

Universal modular tracked platform

Polish Universal Modular Tracked Platform with 30 mm gun turret and anti-aircraft missile launcher "SPIKE" is a modern solution for the present battlefield. Implemented systems like crew protection system, transmission system, suspension classify the vehicle as one of the best combat vehicles around the world in its class. The universalism of the proposed platform allows to adjust the vehicle to current needs and demands of armed forces.



Constructions features:

- Increased possibility to develop vehicle interior by adding additional storage spaces
- Increased driver's working ergonomics
- Possibility of providing additional coupling on hull's for engineering equipment like bulldozer or trawl
- Decreased thermal signature of exhaust gases by providing system for mixing them with air from cooling system
- Possibility to use additional composite armor modules to protect all parts of hull
- Possibility to decrease radar detection by using special paint with microwave absorber

Equipment:

- OBRUM sp. z o.o original suspension: Shock absorbers with elastic bumpers - optionally hydropneumatic suspension
- Generator and air condition adapted to operate in "silent mode"
- 120kW of deck electric power grid allow to adapted chassis as radar systems, stun weapons or command vehicle
- Modified NBC systems
- fast mounting system for additional armor
- modern cooling and fan control system

General parameters

Combat weight with basic armour	28 Mg
Combat weight with additional armour	34 Mg

Ballistic protection according to STANAG 4569 standard:

With basic armour	4
With additional armour	5
Crew	max. 3 persons + 8 assault soldiers
Chassis length	7,2 m
Width	3,3 m
Height up to top of turret	2,6 m
Ground clearance	0,45 m

Performance

Max forward speed	70 km/h
Gradeability	60 %

Main armament (proposal)

- main armament (proposal): 1 x 30 mm Bushmaster Barrel
- coupled: 1 x 7,62 x 51mm UKM 2000C
- smoke grenade launcher 6 pieces
- warning and self-defence system OBRA III

Control:

- horizontal N x 360° continuous
- barrel inclination angle -5° to +60° with mechanical and electric position limiter

Additional turret armament :

- antitank SPIKE missile