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Cockpit

Technical Data Dimensions

Technical Data Weights



Length:	ca. 8130 mm
Width:	ca. 3250 mm
Height:	ca. 2400 mm
with topcase:	ca. 2881 mm
with power pack Leo 2:	ca. 3271 mm

Weight empty:	ca. 47000 kg
Combat weight:	ca. 54000 kg
Permissible gross weight:	ca. 55000 kg
Power Pack Leo 1:	ca. 4700 kg
Power Pack Leo 2:	ca. 6200 kg

Max. speed forward: 65 km/h

Max. speed backwards: 24 km/h

Max. speed

Recovering: 40 km/h

Recovering Leo 1 or 2: 20 km/h

Transporting Power Pack: 40 km/h

With towing device in terrain: 10 km/h

Creep rate: 4 km/h

Engine:

Type: MTU, MB 838 CaM 500, 10 cylinders, V 90 °

Cubic cap.: 37400 cm³

Output: 736 kW

Torque at 1600 rpm: 3300 Nm

Transmission:

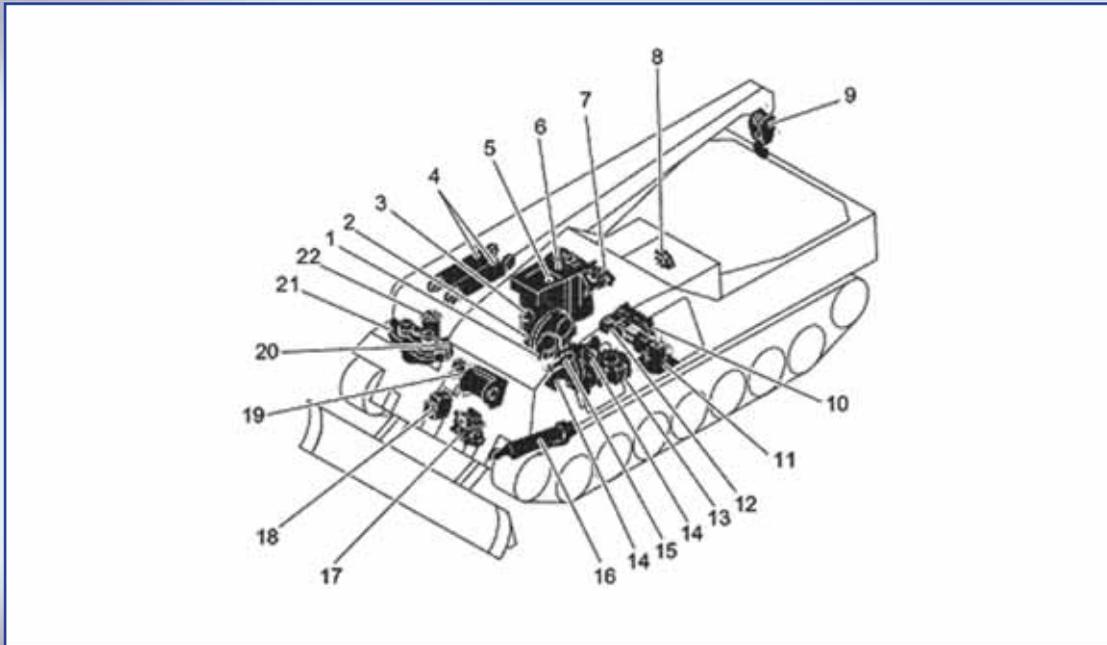
Type: ZF, 4 HP 250

Gear change: Electro-hydraulic

Gears

forward: 4

backwards: 2



1 Hydraulic motor

2 Hoisting winch

3 Pump auxiliary hydraulic

4 Crane cylinder

5 Switch dip pipe

6 Hydraulic oil tank

7 Control block

8 Hydraulic oil cooler

9 Crane hook

10 Pump drive

11 Angle gear pump unit

12 Hydraulic pump

13 Cable drum main winch

14 Hydraulic motor main winch

15 Brake main winch

16 Cylinder dozer blade

17 Cable spanner device

18 Hydraulic block

19 Auxiliary winch

20 Hydraulic motor swing gear

21 Swing gear

22 Rotary transmission

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Crane Plant



Crane capacity: 300 kN (30 t)



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Dozer blade



Height: 1000 mm
Width: 3250 mm

Width with extensions: 3750 mm



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Auxiliary winch



Max. traction power: 0 - 20 kN (2 t)
Cable length: 180 m

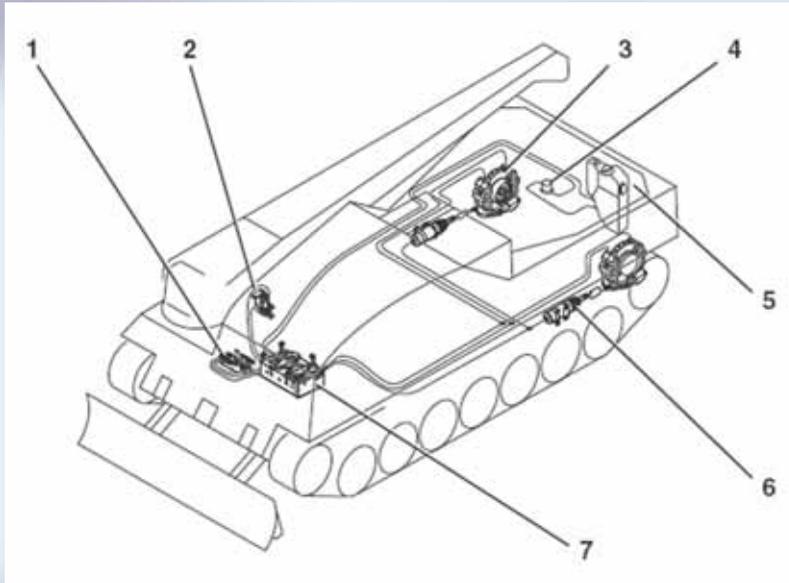
Cable speed (1st layer): 80 m/min
Cable diameter: 8 mm



