



## Rosoboronexport at Defexpo India 2012

Rosoboronexport, JSC is going to present at the Defexpo India 2012 Land, Naval & Internal Security Exhibition (29 March - 1 April) more than 150 military-purpose products.

Since the first Defexpo India in 2000, Russian enterprises have been regularly taking part in this major trade event in the Asia-Pacific Rim. The region accounts for 43 percent of the total Rosoboronexport's deliveries for export in 2011, and India is the largest importer of Russian military equipment.

«Competition has been on the rise in recent years. This is an objective process since Indian market is a strong attraction for manufacturers. It should be added that its tender terms and conditions are very demanding. Therefore, the fact that we are winning a considerable part of them testifies to high quality of Russian products as well as to efficiency of our marketing strategy", - marked Victor Komardin, deputy director general of Rosoboronexport and head of the delegation.

A display of the upgraded T-90S main battle tank will be the central event at the exhibition. For its demonstration "Uralvagonzavod Research and Production Corporation", JSC has set up a separate exposition with a full-scale prototype of the new tank in desert environment. Its spectacular multimedia presentation has been developed with the participation of Rosoboronexport's specialists and will be run for foreign delegations.

A new tank turret is the main upgraded tank component. The turret is fitted with a new automated fire control system, a more precise 125-mm gun, a remotely controlled 7.62-mm machine gun, and a new explosive reactive armour providing an enhanced level of counteraction to all existing antitank guided missiles, as well as additional protection from high-precision weapons, mines and field charges. Thanks to commander's stabilised panoramic sight, gunner's multichannel sight, and all-round surveillance system the automated fire control system provides effective day and night target detection, identification and engagement at halts and on the move. The tank controllability is greatly improved due to installation of an automatic gearbox and a steering wheel sweep drive. The upgraded T-90S tank is powered by a 1,130-hp diesel engine. It is also fitted with an auxiliary diesel-generator unit which powers the tank at station, thus both saving tank fuel consumption and considerably decreasing its infrared signature. Tank designers have also managed to retain the traditional advantage of Russian tanks: small weight and dimensions. For the time being the upgraded T-90S is the best tank in the international arms market, judged by the combination of its characteristics.

Rosoboronexport specialists expect that the first public presentation of the upgraded T-90S tank at Defexpo India 2012 will attract great attention of foreign delegations, and, subsequently, a good number of contracts for land forces.

Visitors can be briefed on a wide range of Russian weapons and military equipment at the Rosoboronexport stand equipped with an interactive exhibition system designed to



demonstrate capabilities of a number of exhibits. It will be run in India for the first time. Advanced simulation technologies realised in this system allow working out combat concepts and modelling tactical operations in real time during exhibitions.

«Among items intended for land forces the upgraded T-90S will undoubtedly attract much attention, but I would like to highlight yet another new product, namely the Kornet-EM antitank missile system which we offer also in a version mounted on the chassis of the Tigr armoured vehicle. In the naval systems sector it is the Amur-1650 submarine for which a principally new engine, an air-independent propulsion unit, is coming through the final tests. Of course, we also expect high interest in nearly all Russian air defence assets", - said Victor Komardin.

There are also plans to discuss during the exhibition upgrading programmes for the T-72 and T-90S tanks supplied earlier. Rosoboronexport proposes comprehensive modernisation programmes able to substantially improve basic parameters, such as firepower, protection and mobility.

Rosoboronexport presents:

- Land systems: Tigr armoured car, Kornet-EM antitank missile system, BMPT fire support combat vehicle, BMP-3M infantry combat vehicle, BTR-80A armoured personnel carrier, Smerch multiple launch rocket system, Nona-SVK self-propelled artillery gun, Khrizantema-S self-propelled antitank system, Vena self-propelled artillery system, a family of BREM type armoured recovery vehicles, a wide variety of close combat weapons and ammunition.
- Naval systems: Amur-1650 and Project 636 diesel-electrical submarines, Gepard 3.9 and Project 22356 frigates, Tigr and Project 11356 patrol ships, Tornado small missile ship (gunship), Mirage, Mangust, Sobol patrol boats, various sets of shipborne armaments, maritime control and surveillance systems.
- Air systems: Mi-28NE combat helicopter, Ka-226T multi-purpose helicopter, Ka-31 radar picket helicopter, Mi-17 type helicopters, Il-76MD military transport aircraft, Il-78ML tanker aircraft.
- Air defence systems Buk-M2E, Pechora-2M, Tor-M2E and Antey-2500 air defence missile systems, Pantsir-S1 air defence gun/missile system, Igla-S man-portable air defence missile system, a large variety of radars.

In the spotlight are:

- Amur-1650: With its new sonar system and low signature caused by lower noise level and smaller displacement, the Amur-1650 submarine provides earlier target detection and tracking in duel situations than submarines of the preceding generation do. Its powerful and well-balanced weapon system includes advanced torpedoes and various types of cruise missiles that can be launched in salvos. The Amur-1650 submarine can perform a new for conventional submarines mission by engaging ground targets with long-range high-precision missiles. At present such missiles are exported only by Russia.



- The submarine can be fitted with fuel-cells based air-independent propulsion system and diesel fuel reforming scheme. Air-independent systems of this type generate hydrogen on board submarines in sufficient adequate for underwater navigation. As a result, it is unnecessary to keep highly explosive substance on board and to complicated complex and expensive on shore infrastructure facilities.
- Kornet-EM: It is the newest system which meets the requirements for an advanced antitank missile system. By integrating a target tracker the Kornet-EM system actually realises the fire-and-forget principle, providing enhanced target tracking accuracy and kill probability in the entire range envelope. The Kornet-EM has a range of fire of 8 to 10 km depending on ammunition type. The missile with shaped charge warhead provides 1,100-mm to 1,300-mm armour penetration. The system's capability of launching two missiles in salvo against a single target provides guaranteed penetration of any existing active protection system on armoured vehicles. The new antitank weapon system can equally engage air targets, such as unmanned aerial vehicles, helicopters, diving attack aircraft, thus enhancing qualitatively combat unit capabilities on the battlefield.
- Antey-2500: The Antey-2500 multichannel mobile air defence missile system is effective against the whole gamut of aerodynamic targets, as well as ballistic missiles launched at a range of up to 2,500 km and flying at a speed of up to 4,500 m/s. Thanks to having its own all-round and sector target acquisition radars, the Antey-2500 system can operate autonomously without using data from outside radars or ballistic missile early warning systems. The latest version of this air defence system with a range of fire extended to 350 km will debut at the exhibition.

Information for media: Press-conference of the joint Russian delegation will be held on 30th March at 10.30 am (Hall 7)

---

Russian Federation, ROSOBORONEXPORT,  
27 Stromynka str., 107076, Moscow,  
Public Relations and Media Service  
Phone: +7 (495) 534 61 83;  
Fax: +7 (495) 534 61 53  
[www.roe.ru](http://www.roe.ru)

