



Ready for Future Operations.

Mercedes-Benz Defence Vehicles.

Mercedes-Benz
Trucks you can trust





Contents.

Mercedes-Benz Benefits	4
Mercedes-Benz Global Service	18
Vehicle Range	22
Arocs	24
Atego	30
Zetros	32
Unimog	36
G-Class and Vans	44
Armouring Concept	46
Special Chassis	48

www.mercedes-benz.com/defence-vehicles

With the experience of millions of kilometres, every day, worldwide.

Mercedes-Benz Defence Vehicles.

Defence vehicles from Mercedes-Benz embody the experience of the world's leading truck manufacturer. With transport solutions for a wide variety of applications and operating conditions. Vehicles that demonstrate their reliability, durability and ruggedness every day around the world, under the most adverse climatic and operational conditions.

These vehicles have been developed to arrive at their destinations and provide the military user with the best solution for his transportation needs, on the highway or in difficult terrain. Trucks that rely on a unique worldwide service network. For maximum availability. The star makes the difference. Trucks you can trust.



The world's leading truck manufacturer.

- ✓ Vehicles based on extensively tried and tested large-scale trucks
- ✓ Adapted and optimized to meet all military user requirements
- ✓ Guaranteed product and service quality – Made in Germany
- ✓ Advanced vehicle technologies, focusing on life-cycle-costs, robustness and reliability
- ✓ Available in over 160 countries in approx. 5,000 authorized workshops

When quality matters you can count on the vehicles with the three-pointed star.

Partner to armed forces worldwide.

All-wheel-drive vehicles from Mercedes-Benz are the most reliable means of transportation worldwide when roads end and you can only guess where the off-road routes begin. When it really matters to arrive at the destination safely, experience and quality are irreplaceable.

When reliability becomes the principle, even under extreme conditions, armed forces have the best equipment to perform their demanding tasks.

Our greatest affirmation is the trust of many armies. For over 100 years.
In more than 80 countries.



Military trucks by Mercedes-Benz comply with AQAP 2110 requirements.

Mercedes-Benz Trucks meets special NATO quality requirements according to AQAP (Allied Quality Assurance Publications) 2110. Constant compliance with the AQAP standard is reviewed annually, along similar lines as the international automotive standard IATF 16949:2015 that Mercedes-Benz Trucks also complies with.

Everything from a single source.

Customized solutions for every application.

As the largest commercial vehicle manufacturer in the world, Mercedes-Benz offers a unique vehicle program. From the legendary G-Class with a payload starting from 500 kg to our heavy-duty tractor with a gross combined weight of 250 t. The wide range of Mercedes-Benz vehicles offers a tailor-made solution for every task.

Our vehicles can be adapted to a wide variety of requirements: for personnel, material, heavy or dangerous goods transport, whether on high-speed highways or off-road. Proven, reliable and powerful.



The answer to logistical and tactical challenges.

Especially for armies, the effectiveness and reliability of transport vehicles is of crucial importance in all scenarios. Because logistical supply of operating materials and spare parts ties up capacities and resources. Uptime is everything.

Thanks to the reliable, robust and economical Mercedes-Benz vehicles and the worldwide dense service network the above mentioned challenges can be mastered.

The large Mercedes-Benz Defence Vehicles portfolio also covers a wide range of emission classes: from Euro III to Euro VI. The right solution for every application, either in Europe or in other parts of the world.



Uncompromizing mission-readiness in every situation.

Mercedes-Benz trucks are on the move worldwide in a wide range of applications. The large variety of bodies and utilization possibilities are favoured by the body-builder-friendly design of the vehicle frame.

The provision of standardized superstructure interfaces facilitates proven body builder partners to mount even the most complex special bodies and systems. The adaption of common civilian interfaces reduces development time and integration cost for military applications.

Custom-made solutions.

Special tasks require special solutions. The professionals at Mercedes-Benz develop tailor-made solutions for special vehicles and special equipment for the proven chassis.

More information about Mercedes-Benz Special Chassis on page 48.

Master of conversions.

Whether cranes or winches, hydraulic pumps or electrical connections: standardized interfaces, power take-offs and connection interfaces for a wide variety of attachments and superstructures make Mercedes-Benz vehicles exceptionally versatile.

Partners.

Constructive cooperation – an important element of the Mercedes-Benz strategy. Defence vehicles can be easily modularized. For the quick deployment of a wide range of NATO container solutions on the same vehicle.

A team of specialists.

- ✓ From the expert for custom solutions
- ✓ Based on commercial vehicles for almost every application
- ✓ In all military payload classes
- ✓ With standardized hydraulic and electrical interfaces
- ✓ Extreme climatic conditions
- ✓ For on and off-road deployment



Maximum mobility. In every situation. Anywhere.

Setting standards for off-road mobility.

Perfectly prepared to start the mission. With vehicles that you can rely on blindly.

In freezing temperatures and in the desert heat, on tarmac and in rough terrain. Adaptable, safe and easy to operate and service. Because reliability is not a coincidence.

Always on the move.

Fast and unstoppable. Thanks to the chassis and technology expertise that has been unrivaled for decades.

Continuously developed and modified, for a variety of military applications. Mercedes-Benz Defence Vehicles show maximum operational readiness even under the most adverse conditions.



With tirecontrol/tirecontrol plus you can adjust the tire pressure to suit the terrain – simply with a switch

Maximum traction off the roads.

