Mercedes-Benz

Mercedes-Benz Actros

6x2 Rigid

2025 ★★★★★



SAFE DRIVING	CRASH AVOIDANCE	POST CRASH SAFETY
90%	78%	80%

Version 250925

Mercedes-Benz Actros

6x2 Rigid

SPECIFICATIONS

TESTED MODEL	6x2 Rigid
ENGINE	Diesel 455 hp
CHASSIS	Medium Height (922 mm) | Wheelbase (4600 mm)
TRAILER USED FOR TESTING	N/A
TEST WEIGHT	Half Laden
RATING ONLY VALID WHEN FITTED WITH	Active Drive Assist 3 - Proximity Control Assist - Active Sideguard Assist 2 - Active Lane Keeping Assist
APPLICABLE VARIANTS	6x2 Rigid Available as EV

VERDICT

Daimler Truck supplied a new 2025 Actros L with ProCabin tractor unit for testing, the ratings being transferable to the very similar Actros and it earning it a 5 star rating. The manufacturer acknowledged that this rating is also relevant for a rigid 6x2 version. The Actros features many of the safety features available that Euro NCAP consider enhances the safety of trucks. Owing to its lower cab mounting height, the direct vision of the Actros improves upon that of the ProCabin, and it is fitted with high performing ADAS technology that can support the driver in reducing the risk of a collision. Daimler Truck were the first heavy truck maker to fit a camera monitor system enhancing the driver's view and the first to offer a nearside turn cyclist collision detection system with active braking, both enhancing the safety performance in cities and earning the CitySafe award. The Actros also offers good support for the driver on motorways with good performance in both lane support and AEB tests suggesting that the Mercedes-Benz Actros is a good and safe choice for operators in both city and highway environments.

SAFETY PERFORMANCE

SAFE DRIVING 90%

OCCUPANT MONITORING			**25.0 / 25 PTS**
Seat Belt Usage			15.0 / 15 PTS
Driver Monitoring			10.0 / 10 PTS
VISION			**42.0 / 50 PTS**
Direct Vision	Volume: 16.8 m³		33.0 / 35 PTS
Indirect Vision			9.0 / 15 PTS
Class II mirror	●		
Class IV mirror	●		
Class V mirror	—		
Class VI mirror	—		
Innovation	●		
VEHICLE ASSISTANCE			**23.1 / 25 PTS**
Speed Assistance			13.8 / 15 PTS
Adaptive Cruise Control			9.3 / 10 PTS

GOOD ADEQUATE MARGINAL WEAK POOR ● FITTED — NOT AVAILABLE

COMMENTS

The Actros performs well in Safe Driving. The lower cab mounting height enhances direct vision and its use of camera monitor systems to replace mirrors helps it achieve an acceptable direct vision score. The camera monitor system provides an enhanced class II/IV views but it retains conventional class V/VI mirrors, lacking the enhanced corner view. The Actros scores full marks for seat belt reminders and its driver monitoring has a novel ‘safe stop’ feature that will automatically bring the vehicle to a controlled stop should the driver become unresponsive. A close following distance warning is provided and use of the ACC reduces the risk of front to rear collisions. It also features a very good speed assist system to inform the driver of speed limits and reduce the risk of inadvertent speeding.

SAFETY PERFORMANCE

CRASH AVOIDANCE 78%

FRONTAL COLLISIONS		**46.4 / 60 PTS**
Car		31.9 / 35 PTS
Pedestrian & Cyclist		14.5 / 25 PTS
LANE DEPARTURE COLLISIONS		**21.9 / 25 PTS**
Lane Departure		11.9 / 15 PTS
Car		10.0 / 10 PTS
LOW SPEED MANOEUVRING COLLISIONS		**10.0 / 15 PTS**
Turn Across the Path of a Cyclist		10.0 / 15 PTS

GOOD ADEQUATE MARGINAL WEAK POOR

COMMENTS

Daimler Truck was first to market with many of the collision avoidance systems Euro NCAP have evaluated and they offer technologies in all areas assessed. The Mercedes-Benz Actros AEB is very good at avoiding front to rear collisions with vehicles but the performance in frontal collisions with pedestrians and cyclists is bettered by some competitors. An emergency lane keep assist system is available, showing good performance if the vehicle unintentionally leaves the lane by limiting the excursion and returning to position in a controlled fashion. In the intentional lane change tests, the system avoided a collision with an adjacent vehicle in the blind spot in all cases. This system reduces the risk of collisions with other vehicles and roadside hazards and includes features to promote driver acceptance. Daimler Truck pioneered the development of an automated braking system to protect cyclists in nearside turning collisions, a potential game changer in a very emotive and high profile crash type. It performs well at protecting cyclists in these challenging incidents.

SAFETY PERFORMANCE

POST CRASH SAFETY 80%

RESCUE INFORMATION		**80.0 / 90 PTS**
Rescue Sheet & Guide		80.0 / 80 PTS
External Labelling		0.0 / 10 PTS
POST CRASH INTERVENTION		**0.0 / 5 PTS**
Advanced e-Call		0.0 / 5 PTS
VEHICLE EXTRICATION		**0.0 / 5 PTS**
Occupant Extrication		0.0 / 5 PTS

GOOD ADEQUATE MARGINAL WEAK POOR

FITMENT OF SAFETY FEATURES

SAFE DRIVING

Seat Belt Reminder Driver	●
Seat Belt Reminder Passenger	●
Seat Belt Reminder Centre Passenger	—
Attention Assist Direct Monitoring	●
Attention Assist Indirect Monitoring	●
e-Mirrors Class II & Class IV	●
Speed Assistance	●
Adaptive Cruise Control	○
Lower Door Window	✖

CRASH AVOIDANCE

AEB	●
AEB Pedestrian & Cyclist	●
Lane Keep Assist	○
Cyclist Nearside Turn	○
Emergency Lane Keeping	○

POST CRASH SAFETY

Rescue Sheet & Guide	●
External Labelling	✖
Advanced e-Call	✖
Occupant Extrication	✖

● STANDARD FITMENT ○ OPTIONAL FITMENT ✖ NOT AVAILABLE — NOT APPLICABLE