

Type: Carrier, Personnel, Armored, 4x4 Nomenclature: MOWAG Piranha 4x4 Model 1972

Country: Switzerland Date of Introduction: 1973

Physical Data:

Weight:

Empty ..... 12841 lbs (5830 kg)  
Loaded ..... 15419 lbs (7000 kg)  
Length (OA) ..... 207 in (5260 mm)  
Width (OA) ..... 98 in (2500 mm)  
Height (OA) ..... 73 in (1850 mm)  
Ground Clearance .. 15.5 in (390 mm)  
Wheel Base ..... 98 in (2500 mm)  
Wheel Tread .....  
Drive ..... 4x4  
Armor .....  
NBC Protection .... Vehicle over-  
pressure system

Armament:

Main - Cal ..... Light machine gun  
as fitted  
Model .....  
Elevation ..... Manual  
Traverse ..... Manual  
Fire Control ..... Optical  
Aux wpn - Cal ..... Individual

Capacity:

Fuel ..... 72.5 gals  
(275 Liters) gas  
Ammo/Qty .....  
Crew/Passengers .... 2/7

Engine:

Type ..... Gasoline (later  
Detroit diesel)  
HP at Rev/Min ..... 190 hp  
@ 4,000 rpm  
Mfr .....  
No. of Cyls .....  
Location ..... Right front  
Cooling ..... Liquid

Transmission:

Type ..... Manual (later  
Allison automatic)  
Speeds Fwd/Rev .... 5-Fwd/1-Rev  
Mfr ..... Chrysler

Suspension System:

Type ..... Torsion bar  
and coil spring  
Wheels Steerable .... Front pair  
Turning Radius ..... 36.7 ft (11.2 m)  
No of total wheels ... 4  
Tire Size ..... 11.00x16 runflat

General Data:

Elec Voltage ..... 24 V  
Intercom ..... Yes

Night Vision Devices:

Driver & Cdr ..... IR

Performance:

Speed/Land ..... 62 mph (100 km/h)  
Speed/Water ..... 6 mph (9.5 km/h)  
Range ..... 466 miles (750 km)  
Fording Depth ..... Amphibious  
Max Grade .....  
Trench Crossing .....  
Step .....



Remarks: Developed as part of the MOWAG Piranha family during the early 1970s, the 4x4 version failed to arouse any real interest. While the 6x6 and 8x8 versions went into quantity production for a number of different countries, it appears that only Liberia purchased an unknown number of 4x4 variants.

Usage: Only used by Liberian Army until country collapsed into civil war.

Manufacturer: MOWAG AG, Switzerland.

Above: Original MOWAG Piranha 4x4 Mod 1972, circa 1973 as an armored personnel carrier. The vehicle was fully amphibious and was propelled in the water by a pair of propellers. (Photos: MOWAG AG)