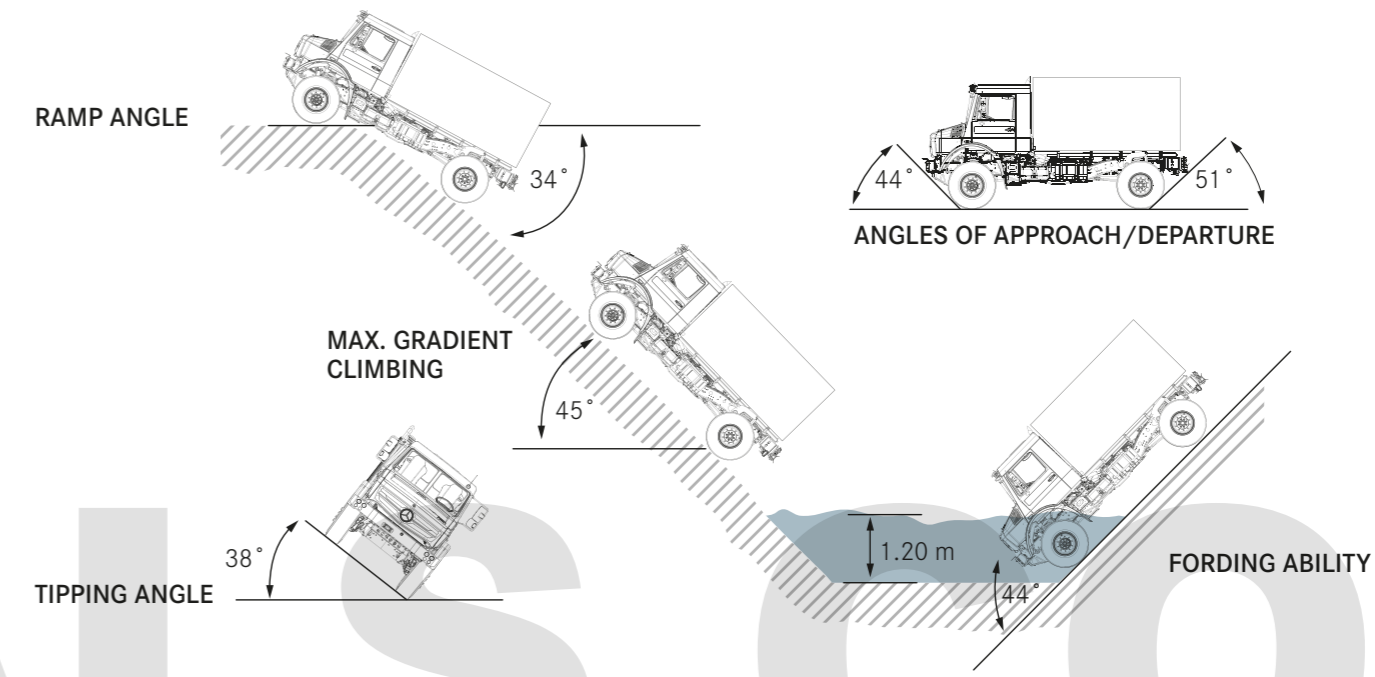
The tire pressure can be lowered or increased via the Central Tire Inflation System (CTIS).

Separately, for front and rear axles and adapted to the current loading and operating conditions. For high traction – on any surface.

Powerful – from Euro III to Euro VI.

Staying mobile includes adapting to the fuel supply situation in the area of operation. From the advanced Mercedes-Benz BlueEfficiency Euro VI engines for environmentally friendly emission standards to engines for other regionally valid emission standards.

Mercedes-Benz even offers vehicles that can master both fuel extremes. Military fuels that deviate from the diesel standards, i. e. with high levels of sulfur or other impurities, all the way to Euro VI compliant fuels.



Safe through every terrain.

Crossing rivers, climbing sand dunes, negotiating mud wading or steep embankments: Mercedes-Benz trucks are famous for their innovative suspension design. Details such as torsional frame with the 3-point cab mounting, special axle suspensions, all-wheel-drive, high ground clearance and differential locks ensure maximum off-road capability.

Thinking of everything.

- ✓ Operational safety under extreme conditions
- ✓ Specially designed cooling systems for full performance at extremely hot temperatures
- ✓ Engine starting aids, auxiliary heaters and special operating materials help in extreme cold
- ✓ High performance filter systems for engine air and fuel intake
- ✓ High operating comfort due to standard operating logic – HMI (Human Machine Interface)
- ✓ Service interfaces for innovative diagnostic systems and time-saving maintenance

At the end of the day only one thing counts.

You have to be able to rely on each other.

With the experience of large-scale production, Mercedes-Benz has also established a custom-tailored process with designated experts and production facilities. Here numerous vehicles are perfectly adapted to a variety of tasks. For the challenging defence requirements the custom-tailored process offers a large choice of proven off-the-shelf as well as new individual solutions.

Mercedes-Benz is a strong and highly flexible partner for system house companies and body-builders. Its top class defence vehicles are a perfect match with leading edge mission systems and bodies to equip military users with best possible solution for their duties.

For OEMs we tailor Special Chassis and Component Sets to the individual needs of every application to provide the perfect base for virtually any kind of vehicle, from APC to armoured heavy recovery truck.

