

# AMOS

Advanced MOrtar System



# Increased Twin-Barrel



# Firepower





- High rate of fire
- Direct fire capability
- Fire-on-the-move capability (naval version)
- Rapid deployment



- Modular ballistic protection against infantry weapons and splinters
- NBC and muzzle blast protection
- Low carrier loads
- Large on-board ammunition supply
- Compatible with all standard 120 smoothbore mortar ammunition as well as smart guided ammunition
- Full 360° traverse without limitations

# Example of Platforms



CV90



M113 Stretched



Combat Boat 90



Fast Patrol Boat



Patria AMV



CV90 Desert

# Patria

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## AMOS<sup>®</sup> characteristics

### Turret

- Weight 3600 kg
- Traverse range n x 360°
- Elevation range -3° - +85°
- Laying system electrical / manual back-up automatic aiming
- Crew 2 + 1
- Ammunition carrier dependent (total on-board) typically 50-60 rds

### Armament

- Mortars 2 x 120 mm smoothbore
- Barrel length 3000 mm
- Loading system electrical / semi-automatic
- Recoiling system hydro-pneumatic
- Secondary armament machine gun smoke launchers

### Performance

- Time to open fire < 30 sec
- Time to scoot < 10 sec
- Max. rate of fire 16 rds / min
- Sustained rate of fire 10 rds / min
- First 4 rounds 5 sec
- Range +10 km
- Multiple Rounds Simultaneous Impact (MRSI) up to 10 rds