

*Type: Vehicle, Reconnaissance Nomenclature: **Gaicho LSV**
Country: Argentina/Brazil Date of Introduction: 2006*

Physical Data:

Weight:
 Empty 3,304 lbs (1500 kg)
 Loaded 4,626 lbs (2100 kg)
 Length (OA) 163 in (4150 mm)
 Width (OA) 83.5 in (2120 mm)
 Height (OA) 67 in (1700 mm)
 Ground Clearance .. 14 in (360 mm)
 Wheel Base 110 in (2800 mm)
 Wheel Tread
 Drive 4x2 or 4x4
 Armor
 NBC Protection ... Individual

Armament:

Main – Cal (1) 7.62 mm LMG
 or (1) .50 cal (12.7 mm) HMG

Model
 Elevation Manual
 Traverse Manual
 Fire Control
 Aux wpn – Cal

Capacity:

Fuel Diesel
 Ammo/Qty
 Crew/Passengers ... 3 to 4

Engine:

Type Turbo charged
 inline diesel
 HP at Rev/Min
 Model T CA
 Mfr MWM
 No. of Cyls 4
 Location Front
 Cooling Liquid

Transmission:

Type Manual w/2-spd
 trnsf case
 Speeds Fwd/Rev ... 4/1
 Model
 Mfr

Suspension System:

Type Independent coil
 Wheels Steerable Front pair
 Turning Radius
 No of total wheels ... 4
 Tire Size

General Data:

Elec Voltage 12V

Night Vision Devices:

Driver Individual
 Commander Individual
 Gunner Individual

Performance:

Speed/Land 74.5 mph
 (120 km/h)
 Range 311 mi (500 km)
 Forging Depth 19.5 in (500 mm)
 Max Grade 60%
 Trench Crossing
 Step 16.5 in (420 mm)



Remarks: Started in 2004, introduction of the "Gaucho", a Light Strike Vehicle (LSV) for the Argentine and Brazilian armies occurred on 25 April 2006. The vehicle has characteristics similar to LSVs used by US and UK units during the Gulf War in 1991; and will complete reconnaissance, air assault, command and control, transport and evacuation missions. Air transportable the Gaucho was constructed with parts available in Brazil and Argentina, allowing for reduced development time and production costs. The diesel-powered prototype has a frame of tubular construction with built in roll cage, and selective 4x4 or 4x2 drive. While the independent suspension allows movement on varied surfaces.

Argentina was responsible for the design and construction of the chassis, engine mounts, transmission, steering and suspension. After the

Top: The Gaucho Light Strike Vehicle with 7.62mm LMG and airborne soldiers. Above: Rear view showing the extra wide fenders and running board to allow positioning another Gaucho on top to aid air loading and movement. (Photos: Brazilian Army)

first evaluation, in June of 2005 the vehicle was flown to Rio de Janeiro, there the Brazilian military engineering department developed and installed the brake system, engine, transmission and transfer case, as well as the cooling system, electrical system, fuel, armament and accessories.

Usage: Two prototypes have been completed, with full production for Argentina and Brazil to start in 2006.

Manufacturer: (Brazil) Technological Center of the Army (CTEx). (Argentina) Dirección de Investigación Desarrollo y Producción of the Army.