



**Iveco - Oto Melara** Società Consortile a r.l.

The ARIETE is a second generation main battle tank characterized by high performances, advanced armour protection and significant fire power.

It was designed and manufactured by the Italian Consorzio Iveco Fiat-Oto Melara according to Italian Army specifications.

Both hull and turret are made of welded steel with the latest composite armour on the frontal arc. Protection is increased by using war and peace support ballistic add-on.

The power pack incorporates an Iveco V-12 MTCA turbocharged intercooled 12 cylinder diesel engine that develops 1275 hp and is directly coupled to a fully automatic transmission. This provides four forward and two reverse speeds, allowing 3 ranges of steering radius and pivot as well as a double differential steering system with a hydrostatic drive and a hydraulic retarder.

The suspension uses a torsion bar system.

An Oto Melara 120mm smooth-bore gun is located in the centre of the hull which is stabilized on both axes.

A 7.62 mm machine gun is mounted coaxially to the main armament and up to two MG weapons can be mounted on the turret roof for local and air defence.

The gun can fire chemical and kinetic energy penetration type ammunition from any manufacturer.

The Fire Control System includes a panoramic periscope, a self stabilized optical sight with IR camera for day and night operations and a digital fire control computer.



## ARIETE MAIN BATTLE TANK

