



ALVIS SCORPION

LIGHT TANK FAMILY

ALVIS SCORPION - SPECIFICATIONS

DIMENSIONS

Overall Length (Hull)	4390mm
Overall Width	2260mm
Overall Height	2153mm
Width over Tracks	2146mm
Ground Clearance	400mm

ARMAMENT

Main Armament	Gun 76mm L23A1
Elevation	+35° to -10°
Traverse	360° (6400 mils)

AUXILIARY ARMAMENT

7.62mm machine gun L43A1
 Pintle mounted 7.62mm GPMG
 Smoke Dischargers 2 x multi-barrel covering 180°

AMMUNITION STOWAGE

45 rounds 76mm
 360 rounds 7.62mm
 16 x smoke grenades

Ammunition Natures	HESH, HE
Canister, Smoke and Practice	

OPTIONAL MAIN ARMAMENT

90mm MK III Cockerill Gun	
Elevation	+30° to -8° (+533 to -142mils)
Traverse	360° (6400mils)
Length - over rear mudflap (gun forward)	5080mm
30mm Rarden Gun	
Elevation	+35° to -10° (+622 to -178mils)
Traverse	360° (6400mils)
Length - over rear mudflap (gun forward)	4763mm

ARMOUR PROTECTION

Designed to withstand 14.5mm Soviet heavy machine guns and artillery shell splinters

PERFORMANCE

Maximum Road Speed	
80.5km/h (50mph)	
Acceleration	
(I) through gears: 0-48.3km/h (0.30mph)	in 18.5 seconds
(II) top gear: 48.3-64km/h (30-40mph)	in 26 seconds

Range on Roads

In excess of 866km (600 miles)	
Vertical Obstacle	500mm

AUTOMOTIVE

Engine Type	Diesel
No. of Cylinders	6 in line
Capacity	6 litres
Maximum Power	134kW at 2600 rev/min
Maximum Torque	618Nm at 1800 rev/min

CLUTCH

Type	Centrifugal clutch
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The Company reserves the right to change these specifications



MULTI-ROLE
CAPABILITY

STRATEGIC
DEPLOYMENT

PARACHUTE
QUALIFIED

TRUE ANTI-ARMOUR
CAPABILITY

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RAPID REACTION

Scorpion is a highly sophisticated reconnaissance vehicle and light tank. A 90mm gun and two 7.62mm machine guns enable the vehicle to engage a wide variety of targets, fight for information and provide infantry fire support. High speed, low silhouette and a combined day/night sight with laser rangefinder allow the 3-man crew to operate with great effectiveness and flexibility in all phases of engagement.

Manufactured in light aluminium armour, the Scorpion is protected against heavy machine guns, mines and artillery shell bursts.

Scorpion can be configured to meet the armament requirements of individual customers ranging from 25mm cannon to 90mm guns.

Designed for a multi-role capability it provides the commander with reconnaissance, fire support, escort duties, armour in advance and withdrawal and support within internal security roles.