**More information about Mercedes-Benz
Special Chassis on page 48.**

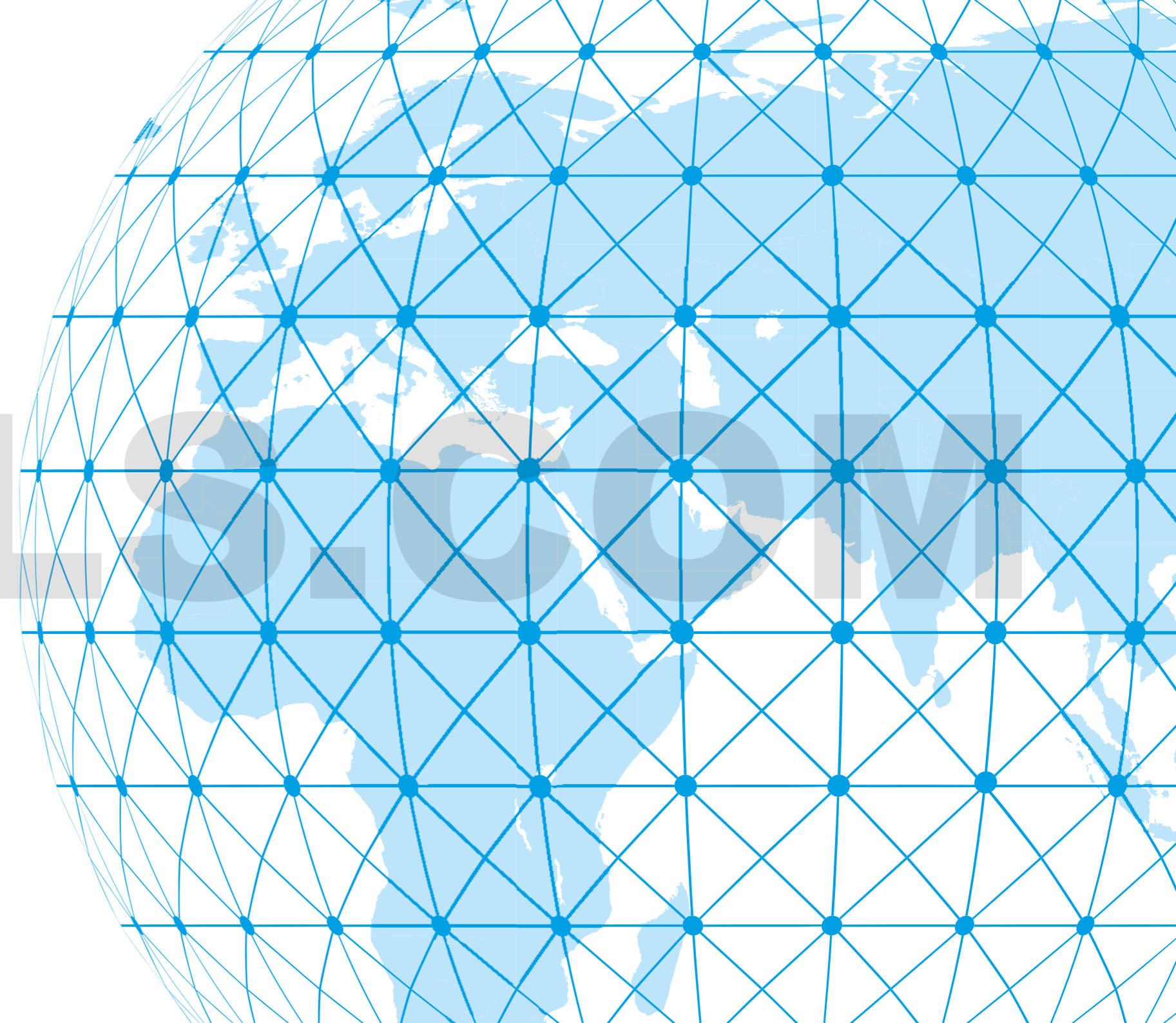
Mercedes-Benz Service and Integrated Logistics Support (ILS).

Sustainable partnership.

Mercedes-Benz Defence Vehicles sees itself not only as a supplier of commercial vehicles, but also as a sustainable partner of modern armies. Because we can offer far more than just trucks: customer-dedicated ILS-solutions and services worldwide, as they can only be offered by an internationally oriented company like Daimler. Whether in theatre or in standard use – Mercedes-Benz Defence Vehicles supports you everywhere.

Mercedes-Benz Global Service.

- ✓ Full spec ILS and Contractor Led Support capabilities over the planned LoT (Life of Time)
- ✓ Highly skilled and experienced ILS-managers and service personnel
- ✓ In-mission support via field service representatives possible
- ✓ Long-Term Logistics Support
- ✓ “Train the trainer” by experienced Mercedes-Benz trainers
- ✓ Fleet-Management according to customer requirement



Maximum availability worldwide.

Complete solutions available, tailored to customers' needs.

Wherever you use your vehicle – Mercedes-Benz is already on the spot.

We are available in over 160 countries to take care of your Mercedes-Benz Defence Vehicles – in our approx. 5,000 authorized workshops. And with the same care, the same experience and the same technical capabilities we used to build it. That is ensured by our comprehensive service with competent service partners.



Standard service solution.

Our many years of experience enable us to offer tailor-made service concepts. In addition, we have also developed standard service solutions designed to meet the customer requirements. Contractual arrangements for ILS and CLS are possible in line with customer requirements. Mission support via field service representatives is generally possible.



Spare parts availability.















Daimler guarantees you first-class service worldwide. Our network is at your service. And this also applies to our guaranteed worldwide spare parts supply. Wherever the operational situation is non-benign, we will work with the customer to set up a reliable supply chain.

Integrated Logistics Support.

