DERMAN 8X8
TRACTOR TRUCK

BOUNDLESS REACH, ABSOLUTE POWER

KOLUMAN TECH

The New Standard in Heavy Transport

The 8x8 DERMAN Tractor Truck is engineered to transport the most critical loads—including Main Battle Tanks, heavy tracked vehicles, and oversized structures—securely across any road or climate condition.

Featuring a powerful 460 kW (625 HP) OM473 engine and a transmission equipped with Turbo Retarder Clutch technology, this platform delivers a towing capacity of up to 250 tons, ensuring high performance in the most demanding mission areas. With a fuel tank capacity exceeding 1.000 liters, the DERMAN Tractor Truck maximizes its operational radius. Furthermore, specialized heating and cooling systems allow it to perform uninterrupted missions in environments ranging from the freezing climates of the Northern Hemisphere to the scorching heat of the Southern Hemisphere. With armored cabin options and advanced technological systems, the DERMAN stands as the unwavering and unstoppable force of strategic logistics.

KolumanTech Overview

Scalable Tactical Mobility Ecosystem

KolumanTech platform families are structured to deliver scalable tactical mobility — from light 4x4 mission vehicles to heavy-duty 10x10 logistics platforms — integrated with mission-specific superstructures and OEM-aligned solutions.

CORE TACTICAL PLATFORMS

DERMAN
Heavy Tactical Platform
4x4 / 6x6 / 8x8 / 10x10

ZETROS
6x6 / 8x8

KISRAK
Multipurpose Tactical Platform
4x4

UNIMOG
Tactical Utility Platforms

MISSION PROFILES

- Refueler
- Recovery
- Command & Control
- Troop Carrier
- Container Carrier
- Maintenance & Repair
- Mobile Crane
- Strategic Defence Platforms
- Shelters
- Support Vehicles
- Air Defence Systems

50+
defence configurations

12.000
units delivered

50+
years in service

Boundless Range and Operational Radius

High Fuel Capacity

Features a fuel tank capacity of over 1.000 liters, enabling the continuous transport of heavy loads over long distances.

Uninterrupted Logistics

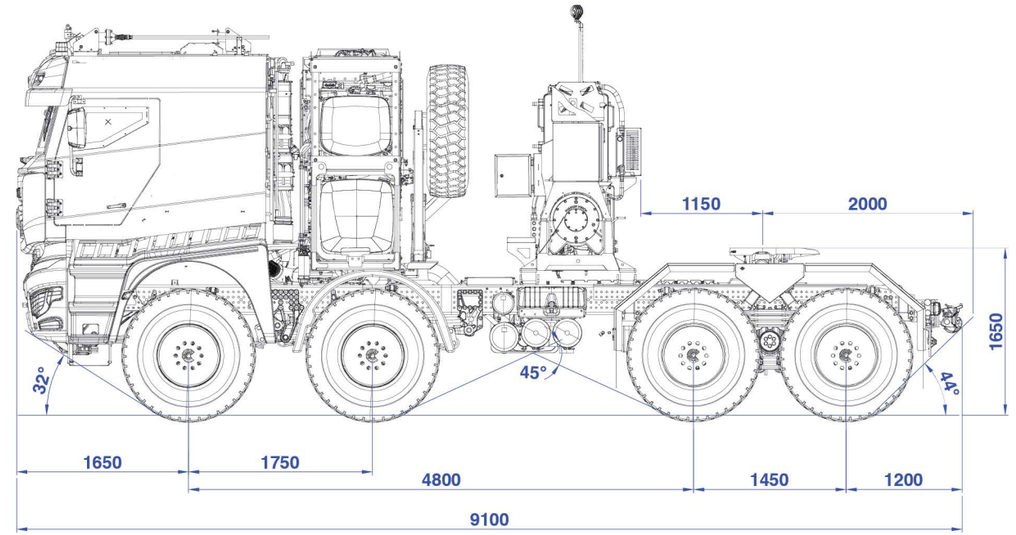
Maximizes operational radius and efficiency by minimizing the need for frequent refueling during missions.

