



Mercedes-Benz Military Offering -

Our mission is to protect and serve



Mercedes-Benz

Military Vehicles and Mobility Offering from Mercedes-Benz

Armed Forces throughout the world are increasingly focusing on flexibility and operating costs, which represent a significant part of any vehicle's life cycle costs. We build supportability into our vehicles from concept to roll out. Our goal is to provide a range of vehicles that deliver full defensive military capabilities at maximum cost-efficiency – and have a complementary mobility solution to match.

Mercedes-Benz Has a Lot More To Offer

- World's leading truck manufacturer
- Full line Military programme (0.5 to 110 tonnes payload)
- Advanced vehicle technologies (focusing on life cycle costs)
- Logistic Support Analysis (LSA) and Integrated Logistic Support (ILS)
- Logistics Field Service – proven worldwide
- Established supplier to Armed Forces worldwide
- Financially strong & reliable partner
- Specialised Mobility Services (Financing, CharterWay, FleetBoard, Driver Training and others)
- Leading emission technologies



Special Chassis – Unlimited Options

Born out of need and MB Know-how

- 30 Years of know-how operating worldwide with chassis solutions
- Need for a reliable automotive platform with worldwide availability
- MB chassis solution as ideal base structures for special operation vehicles such as armoured superstructures for troop / personnel carriers
- High quality through MB tried and tested serial production
- Customization and integration with individual needs of clients

Only the best chassis for special needs

- Versatile and mobile Unimog 12.5 t chassis as the “foundation” chassis
- Right balance between protection, mobility and load capacity
- Special chassis certified for use with armoured vehicles (STANAG designed)
- Optimal combination of MB Special Chassis with client's customized bodies
- Approved mounting points allow client freedom to design ideal solutions
- Multiple options for tailor-made solutions:
 - 4x4, 6x6 or 8x8 axle-combinations
 - Tonnage from 7.5 to 14.5 or even 60 tonnes
 - 4, 6 or 8 cylinders
- Mercedes-Benz partnership and support throughout Development, Interaction, Serial Production and After-Sales process

UNIMOG

Handles Everything With Ease – Including Tough Conditions

Our Unimogs U 3000/U 4000 and U 5000 excel in all terrains. Whether on- or off-road, Unimog gets personnel and material to where they are needed. Unimogs master gradients of up to 100 % for 45° climbing capability.



Unimog

Vehicle type	Payload	Wheelbase	Engine type	Engine output, Euro 4	Max. torque
U 3000 4x4	2.0 – 3.0 t	3250 / 3850 mm	4 cyl. inline	115 kW / 156 hp	610 Nm
U 4000 4x4	2.0 – 3.0 t	3250 / 3850 mm	4 cyl. inline	130 kW / 177 hp	675 Nm
U 5000 4x4	5.0 t	3250 / 3850 mm	4 cyl. inline	160 kW / 218 hp	810 Nm

UNIMOG

Product Features

Handles everything with ease –
Including tough conditions.

1. Fording capability 1,2 m
2. Stepped frame with U-profile side members
3. Rear-wheel drive with engageable all-wheel drive, front and rear differential locks
4. Tyre pressure control system
5. Portal axle with torque tubes
6. 4-channel ABS
7. UG 100 transmission
8. 4-cylinder engine 130/160 kW OM 904 LA/924 LA
9. Semi-forward control cab
10. Armoured Cab solutions available



ZETROS

Modern Look – Trusted Quality

Where safe roads are few and far between – on disaster relief assignments or military operations such as peace keeping missions – the Zetros is sure to have the answer.



Vehicle type	Payload	Wheelbase	Engine type	Engine output, Euro 4	Max. torque
1833 A 4x4	4.0 – 6.0 t	4800 mm	6 cyl. inline	240 kW / 326 hp	1300 Nm
2733 A 6x6	7.0 – 10.0 t	4750 + 1450 mm	6 cyl. inline	240 kW / 326 hp	1300 Nm

Zetros

ZETROS

Product Features

Ready to meet every contingency.

