

AIR DEFENCE SYSTEMS

export catalogue



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GLOSSARY

3D	Tri-Dimensional
AA	Anti-Aircraft
AAGM	Anti-Aircraft Gun Mount
AAGMS	Anti-Aircraft Gun/Missile System
AA SPM	Anti-Aircraft Self-Propelled Mount
ACCS	Automated Command and Control System
AD	Air Defence
ADGMS	Air Defence Gun/Missile System
ADM	Air Defence Missile
ADMS	Air Defence Missile System
ADS	Air Defence System
AJS	Active/Automated Jamming System
ASALM	Advanced Strategic Air-Launched Missile
AWACS	Airborne Warning & Control System
AWS	Automated Workstation
BVR	Beyond Visual Range
C2	Command & Control
C3I	Command, Control, Communications & Information/Intelligence
CCP	Command and Control Post
CCS	Command and Control System
CP	Command Post
CSV	Command-Staff Vehicle
CV	Combat Vehicle
dB	Decibel
DMTI	Digital Moving Target Indicator
ECCM	Electronic Counter-Countermeasures
ECM	Electronic Countermeasures
ELINT	Electronic Intelligence
EOC	Electro-Optical Converter
EPB	Electronic Plotting Board
ESM	Electronic Support Measures
EW	Electronic Warfare
HE	High Explosive
IFF	Identification Friend or Foe
IGR	Illumination and Guidance Radar
IR	Infra-Red

LCD	Liquid Crystal Display
LF	Low Frequency
LLLTV	Low Light Level Television
LLV	Launcher-Loader Vehicle
LM	Launch Module
LRU	Line Replaceable Unit
MANPADS	Man-Portable Air Defence System
MRS	Multiple Rocket System
MTBF	Mean Time Between Failures
MTI	Moving-Target Indication
n/a	not available
POD	Probability of Detection
PPI	Plan Position Indicator
RCS	Radar Cross-Section
RF	Radar/Radio Frequency
RMS	Root-Mean-Square
SAM	Surface-to-Air Missile
SHF	Super High Frequency
SP	Self-Propelled
SPAAG	Self-Propelled Anti-Aircraft Gun
SPLV	Self-Propelled Launcher Vehicle
SPTA	Spare Parts, Tools and Accessories
TAR	Target Acquisition Radar
TI	Thermal Imager
TLC	Transport-Launch Container
UAV	Unmanned Air Vehicle
UBCP	Unified Battery Command Post
UHF	Ultra High Frequency
VHF	Very High Frequency
V_{max}	maximum speed

FOREWORD

The Rosoboronexport State Corporation publishes its new export catalogue "Air Defence Systems" to present major Russian-made air defence missile, artillery and electronic systems offered for export.

The catalogue contains concise data on both newly-made and modernised air defence equipment divided into the following sections:

- missile and artillery systems;
- surveillance;
- command and control systems;
- electronic warfare; intelligence and communications systems;
- test range equipment.

Modern air defence systems of Russian origin are designed to protect ground units on the battlefield, and military, industrial and administrative installations against attacks of aerodynamic and ballistic air weapons, notwithstanding severe hostile ECM and fire counteraction. Among others, Rosoboronexport promotes multi-layered air defence system projects. They can be developed on the basis of the combat and support assets integrated in accordance with customer specifications to provide efficient anti-aircraft/anti-missile protection of wide areas and important pinpoint targets.

The Rosoboronexport's Air Defence Systems catalogue is addressed primarily to air defence commanders, defence procurement specialists and military experts seeking reliable data on anti-aircraft/anti-missile systems exported by Russia.