Our ILS-managers analyse together with the customer the requirements and develop a tailor-made ILS-plan. This Daimler service package builds on a comprehensive analysis of a customer's requirements and desired support structure within a given environment. This analysis enables Mercedes-Benz to offer a full range of the required support functions including but not limited to training, spare parts packages, ranging and scaling, plus any special tools, full fleet management and test equipment.

The customer's existing maintenance infrastructure is included in our planning. Our master plan is able to provide CLS when hard-pressed military resources need to be reassigned.

Mercedes-Benz Defence Vehicles. Range.

													
Arocs for heavy-duty applications	Arocs heavy tractors	Arocs for medium-duty operations	Atego for light-duty jobs	Zetros tractor	Zetros three axle	Zetros two axle	Unimog for extreme off-road missions	Unimog with crew cab	Unimog customized	Unimog airfield tractor	G-Class	Vans	Chassis
up to 27 t	up to 35 t (fifth wheel load)	up to 10 t	up to 5 t	up to 36 t (fifth wheel load)	up to 18 t	up to 10 t	up to 5 t	up to 5 t	up to 3 t	up to 4 t	up to 2 t	up to 2,7 t	7,5 up to 44 t
Single	Single, Twin	Single	Single	Single, Twin	Single	Single	up to 3 seats	up to 7 seats	up to 2 seats	up to 3 seats	up to 4 seats	up to 9 seats	up to 9 seats
up to 6 seats	up to 6 seats	up to 6 seats	up to 6 seats	up to 6 seats	up to 6 seats	up to 6 seats	4x4	4x4	4x4	4x4	4x4	4x4, 4x2	4x4, 6x6x 8x8
8x8, 8x6, 8x4, 6x6, 6x4	8x8, 8x6, 8x4, 6x6, 6x4	4x4, 4x2	4x4	6x6, 6x4	6x6, 6x4	4x4, 4x2	★★★★★	★★★★★	★★★★★	★	★★★★★	★	★★★★★
★★★	★★	★★★	★★	★★	★★★★★	★★★★★	Page 36/37	Page 38/39	Page 40/41	Page 42/43	Page 44	Page 45	Page 48
Page 24/25	Page 26/27	Page 28/29	Page 30/31	Page 32/33	Page 34/35	Page 34/35							

* Load capacity chassis cab, ** Off-road capability from ★ (= low) to ★★★★★ (= superior).

Mercedes-Benz Arocs for heavy-duty applications.

Power and robustness for today's military logistics.
Available as 8x8, 8x6, 8x4, 6x6 and 6x4
axle configuration.



Up to
27 t



Up to
6 seats



Various cab
and engine
variants



Engine

- Powerful and efficient 6-cylinder in-line engines with up to 460 kW (625 hp)
- Up to 3,000 Nm torque
- Strong engine brakes, retarder as an option
- Engine types available for operation with low-quality fuel or kerosene
- Certified to Euro III, IV, V or VI emissions standards

Gearbox

- Mercedes-Benz PowerShift 3 for automatic gear selection
- Power transmission drive programs for Off-road-operation, optimized for the specific GCW
- Option: Cable PowerShift for manual gear selection

Cab

- Various cabs, three lengths and four different roof heights
- 100 % zinc-coated for long-lasting corrosion protection

Off-road capability

- Heavy-duty hub reduction axles for high ground clearance and durability
- Permanent all-wheel-drive for best traction
- Part-time front-wheel-drive or hydraulic auxiliary drive at front axle as an option
- Differential locks and inter-axle differential locks can be operated while driving
- Choice of single-tire types for optimum off-road performance
- Special options available for extreme climatic conditions (air intake pre-heaters, high-performance radiators, etc.)

Military options (selection)

- Fording capability
- Blackout lighting circuit
- Swivel-type roof hatch plus special centre seat /standing plate
- Provisions for strategic air, rail and sea transport
- Towing and recovery equipment
- Provisions for ADR/transport of hazardous goods; battery main switch
- Weapon brackets
- Central Tire Inflation System (CTIS)
- Spare wheel holder

Mercedes-Benz Arocs heavy tractors.

Powerful 8x8, 8x4, 8x6, and 6x6, 6x4 tractor configurations with military payloads of 75 t and more.



Up to
35 t (fifth-wheel load)



Up to
6 seats



GCW up to
250 t



Engine

- Powerful and efficient 6-cylinder in-line engines, ranging from 265 kW (326 hp) to 460 kW (625 hp)
- Up to 3,000 Nm torque
- Strong engine brakes, retarder as an option
- Engine types available for operation with low-quality fuel or kerosene
- Certified to Euro III, IV, V or VI emissions standards

Gearbox

- Mercedes-Benz PowerShift 3 for automatic gear selection with fast gearshifts for only short interruption of tractive power
- Power transmission drive programs for Off-road-operation, optimized for the specific GCW
- Option: Cable PowerShift for manual gear selection

Cab

- Various cabs, three lengths and four different roof heights
- 100 % zinc-coated for long-lasting corrosion protection

Handling and operation

- Optimal preparation ex-works for operation as a heavy-duty transport vehicle
- Option: Turbo Retarder Clutch (TRC) offering the following advantages:
 - The TRC develops up to 3,000 Nm for sensitive starting/manoeuvring, completely wearfree, therefore unlimited in time
 - The TRC features full utilization of engine power up to the traction limit (tire/ground)
 - Maximum braking performance of up to 720 kW
- Use of the dry clutch when driving continuously reduces fuel consumption and offers an emergency mode
 - Option: additional extra cooling system for save operation with full power demand at high ambient temperatures
 - Option: Independent hydraulic supply for trailer
 - Option: Cardanic and height adjustable semitrailer couplings
 - Option: Fuel capacity of up to 1,200 l

Off-road capability/Military options

- Capabilities and options of the Arocs range are also available for the heavy tractor types

Mercedes-Benz Arocs for medium-duty operations.

