



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