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Outline



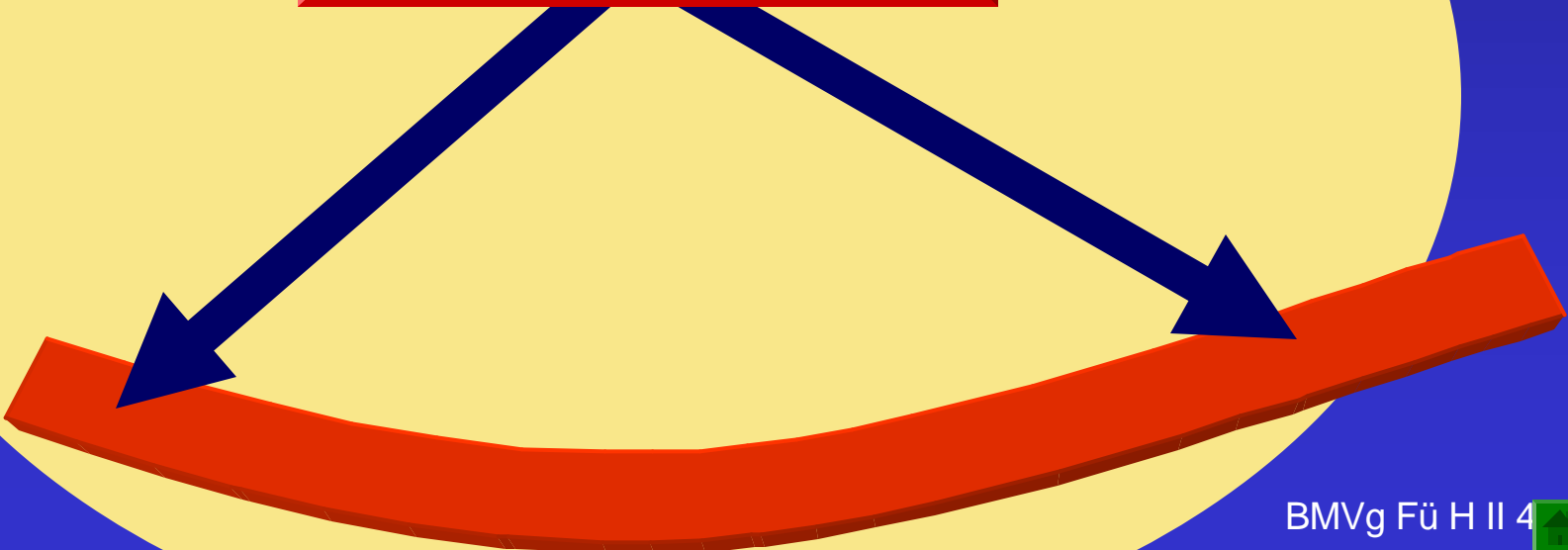
- **Definition**
- **GTK**
- **DINGO**
- **MUNGO**
- **New Fleet-Management**
- **Q/A**



Future Transport Aircraft (FTA)