1. Low entry height
2. Heavy duty main frame
3. Permanent all-wheel-drive with 2-speed transfer case and differential lock
4. Heavy duty planetary hub reduction axles with differential locks
5. Wheelbase: 4 800 mm (4x4) 4 750 + 1 450 mm (6x6)
6. Radiator protection as standard
7. Main tank 300 litre. Suitable for low quality fuel or kerosene
8. Conventional design with bonnet
9. Reduced vehicle height, low silhouette
10. 3 seater version available. Optimised through-pass (no engine tunnel)
11. Medium cab as standard, walk-on roof available
12. Armoured Cab solutions available



ACTROS

Heavy-duty Trucks

Actros masters every challenge, is robust, powerful and dependable on its missions – while withstanding the toughest conditions.



Actros 6x6

Vehicle type	Payload	Wheelbase	Engine type	Engine output, Euro 4	Max. torque
3332 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	235 kW / 320 hp	1650 Nm / 1080 min ⁻¹
3336 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	265 kW / 360 hp	1850 Nm / 1080 min ⁻¹
3341 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	300 kW / 408 hp	2000 Nm / 1080 min ⁻¹
3344 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	320 kW / 435 hp	2100 Nm / 1080 min ⁻¹
3346 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	335 kW / 456 hp	2200 Nm / 1080 min ⁻¹
3348 A 6x6	up to 12.0 t	3 600 / 3900 mm 4 200 / 4 500 mm	V6	350 kW / 476 hp	2300 Nm / 1080 min ⁻¹
3351 A 6x6	up to 12.0 t	3 600 mm	V8	375 kW / 510 hp	2400 Nm / 1080 min ⁻¹



Actros 8x8

Vehicle type	Payload	Wheelbase	Engine type	Engine output, Euro 4	Max. torque
4141 A 8x8	up to 18.0 t	4800 mm	V6	300 kW / 408 hp	2000 Nm / 1080 min ⁻¹
4144 A 8x8	up to 18.0 t	4800 mm	V6	320 kW / 435 hp	2100 Nm / 1080 min ⁻¹
4146 A 8x8	up to 18.0 t	4800 mm	V6	335 kW / 456 hp	2200 Nm / 1080 min ⁻¹
4148 A 8x8	up to 18.0 t	4800 mm	V6	350 kW / 476 hp	2300 Nm / 1080 min ⁻¹
4151 A 8x8	up to 18.0 t	4800 mm	V8	375 kW / 510 hp	2400 Nm / 1080 min ⁻¹

ACTROS

Product Features

1. Manual hydraulic gearshift or Telligent® automatic gearshift
2. Powerful and economical 6 and 8 cylinder engines
3. Permanent all-wheel drive
4. 4-channel ABS
5. Heavy-duty hub reduction axles for high ground clearance
6. Up to 1 200 mm fording depth
7. Differential locks and interaxle differential locks
8. Central Tyre Inflation System (optional)
9. Robust frame
10. Large, medium and small cabs available
11. Armoured Cab solutions available



Mercedes-Benz Armoured Cabs

Protection at its very best

Mercedes-Benz military vehicles combine increased protection with heavier payloads. Operators have the best of all worlds by benefitting from superior off-road performance, an exceptional range of bodies and superstructures – while also knowing that their crews are protected in state-of-the-art armouring solutions.