High mobility and agility.
4x4 single tires.



Up to
10 t
(single tires)



Up to
6 seats



Quick body
exchange
system



Engine

- Powerful and efficient 6-cylinder in-line engines, ranging from 175 kW (238 hp) to 390 kW (530 hp)
- Up to 2,600 Nm torque
- Strong engine brakes, retarder as an option
- Engine types available for operation with low-quality fuel or kerosene
- Certified to Euro III, IV, V or VI emissions standards

Gearbox

- Mercedes-Benz PowerShift for automatic gear selection
- Option: Cable PowerShift for manual gear selection

Cab

- Various cabs, three lengths and four different roof heights
- 100 % zinc-coated for long-lasting corrosion protection

Off-road capability

- Heavy-duty hub reduction axles for high ground clearance and durability
- Permanent all-wheel-drive for best traction
- Differential locks and inter-axle differential locks can be operated while driving
- Choice of single-tire types for optimal off-road performance
- Special options available for extreme climatic conditions (air intake pre-heaters, high-performance radiators)
- Part-time front-wheel-drive or hydraulic auxiliary drive at front axle as an option

Military options (selection)

- Fording capability
- Blackout lighting circuit
- Swivel-type roof hatch plus special centre seat/standing plate
- Mountings for strategic air, rail and sea transport
- Towing and recovery equipment
- Provisions for ADR/transport of hazardous goods; battery main switch
- Weapon brackets
- Central Tire Inflation System (CTIS)
- Spare wheel holder

Mercedes-Benz Atego for light-duty jobs.

Robust and reliable logistic vehicle.



Up to
5 t



Up to
6 seats



Quick body
exchange
system

Engine

- High-torque 4 and 6-cylinder engines
- Output range from 115 kW (156 hp) to 220 kW (299 hp)
- Dynamic maintenance computer for up to 120,000 km
- Designed for low maintenance and repair costs
- Engine types available for operation with low-quality fuel or kerosene
- Certified to Euro VI emissions standard

Gearbox

- Choice of 6, 8, and 9-speed transmission for drive systems
- Manual Shift
- PowerShift 3 (optional)

Cab

- Short S-cab, large L-cab up to crew cabin
- For up to 6 passengers and equipment
- 100 % zinc-coated for long-lasting corrosion protection

Off-road capability

- Permanent all-wheel-drive for best traction
- Differential locks and inter-axle differential locks can be operated while driving
- Choice of single-tire types for optimal off-road performance
- Special options available for extreme climatic conditions (air intake pre-heaters, high-performance radiators)

Military options

- Fording capability
- Blackout lighting circuit
- Swivel-type roof hatch plus special centre seat/standing plate
- Provisions for strategic air, rail and sea transport
- Towing and recovery equipment
- Provisions for ADR/transport of hazardous goods; battery main switch
- Weapon brackets
- Spare wheel holder

Mercedes-Benz Zetros tractor.

Heavy equipment semi-trailer with all-wheel-drive for heavy loads and sensitive goods. Available as 6x6 and 6x4 axle configuration.



Up to
36 t (fifth-wheel load)



Up to
6 seats



GCW up to
120 t

The new Zetros.

More power. More variants.
Now available. new-zetros.com



Engine and gearbox

- Reliable and strong 13-liter 6-cylinder in-line engine with 375 kW (510 hp) and 2,100 Nm torque
- More torque and power reserves in every situation
- Engine suitable for low-quality fuel or kerosene, available in Euro III
- Robust fully synchronized gearbox with 16 forward and 2 reverse gears, manual shift

Cab

- Spacious cab (medium cab as standard, walk-on roof available)
- 3-seater version (optional), optimized pass-through (no engine tunnel)
- Quick and safe boarding for the crew
- Ergonomic seating position and state-of-the-art dashboard from series production

Handling and operation

- Low vehicle height, low silhouette
- Seating behind the front axle guarantees safe and excellent handling and a smooth and comfortable ride for extended missions
- Balanced axle load distribution for safe handling regardless of load condition

Off-road capability

- Permanent all-wheel-drive with 2-speed transfer case and up to 6 various differential locks
- Heavy-duty planetary hub reduction axles with differential locks
- Heavy-duty main frame
- Cab behind engine for smoother ride with extraordinary off-road capability
- Balanced axle load distribution for safe handling regardless of load condition enhances crew safety without sacrificing off-road capabilities

Ready to meet every contingency

- Extremely robust chassis
- Single or twin tires at customer request
- Various load ratings with up to 40 t GVW and 120 t GCW

Military options

- Fording capability up to 800 mm
- Blackout lighting circuit
- Swivel-type roof hatch plus special centre seat/standing plate
- Provisions for strategic air, rail and sea transport
- Towing and recovery equipment
- Provisions for ADR/transport of hazardous goods; battery main switch
- Weapon brackets and spare wheel holder

Mercedes-Benz Zetros.

All-wheel-drive for heavy loads and sensitive goods.
Available as 2-axle and 3-axle configuration.



Up to
18 t
(single tires)



Up to
6 seats



375 kW
(510 hp)

The new Zetros.

