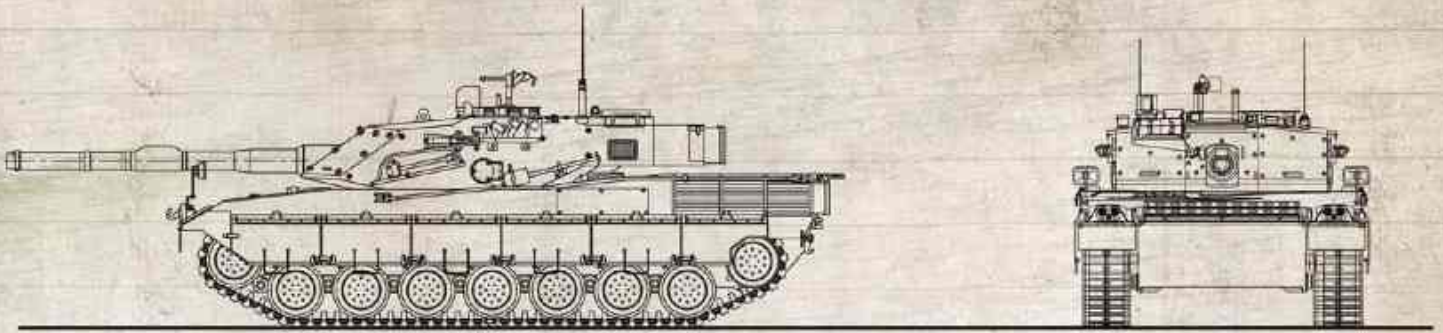


ARIETE MBT



Dimensions

Length	
with or without barrel	9.87/7.99 m
Height hull	1.82 m
Height with turret	
(panoramic sight)	2.50m/(2.86 m)
Overall Width with fender	3.61 m
Overall Width without fender	3.42 m
Ground clearance	0.48 m
Wheelbase	2.80 m
Approach angle	40°
Departure angle	40°
Seats	1 + 3

Weight / Payload / Volume

GVW (base configuration)	54 t
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Performance

Max speed	65 km/h
Gradient	60%
Side slope	30%
Range on road	550 km
Step	1.1 m
Trench	3 m
Fording depth	
without preparation	1.20 m
Fording depth	
with preparation	2.1 m
Turning radius	Pivot
Power to weight ratio	
(in combat order)	24.1 HP/t

Mobility

Engine	IVECO V-12 MTCA
Fuel	Diesel fuel
Power	956 kW (1300HP)
Torque	4615 Nm
Gearbox	ZF LSG 3000 Automatic type
Number of gears	4 + 2

Driveline / Suspension

Hydraulic brakes
 actuated with transmission retarder.
 Torsion bar (1, 2, 3, 6 and 7 road wheel
 stations have hydraulic shock absorber).

Survivability

Laser warning system
 NBC system
 Night vision equipment

Turret

Crew

3 men (commander, gunner and loader)

Armament

Main armament	120/44 smoothbore gun
Coaxial	
machine gun	1x7.62 mm machine gun
AA machine gun	1x7.62 mm machine gun
AA pintle mounted	1x12.7 mm machine gun
Smoke grenade launchers	4x2

Ammunition

All standard NATO kinetic and chemical	
Ammunition stowage 120 mm	42
Coaxial and AA MGs	>2400 rds
Smoke Grenade	8

Electrical servo systems

Training arc	unlimited
Elevation arc	-9° / +20°
Training speed	
(acceleration)	1.2 rad/s / (1 rad/s ²)
Elevation speed	
(acceleration)	1.2 rad/s / (1 rad/s ²)