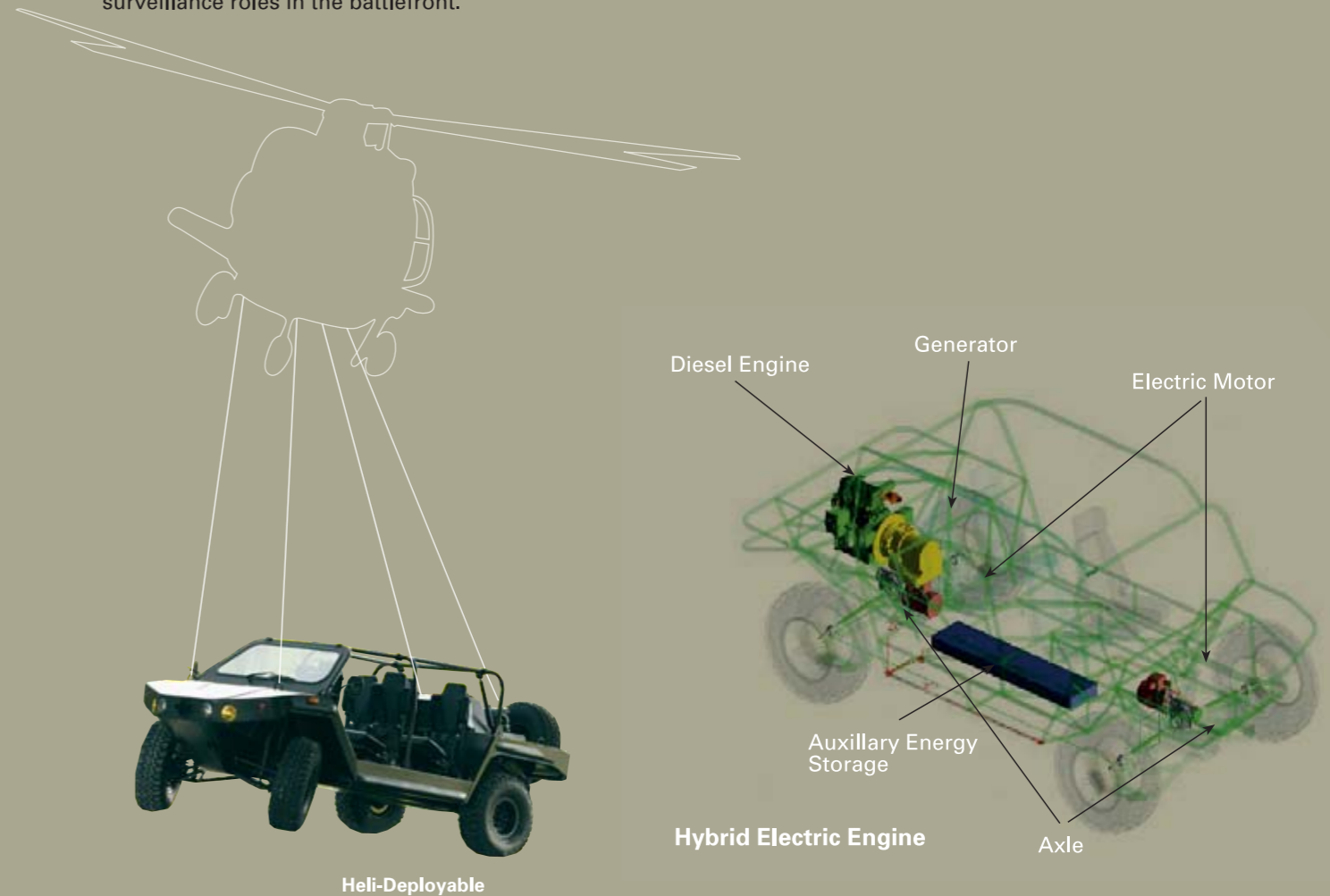
Safe

For added safety, the Spider LSV is fitted with vacuum assisted power brakes for better control over rough terrain. It is built with a removable windscreen for protection against the elements. As an added advantage, the Spider can also be easily fitted with capsulised armour for protection against small arms of up to 7.62mm.

Aside from a conventional power source, the Spider can also be fitted with a Motor Generator (MOGEN), a hybrid electric and motor unit. When operated on its electrical power, the MOGEN enables a vehicle to move in silent (stealthy) mode thereby increasing the survivability of its crew operating in the frontline. The MOGEN can also provide back-up power as an auxillary power source.

Unmanned options

The Spider LSV can also be configured for unmanned operations, as an effort to protect troops who need to perform surveillance roles in the battlefield.



Stacked for C-130 or helicopter portability



Versatile crew configuration



Protective Capsule

Family of vehicles



Civil Defence



LSV in desert terrain