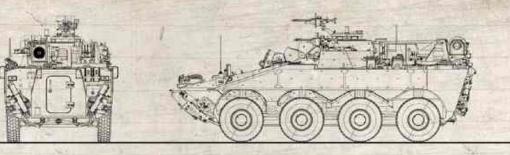
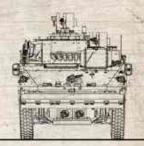
CENTAURO ARV





Dimensions

Length		8.25 m
Height	(hull)	2.04 m
	(with manual turret)	2.75 m
Overall Width		2.99 m
Ground clearance		0.41 m
Wheelbase		2.50 m
Approach angle		30°
Departure angle		35°
Seats	1+3	

Weight / Volume / Payload

Empty weight	23,0 t	
Payload	7,0 t	
GVW (Maximum)	30.0 t	
Internal volume		
2 rooms (crew volume)	7 m ³	
(technical volume)	6 m ³	

Performance

Max. speed (paved road)	110 km/h
Fording depth	
(without preparation)	1.5 m
Turning circle radius	
(curb to curb)	< 9.0 m

Mobility

Engine	gine IVEC0 826	
	6V turbocharged after cooler	
Fuel	Diesel fuel / JP8	
Power	405 kW (550HP)	
Torque	2100 Nm (202 kgm)	
Gearbox	Automatic type	
Number of ge	ears 5 + 2 r.	

Driveline / Suspension

Single-differential twin-shaft design (H-shaped driveline) Hydro-pneumatic and independent suspension Steering on 1st - 2nd and 4th axle All - disk "Full - Power" braking system

Wheels

14.00R20 XZL/XML Run-flat VFI system Central Tyre Inflation System (CTIS)

Survivability

Low vehicle profile High hardness monocoque steel hull Direct fire ballistic armour (base level) AT mines protection (base level) Anti-mine seats Laser warning system Smoke Grenade 8x80mm launchers

Mission Equipment

Main Hydraulic Winch 100 m long (30 t) Auxiliary winch Hydraulic crane (25 tm) APU 5 kW (DC and AC output) NBC protection (collective with individual backup) Fire Extinguishing/Anti-explosion system in crew cabin Auxiliary heater Anti-explosion/fuel tanks Direct fire ballistic armour (advanced level) AT mines protection (advanced level) Specific IED protection suite

Rear ramp Frontal blade for barricades, ground leveling, lifting up the vehicle Stabilizers 2 rear located Points for quick electrical, hydraulical and pneumatical connections Tanks for liquid reserves Sets of auxiliary tools In emergency possible to transport an auxiliary powerpack or 1m³ of water

Armament

External n° 2 MG 7.62 mm or 5.56 mm one trough a cupola, the 2nd on a rail

Grenade launchers

n° 8 for 80 mm

Gunner sights

Episcopes around the hatch

Driver sights

n° 3 episcopes in front of the hatch night vision goggles