

Leopard 2PL

The MBT Leopard 2PL is mainly tasked to assault and maintain terrain, supporting mechanized and motorized subdivisions is realized with its on-board weapon systems in all weather conditions both during the day and night.

Leopard 2PL version is modernization of Leopard 2A4 tanks already serviced in Polish Army.



Compared to the Leopard 2A4, upgrade includes following issues:

- modernization of the commander's and gunner's sight
- additional ballistic modules on the turret
- replacement of the hydraulic stabilization system to new electric system
- installation of modernized Fire Extinguishing and new Fire Suppression systems
- implementation of a new commander's control and monitoring system
- implementation of Auxiliary Power Unit - APU
- new turret stowage compartment for crew equipment and customized towing-evacuation equipment to the increased weight of the tank
- modernization of main gun with its adaptation to the new types of ammunition
- implementation of the day-night drivers rear camera.



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Technical Data

Crew _____ 4 men

Dimensions

Length _____ 9 670 mm
Height to top of weapon station _____ 3 050 mm
Width _____ 3 750 mm
Combat weight, (calculated) _____ 59 203 kg
Engine _____ MTU-MB 873
Performance _____ 1 100 kW

Performance Data

Maximum speed _____ 68 km/h
Gradient driving ability longitudinal _____ 60 %
Gradient driving ability transversal _____ 30 %
Ramp angle front _____ 31°
Climbing ability _____ 1,10 m
Trench crossing ability _____ 3,00 m
Fording ability _____ 2,25 m

Operational range

On road _____ >500 km
Off road _____ approx. 300
Main armament _____ Rheinmetall 120 mm smoothbore gun L/44



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