More power. More variants.
Now available. new-zetros.com



Engine and gearbox

- Reliable and strong 13-liter 6-cylinder in-line engine with 375 kW (510 hp) and 2,400 Nm torque
- More torque and power reserves in every situation
- Engine suitable for low-quality fuel or kerosene, available in Euro III & V
- Robust fully synchronized gearbox with 16 forward and 2 reverse gears, manual shift

Cab

- Spacious cab (medium cab as standard, walk-on roof available)
- 3-seater version (optional), optimized pass-through (no engine tunnel)
- Quick and safe boarding for the crew
- Ergonomic seating position and state-of-the-art dashboard from series production

Handling and operation

- Low vehicle height, low silhouette
- Seating behind the front axle guarantees safe and excellent handling and a smooth and comfortable ride for extended missions
- Balanced axle load distribution for safe handling regardless of load condition

Off-road capability

- Permanent all-wheel-drive with 2-speed transfer case and up to 6 various differential locks
- Heavy-duty planetary hub reduction axles with differential locks
- Heavy-duty main frame
- Cab behind engine for smoother ride with extraordinary off-road capability
- Balanced axle load distribution for safe handling regardless of load condition enhances crew safety without sacrificing off-road capabilities
- Central Tire Inflation System (CTIS) for better traction on different surfaces, optional

Ready to meet every contingency

- Extremely robust chassis
- Single or twin tires at customer request
- Various load ratings with up to 40 t GVW
- Variants: platform truck or tipper

Military options

- Fording capability up to 800 mm
- Blackout lighting circuit
- Swivel-type roof hatch plus special centre seat/standing plate
- Provisions for strategic air, rail and sea transport
- Towing and recovery equipment
- Provisions for ADR/transport of hazardous goods; battery main switch
- Weapon brackets and spare wheel holder

Mercedes-Benz Unimog for extreme off-road missions.

Setting standards for the highest off-road mobility.



Up to
5 t



Up to
3 seats



Superior
off-road
performance

Engine

- Economical engines with up to 170 kW (231 hp), 900 Nm torque
- Engines certified from Euro III to Euro VI emissions standards
- Engine types available for operation with low-quality fuel or kerosene
- Extended maintenance intervals of 1,400 hours ensure low maintenance costs and high vehicle availability
- PTO optional as a mechanical interface for operating implements (600 Nm)
- High-performance engine brake reduces heating and wear of service brake

Gearbox

- Fully synchronized manual transmission with 8 forward and 6 reverse gears for sensitive tuned speed adaptation on and off-road
- Range group for speed adjustment from 1-90 km/h in off-road terrain
- The automatic 2-pedal system EAS relieves the driver of shifting and reduces clutch wear
- Electronic quick reverse

Cab

- Short bonnet design
- All-steel cab
- Seating up to three people
- Ergonomic seating position behind the front axle reduces vibration stress on the crew
- Roof hatch allows access to roof attachments from inside the cab

Off-road capability

- Welded heavy-duty torsionally-flexible frame construction
- Integrated 3-point-mountings for bodies, engine, gearbox and cab suspensions
- Portal axles with coil springs for high ground clearance
- Thrust tube-protected robust power train
- Short frame overhangs at the front and rear allow large angles of approach and departure
- 100 % climbing capability
- Option: Fording capability of up to 1,195 mm
- Tire pressure control system allows adjustment of tire pressure while driving

Mercedes-Benz Unimog with crew cab.

Superior off-road mobility with the large cab.



Up to
5 t



Up to
7 seats



Superior
off-road
performance

Engine

- Economical engines with up to 170 kW (231 hp), 900 Nm torque
- Engines certified from Euro III to Euro VI emissions standards
- Engine types available for operation with low-quality fuel or kerosene
- Extended maintenance intervals of 1,400 hours ensure low maintenance costs and high vehicle availability
- PTO optional as a mechanical interface for operating implements (600 Nm)
- High-performance engine brake reduces heating and wear of service brake

Gearbox

- Electropneumatic Power Shift (EPS) with 8 forward and 6 reverse gears
- Transmission with short-shift times and increased endurance
- Electronic quick reverse
- Options: Electronic Automated Shifting (EAS) and off-road working group

Cab

- Robust and ergonomic steel crew cabin, seating up to seven people
- Easy handling with innovative and straightforward operating controls
- Front camera to further improve the field of vision

Performance

- High standard load ratings
- Engine-run PTO as a mechanical interface (600 Nm)
- Standardized attachment points
- Uprated vehicle hydraulics

Off-road capability

- Welded heavy-duty torsionally-flexible frame construction
- Integrated 3-point-mountings for bodies, engine, gearbox and cab suspensions
- All-wheel-drive with single tires all around
- Differential locks at front and rear axles can be engaged while driving
- 100 % climbing capability
- Option: Fording ability up to 1,195 mm
- Drive shafts protected by torque tubes

Mercedes-Benz Unimog. Customized.

Handles everything with ease – including the toughest conditions.



