



## 23x152 mm ARSENAL Defense System

DS (automated & remote controlled)

23x152 mm DS

NSN: 1090-50-001-7894

**23x152 mm ARSENAL Defense System DS** is a powerful weapon mainly used for destruction of light armored targets and firing points within the range of 2000 m, and slow-flying air targets. Considered a version of a "technical" in some battlefield environments, this mobile platform (or placed in a battlement or prepared site) provides extremely effective and heavy firepower to

### MAIN FEATURES:

- 23x152 mm ARSENAL Defense System DS is designed to be operated on a truck type vehicle or on a prepared site stationary.
- It consists of a 23x152 mm Cannon mounted on a carriage with electric drive on the axles and an electric trigger.
  - The carriage is controlled by a computer system provided with main and backup power.
  - Aiming is done through an optical sight.
- Weapon feeding is performed by 50-round metal linked belt placed in a standard ammunition box for ZU-23.
- Used mainly for aircraft, the DS is also good for fortified positions and vehicles (unarmored or light armored).
- Remote controlled operation cuts down on the crew size needed for operation.
- The DS is provided with standard SPTA set.



## **23 x 152 mm ARSENAL Defense System DS (automated & remote controlled)**

<b>TECHNICAL DATA</b>	<b>23X152 mm DS</b>
Ammunition	23x152 mm Rounds - API-T, HEI-T, etc.
Ammunition, mm	23x152
Rate of fire, rounds/min	from 1600 to 2000
Muzzle velocity, m/s	970
Fire mode	Single, automatic, in bursts
Rate of fire (computer controlled), rounds/min:	up to 1000
Practical rate of fire, rounds/min:	100
Maximum range of fire, m	2 000
Engagement section, degrees	
- traverse	270 (option 360)
- elevation	from -10 to + 90
Accuracy to train the set angles, mrad	0.2
System life (Cannon with one Barrel), rounds	3 000
Ability of sustained fire without cooling of barrel, rounds	at least 100
Overall dimensions, approx., mm/in	
- length mm/in	3 500 mm / 137.7 in
- width mm/in	2 000 mm / 78.7 in
- height mm/in	1 600 m / 63.0 in
Weight of the system, approx., kg/lbs.	900 kg / 1984.1 in

### **OPTIONS (ON CUSTOMER`S REQUEST; PAID SEPARATELY):**

Modification of the parameters for horizontal and vertical firing according to the Customer's instructions;

Remote control of the fire;

Conjunction to current coordinate systems;

Conjunction to command posts;

Conjunction to special radar system;

Connecting a group of Systems in an anti-aircraft artillery battery with a single remote control, for group hitting a target or hitting a group of targets;

Spare barrel, ammunition boxes and belts

### **STORAGE AND TRANSPORTATION**

The ARSENAL Defense System DS allows storage in packaging developed by the manufacturer:

5 years in closed warehouses with sudden fluctuations in temperature and humidity;

or 3 years in field conditions.

The ARSENAL Defense System DS can be transported by all modes of transport and in all weather conditions in the manufacturer's packaging.