



ALIGATOR 4X4 MASTER II

ALIGATOR 4x4 MASTER II is a multirole armoured vehicle for armed and special forces that features supreme properties in its class. It has optimal combat weight with massive payload properties and spacious interior for the crew plus inner equipment, surprisingly low silhouette and impressive ground clearance.

Excellent track and terrain performance is achieved through independent axles, special suspension system and large wheels with run flat tyres including a central tyre inflation system. All these attributes create a vehicle that has outstanding cross country mobility, superb manoeuvrability, high speed capability, survivability and simple rapid deployment. The vehicle is amphibious ready and upon request can be delivered as fully amphibious. Our unique monocoque hull structure provides excellent all round ballistic protection and the V – shaped underbody delivers additional protection for the crew against mines. Thanks to its unique properties this vehicle is suitable as a platform for a wide range of deployments such as command, surveillance, reconnaissance, weapons station, CBRN and police.



BASIC TECHNICAL PARAMETERS

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Type / Class	4x4 armoured wheeled transporter
Main features	amphibious ready (fully amphibious upon request), 3 or 5 doors, left hand drive (right hand upon request)
Seating	2 to 9 seats based on the requirements
Dimensions	
Length	5 800 mm
Width	2 499 mm
Height	2 530 mm
Track	2 054 mm
Ground clearance	400 mm
Weight	
Combat	12 000 kg
Unloaded / Payload	8 870 kg
Payload	3 130 kg
Speed (tarmac, concrete, etc.)	130 km/h sustainable (142 km/h limited by tyres)
Range (tarmac, concrete, etc.)	minimum 700 km
Gradient	100%
Obstacle overcoming	side slope 40% trench 0,85 m vertical 0,40 m
Turning radius	tracked 7,8 m shaped 8,2 m
Angle of approach / departure	land 70° / 42° above water 15° / 20° below water 15° / 20°
Fording (without preparation)	1,5 m
Ballistic protection	STANAG 4569 Level I Level II or Level III with add-ons
Mine protection	STANAG 4569 Level 1 Level 2B with add-ons
Engine	EURO 3 inline six cylinder, diesel, turbo charged, liquid cooled
Maximum power output	185 kW / 2500 rpm
Maximum torque	925 Nm @ 1 200 to 1 500 rpm
Displacement	6 700 cm³
Gear box	automatic 6 gears forward 1 gear reverse
Axles & Differentials	independent axles cooled differentials
Brakes	twin circuit, power assisted, hydraulic control
Tyres	tubeless with run flat and CTIS
Steering	ZF - Servocom 8098
Electrical system	24V CAN BUS with diagnostic system