Folding roof



Folding windshield and inserted side windows



Excellent all-round vision, in all directions



Engine

- Economical engines with up to 170 kW (231 hp), 900 Nm torque
- Engines certified from Euro III to Euro VI emissions standards
- Engine types available for operation with low-quality fuel or kerosene
- Extended maintenance intervals of 1,400 hours ensure low maintenance costs and high vehicle availability
- PTO optional as a mechanical interface for operating implements (600 Nm)
- High-performance engine brake reduces heating and wear of service brake

Gearbox

- Electropneumatic Power Shifting (EPS) system: easy to operate, helping the driver to focus on the road
- Electronic Automated Shifting (EAS) 2-pedal system as an option available

Cab

- Semi-forward control cab
- Short bonneted cab
- Cab is mounted at 3 points (not certified according to ECE R29)
- Unobstructed through-cab access
- Roll-over protection within body contour structure is required
- Easy emergency de-boarding
- Cabin is not certified according to ECE R29; Roll-over protection may be realized with suitable body design

Off-road capability

- All-wheel-drive with differential locks
- Fording capability of up to 1,195 mm
- 100 % climbing capability
- Low-pressure tires
- Long-travel coil springs
- Large-volume telescopic shock absorbers
- Portal axles with torque tubes
- Suited for “mothership” application

Mercedes-Benz Unimog airfield tractor.

Ready for unbraked towing and demanding work.



Up to
4 t



Up to
3 seats



**Torque con-
verter clutch**
For smooth accelera-
tion and deceleration



Engine and gearbox

- State-of-the-art Euro VI diesel engine with 130 kW (177 hp)
- Exhaust system with spark arrestor according to DIN EN 1834-1 with the above engine
- Euro VI emissions standard

Cab

- Excellent visibility on implements and towing rod through innovative cabin design
- Heated rear window
- Camera system for excellent view

Towing aircraft

- Torque converter for smooth heavy-duty towing
- Special towing mode ensures smooth starting off and safe towing up to 10 km/h
- Front mounting plate DIN EN 15432 type F1c, with height-adjustable NATO coupling
- Rear towing interface with two height-adjustable NATO couplings
- Excellent weight balance for towing and operation of implements

Mercedes-Benz G-Class.

Off-road mobility in a dynamic and compact vehicle.



The basis: State-of-the-art configuration

- High-torque common rail V6 diesel engine
- 5-speed automatic transmission
- Permanent all-wheel-drive with 2-speed transfer case
- Three separately controllable 100% differential locks
- Ladder-type frame-based chassis
- 12 V/24 V power supply
- EMC package according to MIL-STD 461F RE102
- Preparation for radio 24 V/60 A
- Hooded headlights, blackout lights
- Towing coupling with power socket 12 V or 24 V



Up to
2 t



Up to
4 seats



Superior
off-road
performance

Mercedes-Benz Vans.

Operational readiness you can count on.



Driving assistant systems

- Side wind assistant as standard
- Collision prevention assistant as option
- Lane keeping assistant as option
- Blind spot assistant as option
- High beam assistant as option
- Different airbag systems as option

Large range of variants

- Three roof heights
- Four vehicle length variants
- Chassis, crewbus or van

- Versatile seating option
- Engines from 84 kW (114 hp) to 140 kW (190 hp)
- Diesel, petrol and CNG engines
- Manual or automatic transmission

4x4 variants as options

- Engageable or permanent, with low-range
- Rear axle differential lock
- Center differential lock
- Special tires and control systems



Up to
2.7 t



Up to
9 seats



Large range
of variants

Armouring concept.

State-of-the-art technology for maximum safety.



Changing threats in conflict scenarios.

Defence vehicles operated in hostile environments are increasingly jeopardized by bomb attacks, mined roads and IEDs. Logistical tasks and peacekeeping missions have to be carried out nonetheless. This requires vehicles that offer maximum protection to their crew and operate reliably and with the utmost mobility in the most varied climates and infrastructures.

Armoured logistics and mission vehicles from Mercedes-Benz meet these complex demands.

Cornering the triangle – an optimization from Mercedes-Benz.

Achieving an extraordinary balance between the three factors of mobility, military payload and protection – the corners of the so-called “impossible triangle”: Mercedes-Benz takes up the challenge of extending these limits by co-operating with the best protection system companies to meet the needs of today’s military missions.

Protecting your crew.

Defence vehicles from Mercedes-Benz can be equipped with state-of-the-art armouring solutions added by many different options, such as NBC protection systems and preparations for remote-controlled weapon stations. And all this with just one aim – to protect your crew in every situation.

Armoured defence vehicles.

- ✓ Mercedes-Benz teams up with the best protection system companies to offer leading edge armoured cabs and bodies
- ✓ Armoured cabs available for G-Class, Unimog, Zetros and Arocs
- ✓ Maximum protection against ballistic threats, mines, roadside bombs and IEDs
- ✓ Protection levels tested and certified according to STANAG 4569/AEP 55 or national standards according to customer request
- ✓ Different cab variants and sizes can be offered
- ✓ Tailored to meet customers’ needs with individual seating arrangements, stowage concepts etc.
- ✓ NBC protection as an option



Special Chassis for special needs.

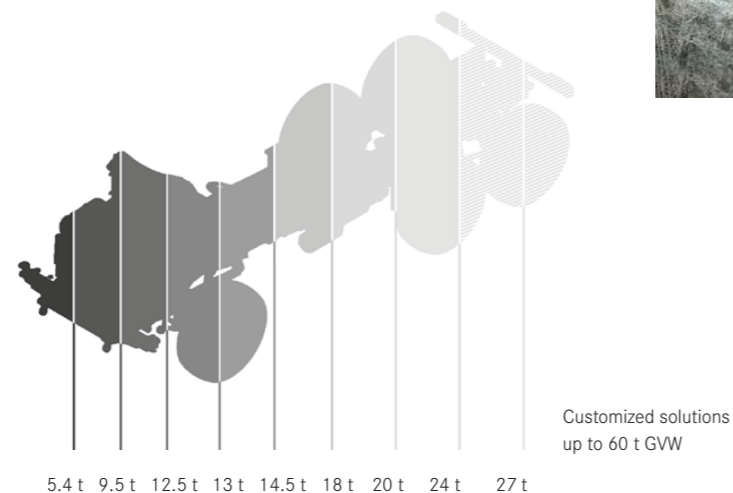
Automotive expertise from Mercedes-Benz combined with the know-how provided by special-vehicles manufacturers for both civilian and non-civilian use means that we are able to design appropriate automotive platforms to match the kind of body our customers envisage.