Flexible Armoured Protection Solutions:

- On all major vehicle applications (G-Wagon, Unimog, Zetros, Actros)
- Conforms to STANAG 4569 & AEP Vol. 1 & 2
- Protection for various risk-types such as ballistics, mines, IED and EFP
- Modular “Toolbox” solution for max. standardization across armoured cabins for improved man-machine interface, parts holding and ILS
- Upgrading of protection levels possible in case of risk profile change
- Optimized ILS and lowest life-cycle costs as key driver of engineering
- Multiple armoured solution cabins available for various risk profiles:
 - SHARCC (“Southern Hemisphere Armoured Cabin Concept”) for Ballistic Level 1 and Mine Level 3a/3b (Certification outstanding)
 - “Mid-level” for Ballistic 2, Mine 2a/2b and IED 50kg TNT
 - “Big Daddy” for Ballistic 4, Mine Level 4a/4b and IED 50 kg TNT



Actros “Big Daddy” Armoured Solution:

- Protected load carrying and towing capability with maximum safety:
 - Up to 80 t Gross Vehicle Weight
 - Payload up to 16 tonnes
 - Wide range of engines and drivetrain components
 - Best protection world-wide on this type of truck
 - Composite panels and spall liner for enhanced ballistic protection
 - Underbody mine blast protection integrated into welded cab structure
 - Ballistic Level 4, Mine Level 4b, IEDs & AEP Vol. II, EFP
 - Selection of mission-proven superstructures such as PLS, truck tractors, recovery and cargo / crane



Mercedes-Benz Sustainable Mobility and Specialised Support Services

CharterWay®

- Maximum availability at lowest possible cost
- Meeting individual military demands
- Optimized fleet's supportability
- Info-supply on reliability, maintainability and spares usage
- Development and execution of reliability studies
- Special features:
 - CharterWay customised Mobility offerings including Financing, Fleet Management, Service / Maintenance contracts and Uptime contracts
 - Integrated Parts inventory solutions across region
 - Call-centre and road-side assistance offerings
 - Deployment of dealer network in combination with other service providers for best support infrastructure



FleetBoard®

- Reduction in fuel consumption and operating costs
- Minimization of driver-related vehicle damage
- Reduced wear and tear and workshop stays
- Complete visibility of location and status of vehicles
- Increased Uptime of entire fleet
- Access to CANBUS of truck and reading of error codes
- Special features:
 - Performance measuring tool for drivers and trucks
 - Easy identification of improvement areas
 - Online monitoring of truck's technical status
 - Remote diagnosis to prevent component damage
 - Position tracking and tracing
 - Link-up to Command & Control systems for visibility



Driver Training

- Vehicle familiarisation for optimal man-machine interface
- Optimisation of economic and defensive driving behaviour
- Improved road safety and reduced damage to assets
- Reduction of fuel, operating and insurance costs
- Teaching/ refreshing of specific skills:
 - Segment, vehicle-type and application (e.g. off-road)
 - Military application and "offensive" driving
 - Command-and-control related driving
 - Body-specific and material handling training
 - Operational logistics (air, land & sea)
- Special features:
 - Establishment of Train-the-trainer competencies
 - Establishment of continuous improvement with FleetBoard
 - Abnormal load training



Support

- Balancing of cost-effective commercial Best Practice and specific custom-tailored military-based solutions
- Ongoing support through service network, dealers and support partners
- Parts supply chain for optimal parts availability and response
- Programmes for upgrade and refurbishment of customer fleets
- Training, documentation and engineering of the operator, maintainer and of the system as a whole
- COTS Documentation and customer tailored solutions (e.g. EPAS) and Engineering support as required
- Special features:
 - Development of Offset solutions
 - Operating & business models for long-term support and integration
 - Vendor and partner network for special needs (e.g. Bodybuilding)



Mercedes-Benz

The complete solution from one trusted party

Payload	Logistic		High Mobility		Protection		Flexibility	
> 0.5 t		G-Wagon 4x4		G-Wagon 6x6		G-Wagon 4x4		Special Chassis
> 2.5 t		Atego 4x4		Unimog 4x4		Unimog 4x4		CharterWay® Service
> 5 t		Axor 4x4		Zetros 4x4		Zetros 4x4 6x6		ILS and LSA
> 10 t		Actros 6x6		Zetros 6x6		Actros 8x8		FLEETBOARD
> 110 t		Actros Tractor 6x6		Actros Tractor 8x8		Actros Tractor 8x8		Driver Training

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Part number: 0001 5506 02