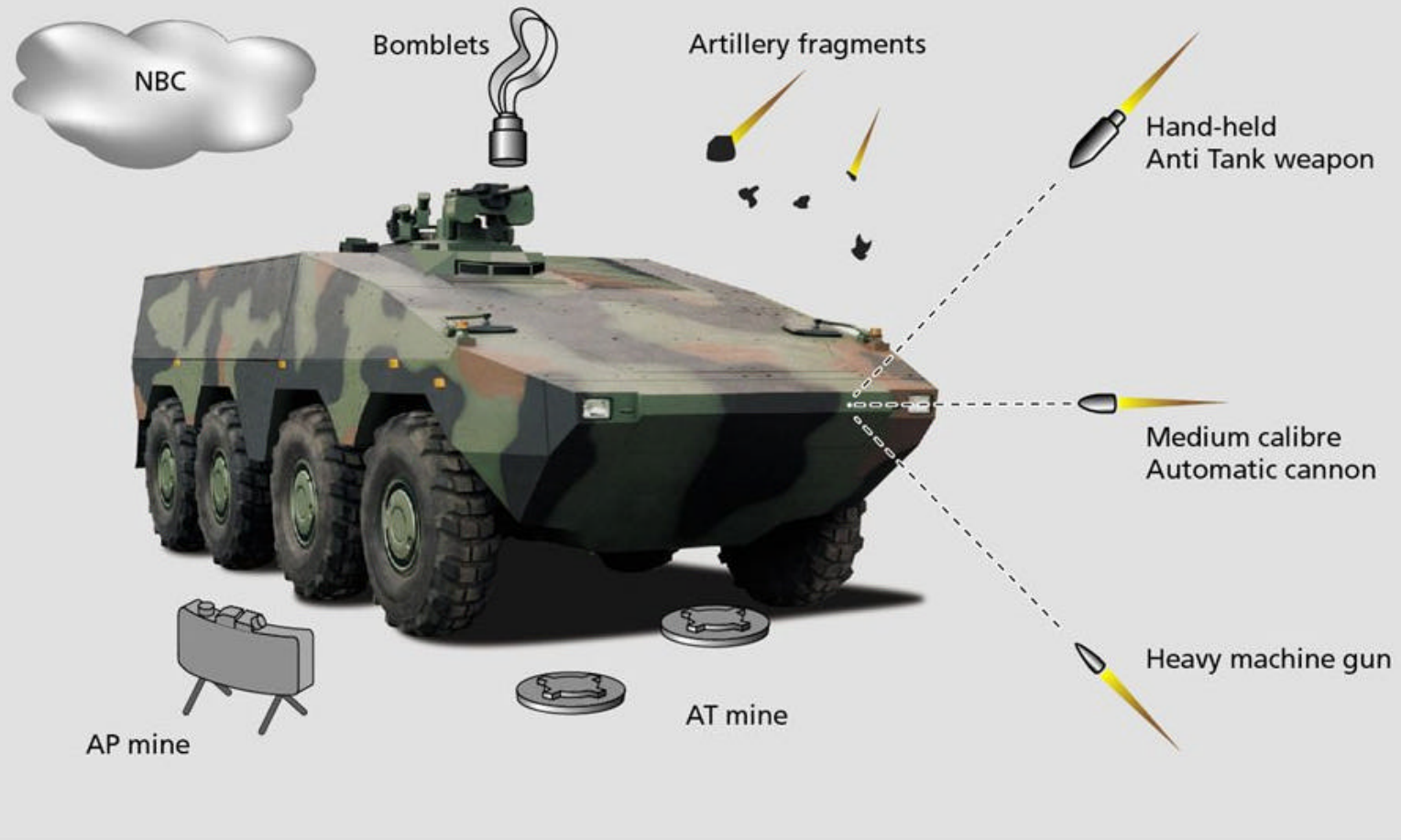
Maximum payload
32 t



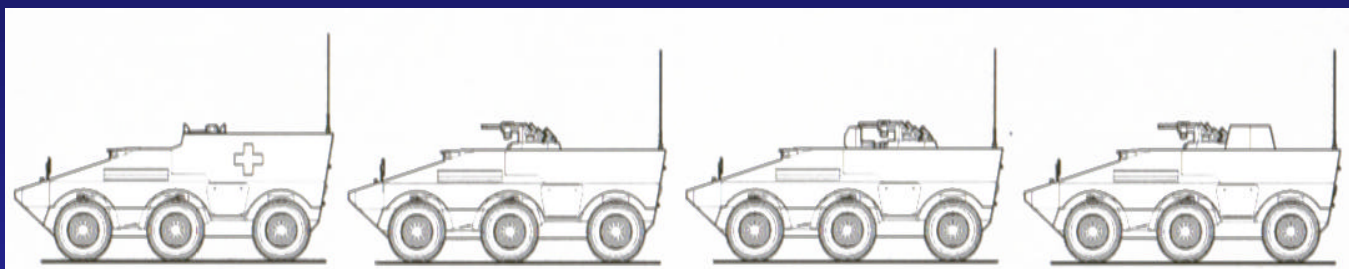
Protection



Protection



Modularity

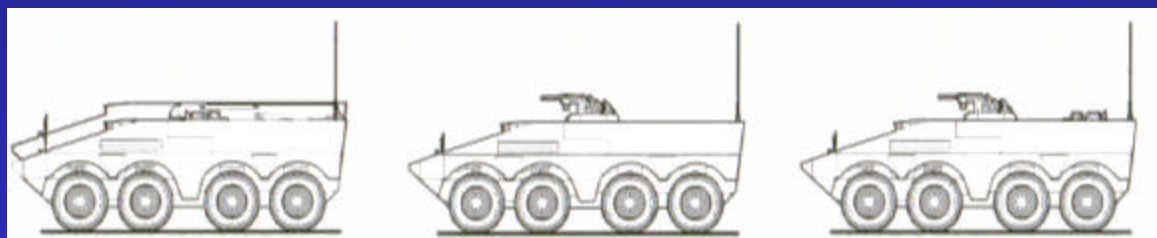


Ambulance

Cargo

Artillery observer

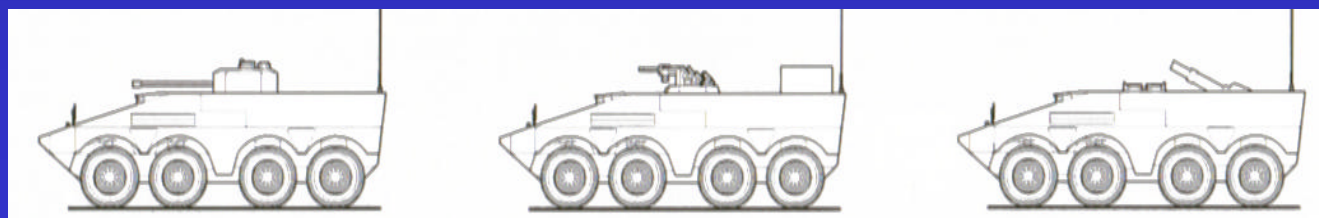
Reconnaissance



Battle damage repair

Engineer

Command



Weapon carrier

Radio relay

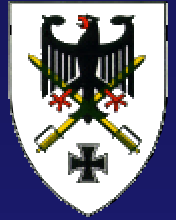
Mortar

Technical Data



Usable volume	14 m ³	Allowable straight/slope gradients	60% / 30%
Crew	11	Trench-crossing	2 m
Empty weight	25 t	Climbing ability (step)	0.8 m
Payload	8 t	Turning circle (brake steer)	15 m
Maximum speed	103 km/h	Length	7.88 m
Minimum speed	3 km/h	Width	2.99 m
Engine capacity	530 kW (ISO)	Height (hull roof)	2.37 m
Power-to-weight ratio	16.1 kW/t(min)	Ground clearance	0.50 m
Range	1050 km	Track	2.58 m

DINGO 1



DINGO 2



Technical Characteristics:

Crew:	2 - 7 troops
Length:	5.3 - 6 m
Width:	2.3 m
Height incl. Arm. Station:	2.7 m
Ground clearance:	420 mm
Power:	170 kW
V max:	100 km/h
Tare weight (mil):	8.3 – 8.8 t
Permissible max. weight :	11.8 t
Road range:	1000 km

Additional Equipment:

- ✓ Radio
- ✓ GPS-Adapter
- ✓ Air-conditioning
- ✓ External intercom
- ✓ Weapon Station
- ✓ Central Tyre Inflation System
- ✓ Standby heater
- ✓ NBC-System
- ✓ Run flat rings
- ✓ Rear view camera

