# 267 mm, YERINA 2

## Artillery rocket system

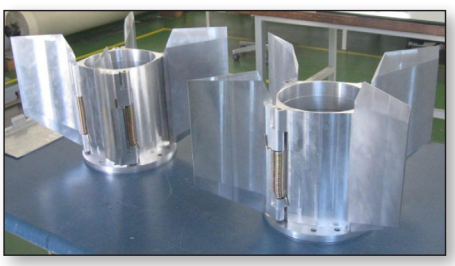
Unguided missiles are used for area targets, up to range, which, according to probable dispersion of hits, provides more profitable firing than tactical guided missiles to destructive attack of the same target. Some advantages of unguided missiles relating to the guided tactical missiles are as follows:

- They are 7 to 10 times cheaper than equivalent guided missiles
- They are easier in operation
- They have quicker response time
- They can't be jammed during the flight

Using modern technical solutions, due to reduction of mean probable dispersion of target hits, it is possible to increase maximum range for the profitable firing with unguided missiles from 50 km up to 60 km, even up to 95 km.

### Technical characteristics:

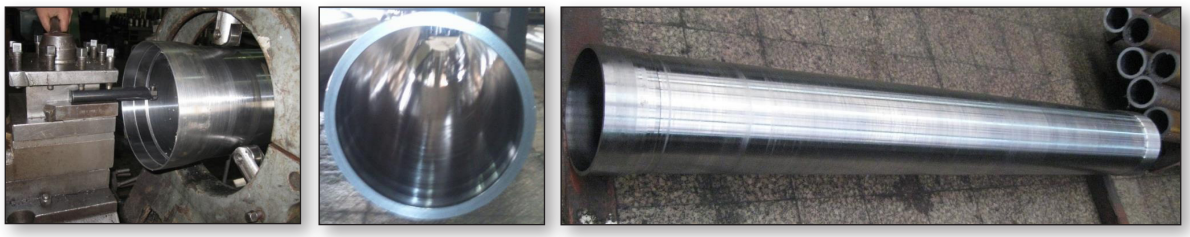
| | |
|---|---|
| • Caliber | 267 mm |
| • Length | 4227.5 mm |
| • Fin Span | 566 mm |
| • Total Mass | 338.1 kg |
| • Warhead Mass with Fuse | 115 kg |
| • Maximum Rocket Range | 60+ km |
| • Maximum Velocity | 1130 m/s |
| • Apogee | 26.5 km |
| • Time of Flight | 150 s |



The Rocket Motor "RM-267" is a new and latest state-of-art motor design with the single piece, cylindrical shape propellant grain, which is inhibited along the outer surface and forward end. It contains two propellants, which differs in the burning rate. This has resulted in a high level of loading factor, almost neutral burning. The web of slow burning rate propellant corresponds, in motor burning time, to the web of the propellant with fast burning rate. All parts of the new rocket motor RM267 are completely the same as the old RM267 but the propellant grain.

## Rocket motor technical characteristics

| | |
|---|---|
| • Caliber | 267 mm |
| • Length of the motor | 2487 mm |
| • Temperature Range | -20 to +60 °C |
| • Total Mass | 213 kg |
| • Propellant Mass | 145.6 kg |
| • Motor Total Impulse | 329220 Ns |
| • Motor Specific Impulse | 2260 Ns/kg |
| • Burning Time | 6.2 s |
| • Warhead Mass with Fuse | 115 kg |
| • Rocket Range | 60+ km |
| • Rocket maximum Velocity | 1130 m/s |



Rocket motor chamber

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Should you have any further enquires, please do not hesitate to contact us at **fdsp@eunet.rs**