



SOV is TEKNE's proposal for a Light Strike Vehicle, thought to be used for Special Operations and crucial in roles when other platforms like armoured and heavier vehicles cannot compete.

In confront to other military vehicles it proves in fact higher manoeuvrability and speed, and it is perfect for rugged and extreme off-road terrain.

It brings a crew of up to 10 people, 2 seating in front and 6 or 8 seats on the rear, depending on the configuration requested.

SOV

A special vehicle for
Special Operations

4x4
Tactical Vehicle
for Special Operations

by TEKNE
made in Italy



www.tekne.it
sales@tekne.it



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4x4
Tactical Vehicle
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TECHNICAL DETAILS

Chassis and mechanics

Drive	LHD
Driveline	4x4
Engine	Cummins, 6.7L I6 Turbo Diesel In-line 6-cylinder design OHV, 24 valves, solid lifters Max power 325 Hp @ 2900 rpm Max torque 750 lb-ft @ 1600 rpm Heavy duty engine cooling
Fuel Tank	197L (52 gal)
Transmission	Aisin AS69RC HD, Automatic 6 speed Transmission oil cooler
Transfer case	Manual shift-on-the-fly transfer case (2 speed)
Rear axle	Antispin differential rear axle
Brakes	front: 360 x 39.1 mm Disc, hydraulic assisted, ABS rear: 358 x 34 mm Disc, hydraulic assisted, ABS
Suspensions, front	F"3-link" front suspensions, with front stabilizer bar, twin-tube shock absorbers and solid axle
Suspensions, rear	leaf springs rear suspension with solid axle
Tires	275/80R20 MPT Continental MPT 81 O.D. 37.40" (950 mm) Tread width 10.43" (265 mm) Load index 134 (2120 Kg) Speed index K (110 Km/h)
Steering	Power-assisted recirculating ball
Electrical System	12V 180A alternator 730A batteries, maintenance free



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Body

Protection level	robust structure (roll-bar) made of steel tubes. the front cell and the rear are independent and connected with the chassis by 4 silent blocks for every cell. the front cell and the rear are independent and connected with the chassis by 4 silent blocks for every cell.
Sideboards	2x heavy walkable sideboards
Seating	Configuration A: 2 seats in front + 8 seats on the rear. Configuration B: 2 seats in front + 6 seats on the rear. Ergonomic seats (synthetic leather), with 4 points seat belts.
Toolboxes	Toolboxes with key lock (flowered stainless steel structure)
Water tank	70L drinkable water
JerryCans	Total 120L (6 x 20L)

Dimensions

Total length	6335 mm
Wheelbase	3645 mm
Front overhang	1070 mm
Rear overhang	1620 mm
Total width	2130 mm
Tread width - tires	1668 mm
Total height	2500 mm

Weights

Tare, curb weight	Configuration A: 4680 kg (without fuel and driver) 1° axle: 2440 Kg 2° axle: 2240 Kg
GVW (Gross Vehicle Weight)	6364 Kg (14000 lb)
Payload	approx 1.700 Kg

Performances

Max Speed	approx 65 Kmh in low range approx 150 Kmh in high range tires rated speed 110 Kmh
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