DERMAN 8X8
DROPS

VERSATILE POWER
FOR CRITICAL MISSIONS

KOLUMAN TECH

8x8 DERMAN DROPS

The Unwavering Strength of Strategic Logistics

The 8x8 DERMAN DROPS is a versatile operational support solution developed to meet the most demanding logistical needs of modern armies.

Designed to transport critical loads—ranging from armored combat vehicles to 20 ft command centers and specialized ammunition containers—to mission areas, it ensures uninterrupted mobility in the harshest terrains and environmental conditions. Its advanced Hooklift system, controlled directly from the cabin by the driver, maximizes operational speed by enabling rapid loading and unloading without the need for additional guidance or external support. With its ballistic-protected cabin prioritizing personnel safety and its superior payload efficiency, the DERMAN DROPS stands as an unwavering and strategic pillar of logistical operations in the field.

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

Operational Versatility

Multi-Purpose Logistics Support

The 8x8 DERMAN DROPS is a versatile platform designed for the transportation of armored combat vehicles, ammunition, and 20 ft standard containers.

Strategic Loading Capability

It ensures operational continuity by delivering command centers, first aid units, and special-purpose containers to the required mission zones.

Rapid Deployment

Responding to diverse logistical needs through a single platform, it maximizes fleet inventory efficiency.

Superior Mobility

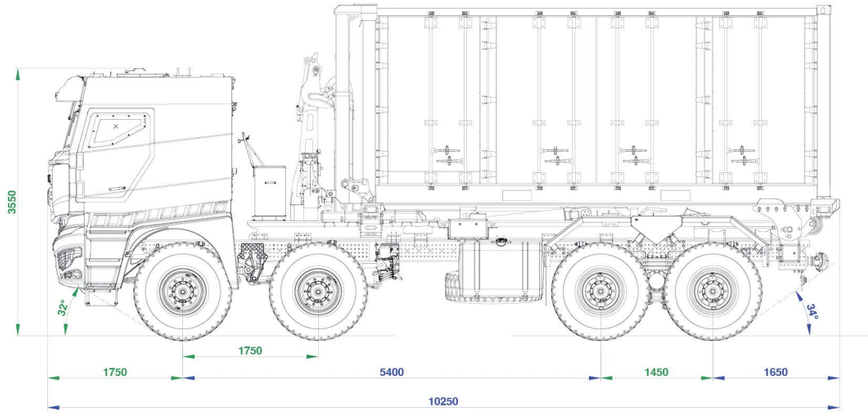
With its 517 HP engine and 8x8 drivetrain, it delivers unwavering performance across the most challenging terrains and steep gradients.

Armored Protection

The ballistic-protected cabin prioritizes personnel safety, allowing for uninterrupted missions in high-threat environments.

Extreme Environmental Adaptability

Optimized to operate at full capacity across a wide temperature range from -32°C to +49°C in all climate conditions.



Smart
Logistics Systems

Remote-Controlled Hooklift

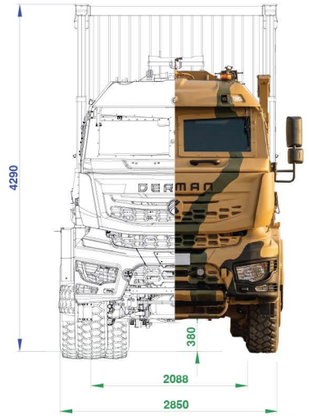
Controlled directly from the cabin by the driver, the system enables rapid loading and unloading without the need for external support or guidance.

Operational Efficiency

It serves as a sustainable solution for logistical operations through high payload capacity and optimized service costs

Advanced Tech Infrastructure

Equipped with technological sub-systems capable of integrating with modern communication and command-control platforms.



Specification Technical Data

Engine	Mercedes-Benz OM473
Engine Power	380 kW (517 HP) / 2,600 Nm
Transmission	Mercedes-Benz G280-16, Automated (16 forward, 4 reverse)
Fording Depth	800 mm
Net Payload	24.530 kg
Gross Vehicle Weight	48.000 kg
Gradient (Climb)	60%
Operating Range	-32°C / +49°C

800 mm - *1200 mm Fording Depth

*can be increased up to 1200 mm

400 mm Vertical Obstacle

1400 mm Trench Crossing

30 % Side Slope

60 % Gradient

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

Collaboration 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

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