Extreme Environmental Adaptation

Equipped with specialized heating systems for Arctic conditions and advanced cooling systems for desert heat.

Off-Road Capability

Seamlessly overcomes geographical obstacles with a fording depth of 800 mm to 1.200 mm and a 60% gradient climbing capability.



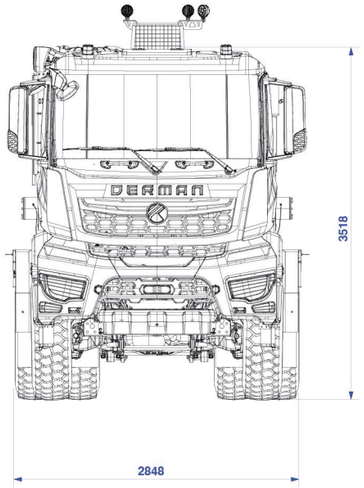
Advanced Technology and **Safety**

250-Ton Towing Force

Efficiently deploys the heaviest military platforms thanks to its reinforced chassis and Turbo Retarder Clutch technology.

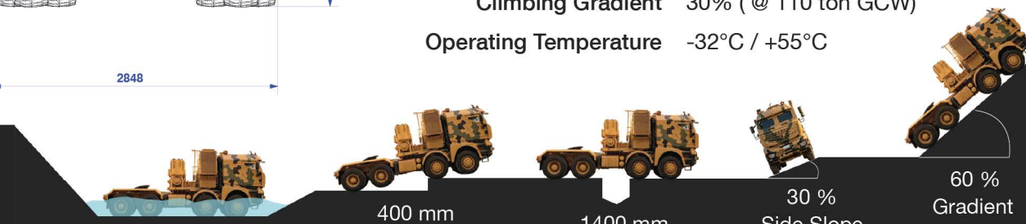
Advanced Technological Integration

Standard features like rearview cameras and NATO blackout lights can be expanded with options such as 360° cameras, night vision, and CBRN filtration systems.



Specification Technical Data

Engine	Mercedes-Benz OM473
Engine Power	460 kW (625 HP) / 3.000 Nm
Transmission	Mercedes-Benz G280-16, Automated (16 forward, 4 reverse)
Gross Train Weight (GTW)	Up to 250.000 kg
Maximum Speed	110 km/h (Optional)
Fuel Capacity	1.000+ Liters
Cabin Options	Armored or Unarmored (2-3 Personnel)
Climbing Gradient	30% (@ 110 ton GCW)
Operating Temperature	-32°C / +55°C



*can be increased up to 1200 mm

Global After-Sales Excellence

Leverage Mercedes-Benz's world-class logistics infrastructure. We integrate special components into our defense platforms to ensure maximum uptime and parts availability across the globe. Secure your mission readiness today.

130 Countries.
2.500 Service Points.

R&D - Quality - Validation

Designed. | Simulated. | Certified.

+200
Dedicated R&D Engineers

+80
R&D Projects

+350
Scientific Publications

Collabration with
13 Universities

- Destructive-Test
- Non-Destructive Tests
- Portable Test Methods
- Chemical Analysis
- Corrosion Test
- Radiographic Test Laboratory
- Paint Quality Control
- Product and Design Verification

Terrain Performance Tests

- 30% Side Slope
- 30% Gradient
- 60% Gradient
- Trench Crossing
- 1.2m Fording
- Torsion Blocks
- Digital Axle Load Measurement

Certificates

ISO 9001	ECE R156
ISO 14001	IATF 16949
ISO 27001	ISO 3834-2
ISO 45001	AQAP 2110
ISO 50001	EYDEP
ECE R155	DAIMLER OEM

KOLUMAN

KOLUMAN TECH