



Armat-Puma

Mission

The 130mm A-192-5P-10E Armat-Puma multipurpose shipborne artillery system is intended to equip surface combatants and engage surface, air (including anti-ship missiles) and coastal targets.

Components

130mm A-192 lightweight, single-barrel shipborne gun mount.

Fire control system comprises (in full configuration):

- 5P-10E electronic fire control system;
- interface equipment for gun mount, general ship systems, radar and EO systems, targeting systems, battle information systems, radio communications and EMC systems, etc.

Features

The Armat gun mount is controlled by the Puma — 5P-10E fire control system (FCS).

The Puma is capable of detecting targets at ranges up to 60 km. In addition to detection, its computer can simultaneously track four targets and generate data for laying the gun at the two of them. The FCS' reaction time against an air target is five seconds, against surface or ground one - 10-15 seconds.

To reduce the overall radar signature of the carrier ship, the turret of the A-192 gun mount is made of polygonal panels mating at blunt angles. The turret housing also provides light armoring. The barrel life is 2,500 shots, given all operational rules are observed.

Características básicas:

- Caliber, mm: 130
- Effective range, km:
 - coastal and surface targets: ≤ 23
 - air targets: ≤ 18
- Ammunition load ready for automatic fire, rds: 22
- Continuous burst length with automatic ammunition feed: ≤ 200
- Rate of fire, rds/min: 30
- Reaction time, s:
 - against air target: 5-6



- against surface target: 10-15
- Continuous operation time, h: 48
- Total artillery system weight depending on configuration (w/o ammunition load), kg:
 - including: 30000
 - gun mount (w/o ammunition load): 25000
 - control system: 3700
- Round weight, kg: 52.8
- Training angle, deg: ± 170
- Elevation angle, deg: - 15 to +80
- Ammunition:
 - round with UF-44 HE projectile with 4MRM impact fuze:
 - UZS-44 AA round with DVM-60M1 fuze:
 - UZS-44R AA round with AR-32 fuze:
- Combat crew: 5



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Российская Федерация,
107076, г.Москва, ул Стромынка, 27,



РОСОБОРОНЭКСПОРТ
Акционерное общество

АО «РОСОБОРОНЭКСПОРТ», Пресс-служба

Тел.: +7 (495) 534 61 83;

Факс: +7 (495) 534 61 53

www.roe.ru

