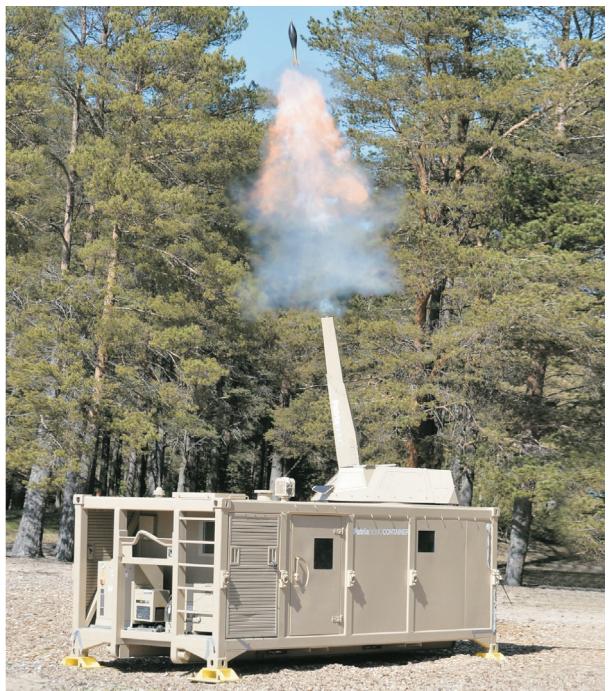


# Patria

## Patria Nemo Container

### 120 mm Mortar System



## 20 feet of Firepower

Patria Nemo Container is a compact and flexible mortar system for the needs of modern warfare and crisis management, which call for mobility, protection, accuracy, modularity and flexibility.

This container integration of 120 mm mortar enables rapid and effective fire support and unique mobility designed by the mortar systems top professional Patria.

The world has not seen anything as the new Patria Nemo Container – ingenious combination of 120 mm fire power with unforeseen modularity & mobility and nearly unlimited availability of platforms for containers.

Patria Nemo Container is a “plug-and-play” solution and thus the same container can be transported & fired on various land, sea & rail platforms as well as act as an independent firing unit at military bases. The container is a standalone system equipped with power unit and NBC/air conditioning. Ballistic protection of the container will be tailor made to meet customer’s requirements.

Turreted, remote-controlled 120 mm mortar system consists of weapon, loading device, turret, fire control system and ammunition storage, and is fully operational in the container integration without modifications. Its proven weapon technology is based on Patria's over 80 years of experience with 120 mm mortars.

Patria Nemo Container is suitable for many purposes. Thanks to its indirect and direct fire capability, as well as to its Multiple Rounds Simultaneous Impact (MRSI) capabilities, Patria Nemo can be used for self-defence and various indirect fire missions. Impressive fire support and rapid response with high crew protection – all in one.



## Patria Nemo Mortar System

**Setting new standards for mortar mobility, protection and firepower both on land and sea.**

Patria Nemo is an ideal member of both mechanised fleets as well as of fast moving naval fleets. As fully independent and flexible and remote-controlled system, it completes Patria's proven 120 mm mortar offering. In addition to 8x8-armoured wheeled vehicles and tracked chassis, the turret can be integrated on lighter platforms such as 6x6-armoured wheeled vehicles (e.g. Patria XA-series). In naval applications the ideal platforms are fast moving patrol and coastal vessels.

Patria Nemo releases the full potential of modern mortar systems. Its applicability for land and sea, its operation on the move, its level of protection and firepower and its ability to be part of fast moving units has made Patria Nemo a long-awaited solution to customer needs. Joint operations between land and sea are reality.



## Patria Nemo Container Technical Data

Construction	Steel structure, heat insulated
External Power Inlets	» 400 VAC 16A » 230 VAC 16A
External Power Outlets	3 x 230 VAC
Auxiliary Power Unit	Water -cooled generator
AC/DC Converter	Victron Energy, Phoenix Charger
Air -Conditioning / Ventilation	» Split-type cooling system » Heat recovery ventilation system » Air filters EN779 G4
Air Compressor	Gardner Denver Champion
Lighting	Internal lighting with LED lights
Communication	» Intercom: GFE ready » Radios: GFE ready
Operating Temperature Range	» -19°C...+49°C (Air Temp) » MIL-STD 810F: Basic and Hot
Lifting	ISO 3874
Transportation	» Onboard a ship: ISO 3874 » Public roads: corner fittings, ISO 668 and 1161 » flatrack interface, STANAG 2413

### Weights and dimensions

Container Curb Weight without weapon system	6600 kg
Container Gross Weight with Nemo System, incl. » 100 rounds » 3 crew members	11400 kg
Length	6058 mm
Width	2438 mm
Height	2591 mm



## Patria Nemo Specification

### Turret

» Weight	1900 kg
» Traverse	360°
» Elevation range	-3° to +85°
» Laying system	electrical/manual back-up automatic aiming
» Crew	remote-controlled turret
» Ammunition (total on-board)	2-3 in chassis compartment carrier dependent typically 50 - 60 rds

### Armament

» Mortar	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	immediate
» Max. rate of fire	10 rds/min
» Sustained rate of fire	6 rds/min
» First 3 rounds	15 sec
» Range	10+ km
» Multiple Rounds	up to 5 rds
Simultaneous Impact MRSI	

### Ammunition

- » All smoothbore mortar ammunition