

**YPR 2010**

**VAN HALTEREN  METAAL BV**

SYSTEMS & TECHNOLOGY



## THE YPR 2010

The YPR 2010 is an upgraded surplus YPR from the Dutch armed forces. Van Halteren Metaal B.V. (VHM) has in close cooperation with partners developed a modular upgrade kit which enhances vehicle performance. The YPR 2010 is safer, more mobile and has improved operations.

VHM, one of the leading Dutch defence contractors, is responsible for the systems integration of the YPR 2010. VHM acts as the DMO partner for upgrades and overhauls on Dutch surplus equipment.

The YPR vehicles are in surplus within the Royal Netherlands Army and for sale at the Defence Material Organisation.

### ① Remotely Controlled Weapon Station

a family of modular remote controlled weapon stations supporting various types of weapons including 5.56/7.62/12.7 mm machine guns, 30 mm Cannon, 40 mm automatic grenade launchers, anti-tank missiles and observation pods.

### ② Improved Engine Performance

the engine has been adjusted for 1500-2000m heights with 20 ton combat load.

### ③ New Road Wheels

a newly designed 24 ton road wheel in the M113 family, mud free, fielded and BWB approved.

### ④ Enhanced Suspension

the adapted suspension is capable of carrying a 20 ton combat load.

### ⑤ Armor Protection

a unique light weight combination of passive and reactive armor, providing superior protection against improvised explosive devices (IED's), explosively formed projectiles (EFP's), RPGs and armor piercing projectiles. This protection product is within the vehicle's weight limitations.

### ⑥ RPG Net Protection

a modern solution against upgraded RPG7 warheads based on fibers in a net, applicable to different situations. Very low weight and cost, flexible, modular and easily mountable.





## REMOTELY CONTROLLED WEAPON STATION

Enhanced gunner protection  
Enhanced accuracy  
Day/night operation  
Stabilized for firing on the move

## IMPROVED ENGINE PERFORMANCE

1500 – 2000m height  
20 ton combat load

## RPG NET PROTECTION

Light  
Flexible

## ARMOR PROTECTION

Enhanced protection against anti-tank shaped charge warheads  
Full compliance with safety standards  
Lightweight, minimal effect on vehicle manoeuvrability

