

Type: Carrier, Personnel, Armored 4x4 Nomenclature: **Saymar Genda 290S**

Country: Israel Date of Introduction: 2006

Physical Data:

Weight empty 7166 lb (3250 kg)
Weight loaded 8555 lb (3880 kg)
Length (OA) 162.5 in (4132 mm)
Width (OA) 73 in (1852 mm)
Height (OA) 80.7 in (2050 mm)
Ground clearance 9.25 in (235 mm)
Wheel base unk
Wheel tread unk
Drive 4x4
Armor Proof against
7.62mm Ball
NBC protection As fitted by user

Armament:

Main – Cal (1) 7.62 mm LMG
Elevation & traverse Manual
Fire control Optical
Aux wpns Crew side arms

Capacity:

Fuel Diesel (est) 25 gals

Ammo/Qty unk
Crew/Pass 2/4
Cargo Vol/Wgt 1389 lb
(630 kg)

Engine:

Type Diesel
HP at Rev/Min 75 hp (55.4 kW)
Model OM-616
Mfr Mercedes-Benz
No. of Cyls 4
Location Front
Cooling Liquid

Gear Box/Transmission:

Type Manual
Gear Fwd/Rev 5/1
Model G-18
Mfr Mercedes-Benz

Suspension System:

Type Coil/leaf spring
Steering Power, Front axle
Turning radius unk
No/wheels 4
Tire Size 7.50XR16

General Data:

Elec voltage 12V
Radio As fitted by user

Night Vision: *Passive/Optical*

Performance:

Speed/Land (est) 62 mph
(100 km/h)
Speed/Water n/a
Range (est) 500 mi
(804 km)
Fording depth (est) 18 in
(457 mm)
Max grade unk
Trench unk
Step unk



Remarks: The 4x4 Genda 290S is a lightweight-armored personnel carrier developed in 2005 by Saymar Ltd of Israel and based on a cross-country chassis of Force Motors Ltd., of India. Most of the components of the Force Motors chassis are based on proven Mercedes-Benz sub-assemblies allowing for commercial acquisition of parts. Meant for a relatively low-intensity conflict, the Genda would be well suited for military and/or civilian police; internal security operations and border patrol. Armor for the Genda is of fully welded armor steel, which includes the engine and transmission area as well as the crew compartment. To help simplify maintenance and body repair, the

Above: Saymar Genda light armored vehicle prototype. (Photos: Saymar Ltd.)

complete armor steel body can be removed as a unit. Auxiliary equipment includes a rear observation camera (with receiver within view of the driver), an air-conditioning unit and searchlight. The six-man crew is divided between the driver and commander at the front and the four passengers at the rear. Firing ports are provided at the sides and rear as well as the roof mounted 7.62mm light machine gun.

Usage: Prototypes only, as of 2006 no series production.

Manufacturer: Saymar Limited, 16 Moshe Dayan Street, Petach-Tikva 49518 Israel. URL: www.saymar.co.il