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Brake Plant
Hydrops



- 1 Brake pedal
- 2 Locking brake
- 3 Brake discs
- 4 Brake oil pump
- 5 Brake oil tank
- 6 Spring type brake cylinder
- 7 Brake box



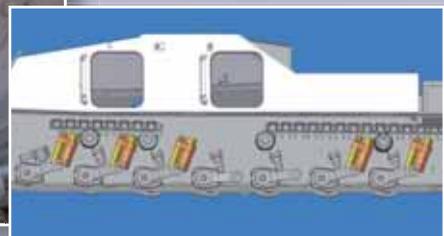
Hydro-pneumatic shock absorbers

Mounted at the first three and last two suspension arms

Adjustable from inside

Chassis can be blocked

Level regulation of the 6th and 7th axle



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Integrated Mine protection
Ballistic Protection

Composite modules
on the vehicle hull

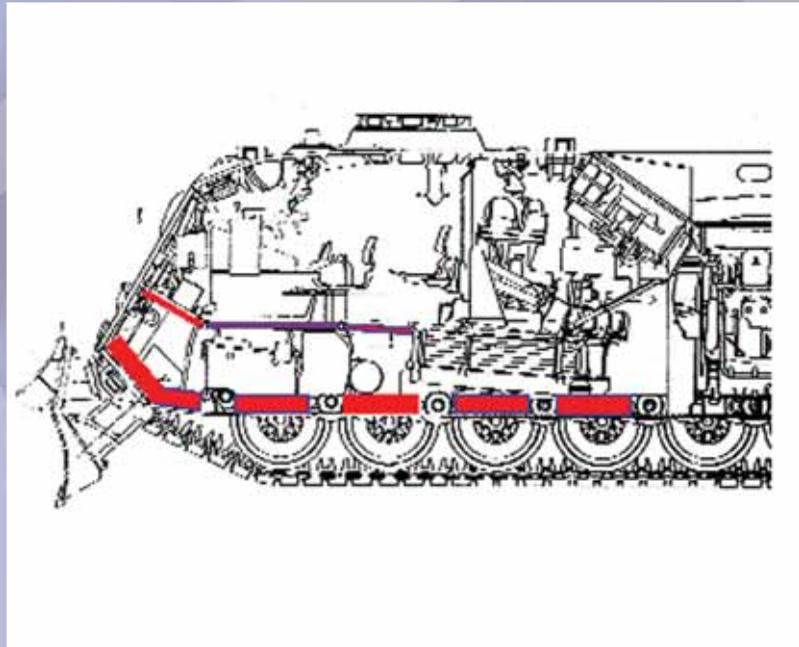
Fragmentation
protection under
the inner floor

Protection level as per
NATO STANAG 4569,
level 3

Approved against
TRMP-6 and 8 kg
AT-blast

Fire class B2 as per
DIN 4102

Ground clearance
unchanged

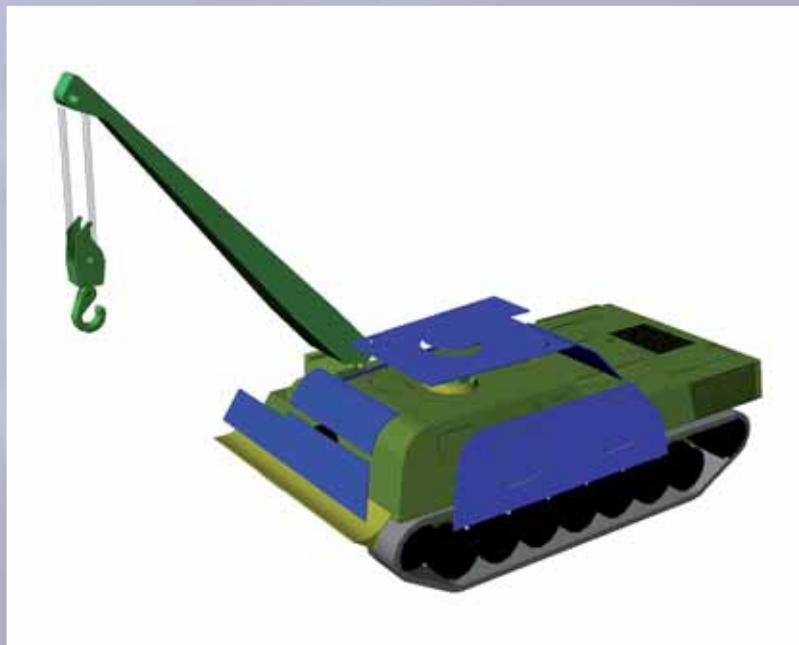


Add-on modules and
additionally inliner

Protection of the crew
compartment up to
level 5 as per NATO
STANAG 4569

Front shelling 25 mm x
137 APDS-T,
PMB073 ($v = 1258$ m/s)

Approved



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Combat Recovery System
Camera System



4 color cameras
/ splitscreen

dozerblade
crane
rearview
CRS

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Special Features



Fork lift device



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Special Features



Turnable grab-head



Support sledge

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Impressions



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