

NAVY  
AMOS

### **Patria Hägglunds**

Patria Hägglunds Oy strengthens the capabilities of both Patria and Hägglunds to better meet customers' requirements. With the combined resources of two world-class players, Patria Hägglunds Oy is especially well-prepared to respond to ever-increasing demands and to develop state-of-the-art designs.

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### **Patria Hägglunds**



Advanced MOrtar System

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**Patria Hägglunds**

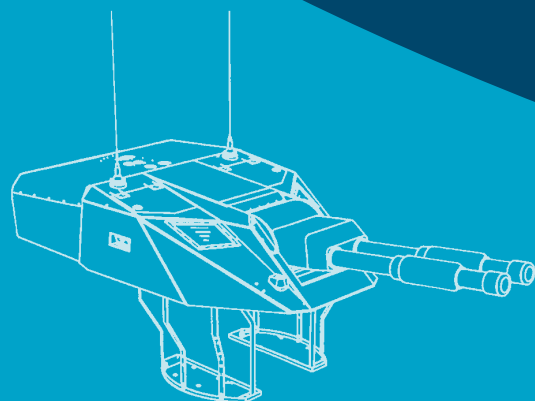




Advanced MOrtar System

## Advanced MOrtar System

- High rate of fire due to double barrel concept
- Direct fire capability
- Fire-on-the-move capability
- Rapid deployment due to instrumentation for vessel location and attitude
- Stabilised weapon system
- Low vessel loads due to recoiling mechanism
- Large on-board ammunition supply
- Suitability for all standard 120 smoothbore mortar ammunition as well as smart guided ammunition
- Full 360° traverse without limitations due to turret mounting and recoil mechanism



## Technical Data

### Turret

• Weight	3300 kg
• Traverse range	± 360°
• Elevation range	-3° – +85°
• Traverse and elevation mechanism	electrical / manual
• Crew	2 + 2

### Main Armament

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

### Performance

• Max. rate of fire	16 rds / min
• First 4 rounds	< 5 sec
• Range	> 10 km
• Probable error (of range)	< 0,6 x 0,5 %
• Multiple rounds simultaneous impact (MRSI)	up to 10 rds