## ENHANCED SUSPENSION

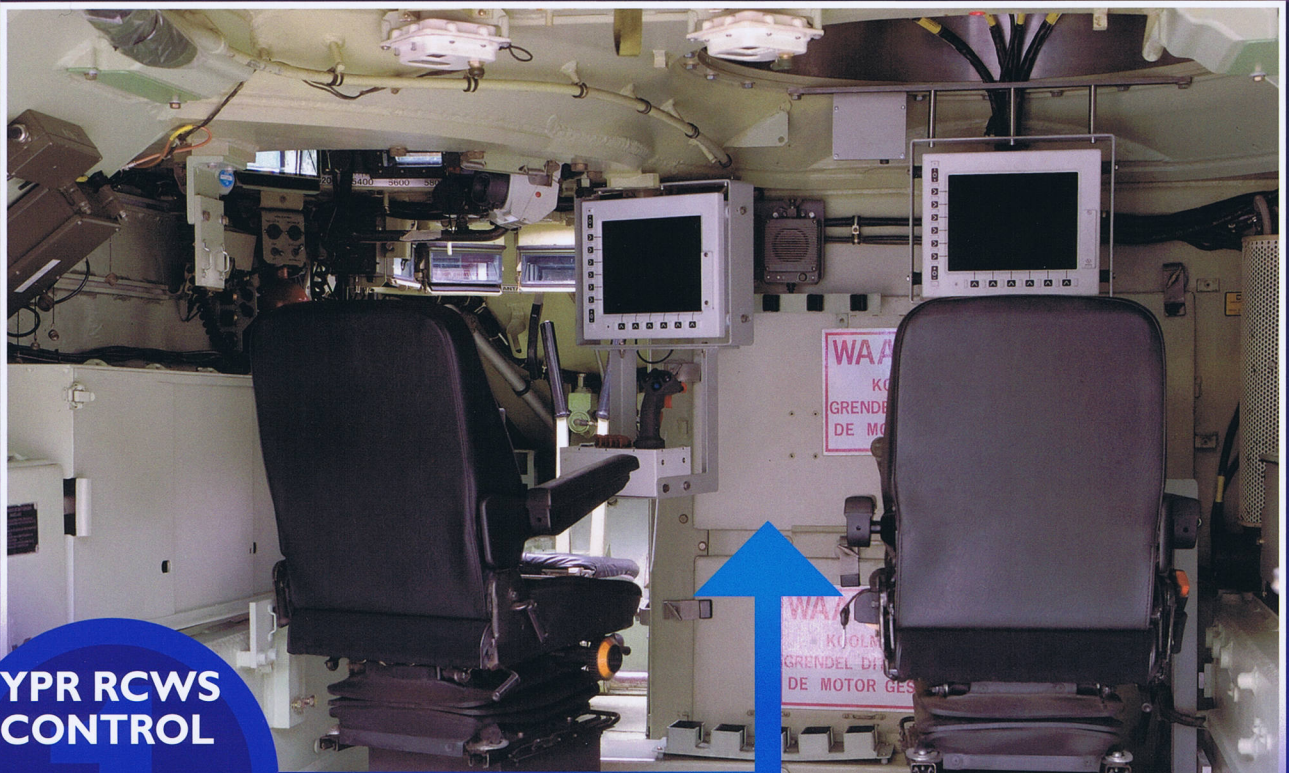
20 ton combat load

## NEW ROAD WHEELS

24 ton combat load  
Mud free design  
BWB approved







## YPR RCWS CONTROL

- Dual axis pedestal
- MK44 gun
- 7.62 Coax Machine-Gun
- 2 Spike anti tank missiles
- Ammunition storage
- Gunner Sight System
- Commander Sight System





# VAN HALTEREN METAAL B.V.

Van Halteren Metaal B.V. (VHM) is part of the international Van Halteren Group. VHM is a respected Dutch defence contractor with a portfolio comprising some state-of-the-art products and concepts for customers in the international defence market. VHM has a broad experience in the defence industry and is now one of the leading Dutch defence industries. In the Netherlands, VHM serves as the partner for various global defence companies, providing a one stop shop capability for defence projects. VHM's four departments operate individually or as a multi-disciplined team:

## ● LAND SYSTEMS

For large scale projects in the field of Land Systems, VHM acts as a one-stop-shop. In-house, VHM has full access to competences like engineering, project and configurations management, machining, welding and the experience necessary to assemble and integrate high-end systems. In the land systems business, VHM focuses on the development, upgrade and modification, manufacturing, assembly and integration of both new and operational defence Land Systems. Reference projects include the production of the Dutch Pzh2000, the assembly and integration of the CV9035NL and the upgrade of the Dutch VIKING for Afghanistan.

## ● TRAINING SYSTEMS & TECHNOLOGY

VHM is worldwide known as a leading player in artillery simulation and training concepts. VHM's Howitzer Crew Trainers (HCT) are a proven concept and VHM has

established market leadership in this field. Since the introduction of the first HCT, which was developed in close co-operation with the Netherlands Organisation for Applied Scientific Research (TNO), this product has been delivered to several international customers. VHM's track record in the military training field also comprises of other types of trainers such as driver and tank turret trainers.

## ● ROAD WHEELS

VHM is a manufacturer of various new and refurbished road wheels, top rollers, track pads and wheel idlers for armored personnel carriers (APC), infantry fighting vehicles (IFV) and main battle tanks (MBT). Since 1974 VHM has build up a reputation as road wheel supplier for a wide array of international customers. In its excellent equipped production facilities, VHM is able to produce road wheels for various vehicle systems.

## ● INDUSTRIAL SERVICES

VHM disposes of a state of the art machine shop, fully equipped with modern CNC lathes, boring and drilling machines, measuring devices and a welding department. VHM acts as the partner for customers from different industries, including sustainable energy, offshore, petrochemical and ship building. VHM has a long-time outstanding reputation with its customers and is well known for its innovation, proactive approach and full commitment to its markets and business.

VHM holds ISO 9001-2000 Quality Standard.

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