



Mercedes-Benz

# The Econic

Mercedes-Benz fire-fighting vehicles





## Ideally prepared for the job ahead: the Econic fire-fighting vehicle

When every second counts on rescue, recovery or firefighting call-outs, the Econic is just the job.

Whether it is being used with a hydraulic rescue platform or turntable ladder, or serving as an auxiliary fire tender – the Econic excels in every respect, with a low overall height of around just 3.00 metres including the body, sturdy, crash-tested cabs and high-torque engines, all combined with a short stopping distance and exemplary manoeuvrability. Which all means that, in an emergency, the Econic will get you to where your help is needed swiftly, reliably and safely.

# The Econic makes many things simpler, speedier and safer: such as rescue, fire-fighting and recovery

Anyone who dials the emergency services expects to receive help – swift, dependable help from the experts. Not only will you be prepared for any eventuality, you will also arrive quickly on the scene with the Econic, a vehicle that has been designed specifically with the tough demands of fire-fighting in mind.

## **The Econic: quick, consistent, safe**

The dependable, high-torque 6-cylinder engines in the Econic fire-fighting vehicle deliver the necessary rapid acceleration and power, developing as much as 240 kW (326 hp) to speed the crew to the scene of the incident. The purpose-designed automatic transmission that comes as standard ensures optimum transfer of power to the wheels and allows for sure, stress-free progress, even in the heat of the moment.

Extremely low: with an approximate total height of just three metres, the Econic is designed to get straight to the scene of an emergency without losing any time, even if there are low underpasses en route. Furthermore, the centre of gravity – kept low for design reasons – increases handling safety by a considerable margin. Then there is the highly effective disc-brake system, an optionally available retarder and extremely precise power steering. All of which make the Econic easy to control, even at the high speeds typical of fire-fighting vehicles.

## **The Econic: because every second counts**

The Econic cabs are also built to be extra-safe. They have been crash-tested and conform to the European ECE R29/2 crash test standard. Only flame-retardant materials have been used in the interior, and all corners and edges are rounded. The low entrance and flat floor in the spacious, high-roofed cab are a boon to both speed and safety, giving crews plenty of room to don protective clothing and breathing apparatus en route, for example. The low noise level inside the cab relieves the burden on the crew, enables effective communication with the commander and is conducive to high-speed driving.

The generously proportioned windscreen and windows together with the heated rear-view mirrors included as standard put the driver fully in control of any situation, no matter how tight or hectic things get.



Lightweight and safe: the lightweight-aluminium Econic cabs are fully crash-tested and meet the requirements of the European crash-test standard ECE R29/2



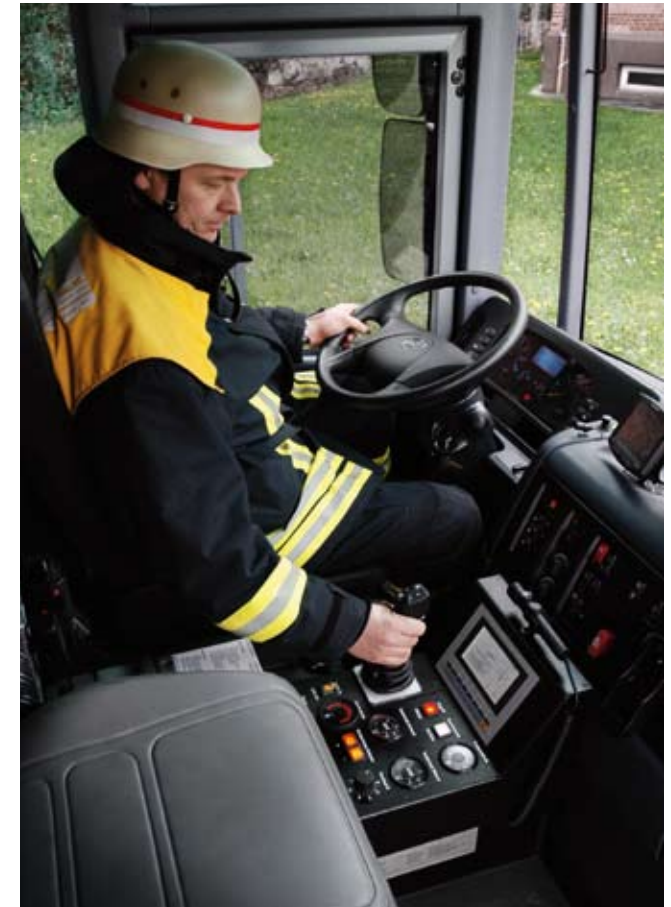
**The Econic: low in height, high in agility**

Speed alone is not enough, however. The low-floor concept featuring an extra-low frame gives the Econic a particularly compact overall height: just three metres or so in the case of the low cab combined with a turntable-ladder body, for example. This is one of the most important prerequisites for being able to drive under the vast majority of bridges and underpasses, allowing fire-fighting crews to reach the scene of the incident swiftly and safely without any detours and loss of time.

Another key asset in its favour is the short wheelbase which, combined with the hydraulically steered leading or trailing axle and the precise power steering, produces the agility required for manoeuvring in narrow spaces, for instance. As you can see, the Econic comes with all the qualities which fire brigades have to call upon day in and day out: speed, safety and that hallmark Mercedes-Benz reliability.



Scaling new heights: once the Econic has been correctly positioned, the stabiliser arms in combination with its excellent weight distribution ensure optimum stability as well as maximum reach and flexibility



Even the crew area can be tailored to specific requirements: Every item has its own, designated place where it is quickly and easily accessible



Rescuing people and extinguishing fires at the same time? No problem if you have the Econic on your side. The chassis is designed to meet the specific requirements of fire-fighting vehicles: practically any body combination can be employed

#### Advantages

- Low-entry concept with an extremely low centre of gravity
- High manoeuvrability
- Excellent safety standard
- Low overall height
- Powerful, reliable engines
- All-round air suspension
- Low/tall cab without engine tunnel, level cab floor for unimpeded passage
- Sturdy power take-off units

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