



SYSTEM PASARS

(ANTI-AIRCRAFT ARTILLERY-ROCKET SYSTEM)

The primary use of PASARS system is protection of army units, chiefly armored-mechanized and artillery-missile units during execution of combat activities, and defence of important facilities and installation against air attacks. The system is housed on an armored chassis FAP with 6 x 6 drive. The armored turret is located at the rear of the armored vehicle. There are two types of this system, one with the anti-aircraft missile system, such as "Šilo 9K38" and "Strela 2M", and one with the anti-aircraft missile system "Mistral". Both of them have the integrated 40 mm Bofors cannon.



System for automatic stabilization and levelling

- Possibility of engagement using surveillance acquisition radar "Giraffe"
- Autonomous engagement with or without optic target indicator
- Night/thermal camera with digital zoom
- Laser range finder LRF up to 5 km

TECHNICAL CHARACTERISTICS:

| | | |
|---|------------------|---------------------|
| Weight, kg | 18500 | |
| Length, m | 8 | |
| Width, m | 2,5 | |
| Height in traveling position, with built-in storage, m | 3,9 | |
| Height in traveling position, without built-in storage, m | 3,2 | |
| Height of cannon fire line, m | 2,75 | |
| Height above ground (clearing), mm | 375 | |
| The slope that the system can overcome, % | 60 | |
| Maximum speed on-road, km/h | 100 | |
| Maximum speed on macadam country road, km/h | 25 | |
| Maximum speed off-road, km/h | 15 | |
| Firing speed, rounds/min | 240÷330 | |
| Maximum firing range for Bofors 40 mm, m | 4000 | |
| Angle range | per direction, ° | unlimited (n x 360) |
| | per elevation, ° | 10÷70 |
| Maximum range for Šilo 9K38, m | 5200 | |
| Maximum range for Strela 2M, m | 4200 | |
| Maximum range for Mistral, m | 7500 | |