DINGO 1/2



Chassis

U1550L

U5000

Exhaust standard/ cylinder

EURO II / 6

EURO III / 4

Engine performance (kW)

OM 366/177 kW

OM 924/ 170 kW

Gearbox

manual

EAS

ABS

Standard

4-Channel

Fording depth

800 mm

1,200 mm

Track width

3,250 mm

3,250 o. 3,850 mm

Combat weight

9,200 kg

11,800 kg

GVW

1,300 kg

up to 3.500 kg

Ballistic protection

7.62 mm x 54 API

12.7 mm (build up)

Potential mine protection

DM 21/ DM 11

DM 21/ DM 11 +

TRMP-6 (build up)

Intercom

analogue

Data-Bus

DINGO 2



M Mission Variants



MUNGO



- Air transportability CH 53
1 MUNGO + 10 troops
- Protection
NATO 7.62x51 ball
Anti-personnel mines

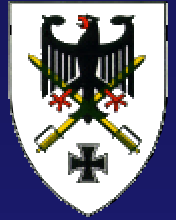
MUNGO



Technical Characteristics:

Crew:	2 + 8 troops
Length:	4.24 m
Width:	1.85 m
Height:	2.25 m
Height (folded down):	1,91 m
Power:	78 kW
V max:	110 km/h
payload:	2.0 t
Gross vehicle weight:	5.3 t
Road range:	500 km





New Fleet Management

Why does Bundeswehr need NFM ?



Current Situation of 100.000 Vehicles:

- average age 14 years
- limited availability
- high requirement for manpower
- increasing cost situation

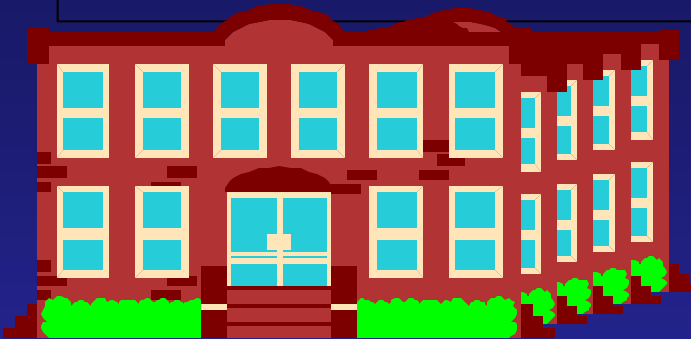
The New Fleet Management Company „BwFuhrparkService GmbH“



- founding of fleet management company „BwFuhrparkService GmbH“
- parents: g.e.b.b. and Deutsche Bahn AG
- Deutsche Bahn provides expertise

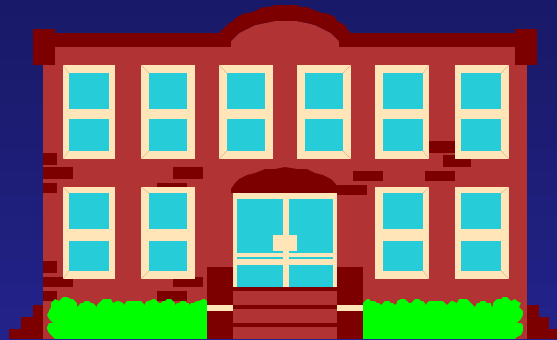


BwFuhrparkService' Concept of Operations



- establish 30 Mobility Service Centres
- take over old vehicles from Bw
- rent back old vehicles
- manage white fleet
- hand back old vehicles step by step to Bw
- procure commercial cars on leasing basis
- exchange new cars on 2 year basis
- rent new cars on request

Implementation Steps of NFM



1. Mobility Service Centres



2. „White Fleet“

and after study and decision :



partly mil vehicles

2004



militarized vehicles

2008



Development of Vehicle Numbers



- reduce fleet by 50 %
- sell 84.000 old vehicles
- provide 34.000 new vehicles

