PASARS

Self-propelled air defence system

Combined self-propelled air-defence system PASARS 16 is designed for the escort and protection of armored and mechanized units against aerial attacks. System can also be used against ground targets.

System's combined weaponry consists of modified automatic gun 40 mm L/70 BOFORS (with new, double row magazine of enhanced capacity) and dual launcher of infrared homing anti-aircraft missiles, on the same rotating platform mounted on modernized FAP 2026 vehicle of high mobility and safety features, with new, armored low profile cabin.

System PASARS 16 is characterized by high mobility, short reaction time and great effectiveness on aerial targets while stationary and by making short stops – using homing guidance missiles at the range of 12000 meters and a 40 mm gun at the range of 3700 meters, in day and night conditions.

System is equipped with GPS device for determining the standing point and North direction, as well as with modern, digitized radio devices for remote reception of target data from surveillance-acquisition GIRAFFE radar and higher level command and information system.

BASIC TACTICAL-TECHNICAL SYSTEM CHARACTERISTICS

• Gun caliber (mm)	40
• Barrel length (cal)	70
• Theoretical rate of fire (round/min)	300
• Traverse	unlimited
• Depression/elevation	–4° to +90 °
• Maximum elevation angular velocity	45°/s
• Maximum traverse angular velocity	85°/s
• Missile guidance type	infrared homing
• Missile diameter (mm)	127
• From marching to combat mode (and vice versa)	2 min
• System mass	17000 kg
• Operating temperature range	–30 °C to +50 °C

YUGOIMPORT SDPR J.P.

Should you have any further enquires, please do not hesitate to contact us at **fdsp@eunet.rs**