Starting point for success: the Unimog.

Due to our years of experience constructing and developing the Mercedes-Benz range of special vehicles, we have the expertise to design an up-market top-quality chassis for you. This includes intensively tested reliable interfaces to match the specifications of your customized bodies. Our most popular chassis is an adaptation of the Mercedes-Benz Unimog – the extremely mobile and versatile 14.5 t Special Chassis which has already been used as the ideal base for a very wide range of bodies. What you get is – after individual testing – a Mercedes-Benz premium product including the Mercedes-Benz superstructure permit.

The chassis drives the system.

All our chassis are industrially trialled and tested for special superstructures. From the engine through the drivetrain, wheels, frame and steering right up to the operating console and interfaces, proven components belonging to a major series from the world's largest truck manufacturer and adapted to operational requirements guarantee the mobility of your special vehicles.



Armoured troop carriers: creating the right balance.

It is vitally important for armoured patrol vehicles to achieve the right balance between protection, mobility, and load capacity for both crew and equipment. This can be achieved by using Mercedes-Benz Special Chassis for your customized bodies. Our approved mounting points give you more freedom to design your body configurations with armoured sections and load compartments to suit your customers' needs.



Chassis certified for use with armoured superstructures.



- Engine section
- Armoured section
- Loading section

Chassis features.

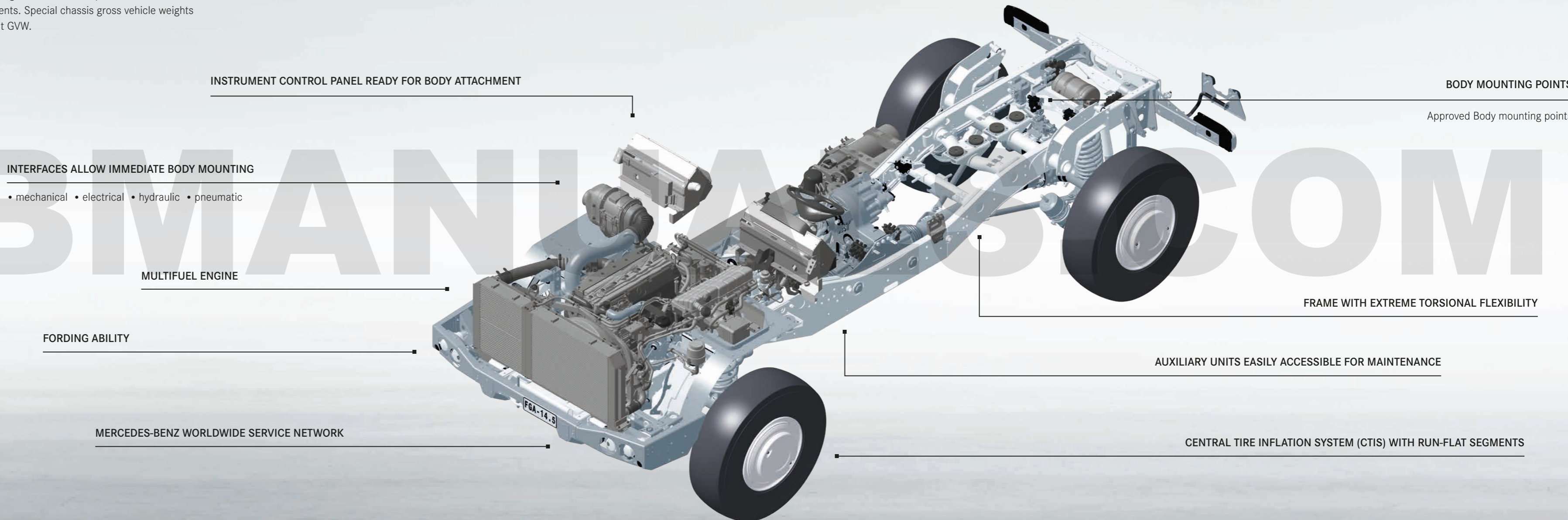
Your spin-off: all Mercedes-Benz Special Chassis (Unimog, Zetros, A-Series) benefit from series approved components adapted for heavy-duty requirements. Special chassis gross vehicle weights range from 9.5 t to 27 t. Customized solutions up to 60 t GVW.

Axle configurations.

4x4

6x6

8x8



INSTRUMENT CONTROL PANEL READY FOR BODY ATTACHMENT

BODY MOUNTING POINTS

Approved Body mounting points

INTERFACES ALLOW IMMEDIATE BODY MOUNTING

- mechanical
- electrical
- hydraulic
- pneumatic

MULTIFUEL ENGINE

FRAME WITH EXTREME TORSIONAL FLEXIBILITY

FORDING ABILITY

AUXILIARY UNITS EASILY ACCESSIBLE FOR MAINTENANCE

MERCEDES-BENZ WORLDWIDE SERVICE NETWORK

CENTRAL TIRE INFLATION SYSTEM (CTIS) WITH RUN-FLAT SEGMENTS

Notes.

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