



MCV 600 SUPER HIGH DECK



AN MCV PRODUCTION


website: www.mcv-eg.com

*A user friendly environment surrounds
the driver with technology ...*



*and there's even
a fridge*



*Practical and comfortable
(rest assured)*

*Stars are driven. Shouldn't their drivers be made
as safe, relaxed and comfortable as possible?*

*The 600's cockpit is a paradigm of ergonomic
design. A new, infinitely adjustable, seat sets
unprecedented standards of comfort; a wide,
clear, uninterrupted field of vision is supported
by rear- and middle-view cameras; all controls
are readily accessible and user friendly; even a
fridge is incorporated into the workstation.*

*For extra-long distances, a sleeping compartment
is provided – this is neat, practical and luxurious
all at the same time; it is also of inestimable
benefit when operations require two drivers.*

Our star never forgets its supporting cast.



*An appetite big enough
to swallow any and all luggage*



A STAR IS BORN



The latest mirrors look good and let more be seen



Our flagship is designed ...



Once in a generation, a new star enters the world stage; a star that's head and shoulders above all contemporaries. Ladies and Gentlemen, allow us to present the MCV 600 Super High Deck.

Dynamic, practical, and with style written all over it, our latest flagship is wider, longer, higher and considerably more spacious than comparable players. Like every product of our academy, the 600 is versatile and immensely durable, ready to withstand all that fans can throw at it. It goes out of its way to be comfortable and accommodating.

Its free flowing lines grab attention at every turn, and its sheer power and strength ensure a long-running success story.

We are confident the MCV 600 will go far.



to look spectacular from any angle



Lighting the way



Make yourself comfortable



Personal services console



Entertaining and informing

Our rising star is a transport of delight



The leading role of a bus, of course, is to carry passengers. In preparing for this role, the MCV 600 reveals its true star qualities.

Luxury, comfort and practicality feature strongly throughout. State-of-the-art seats adjust for rake and width, the view from them through large, tinted windows, is positively panoramic. The comfort station (toilet to us) is stylish, equipped with a wide range of accessories and very spacious. The latest roof system allows each passenger complete freedom to choose their own environment; the audio-visual system is the best available; all the fabrics and interior fittings have been chosen for relaxation, harmony and functionality. This star already has a huge army of fans.

The stage is set for a glittering career ahead.



The latest in AV systems



A refreshing combination of fridge and kitchenette



Elegant and spacious overhead lockers

C H A S S I S B O D Y

Mercedes Benz bus chassis O 500 RS/1836/30

Engine
Mercedes Benz OM 457 LA.III/21 turbo and intercooler, 6 cylinders, vertical in-line, 4 cycle Diesel, watercooled
Smoke emission according to EURO 3
Output: 265 kW at 2000 rpm
Max. torque: 1600 N.m at 1100 rpm
Max. engine speed: 2100 rpm

Transmission
Mercedes Benz GO 210-6 manual gearbox, 6 speed
MFZ 430 single disc dry clutch

Steering ZF 8097 power steering

Brakes
Service brake: Dual circuit, full air system
Parking brake: Spring loaded rear brake chambers with air release
Exhaust brake and Top brake with electro-pneumatic actuation
Retarder: Voith R 115 E
Optional: ABS, ASR, ESP and EAS

Front axle Mercedes Benz VO 4/40 DCL-7.1
Rear axle Mercedes Benz HO 4/08 DCL-11.5

Suspension
Front suspension: air suspension, with 2 air bellows, 3 longitudinal bars, 1 cross bar and 1 leveling valve.
Shock absorbers: 4 telescopic, double-acting ; stabilizer.
Rear suspension: air suspension, with 4 air bellows, 2 tensive longitudinal bars, 2 triangular bar and 2 leveling valve.
Shock absorbers: 4 telescopic, double-acting ; stabilizer.

Wheels
Tyre size: 295/80R22.5 Rim size: 8.25x22.5
Fuel tank 500Litre/200
Batteries 2 x 12V, 135 A/h
Alternator 28V / 140 A

Dimensions
Wheelbase: 5950 mm
Overall length: 12100 mm
Overall width: 2550 mm
Overall height: 3608mm
Front overhang: 2650 mm
Rear overhang: 3500 mm
Internal height: 2010 mm
Luggage capacity: 13.2 m³ (without sleeping compartment)

Body specification
Type of structure: Welded closed profiles
Insulation: Effective insulation against heat and sound
Doors: Plug doors, front and middle, electro-pneumatic actuation
Passenger capacity: a) Seats 49 (pitch 750mm)
b) Seats 51 (pitch 750mm) without toilet

Type of seat: High back luxury seats with safety belts and side motion.
Ventilation: Two roof hatches, A/C Konvekta KL70 TB (28000 Kcal/h), Demister Aurora
Side windows: Fixed windows
Standard equipment: Roof system with air duct/personal units, parcel rack with flaps, air suspended driver seat, powered driver's window, fridge integrated in dashboard, Toilet, Heating with side convectors, Rear view camera, DVD player
Optional equipment: Kitchenette tm with fridge, driver's sleeping compartment; double glazing ; and Audio-Video system with LCD monitors



*Easily adjustable
and always safe*



The 600 is descended from a long line of star performers. All of them have a reputation for safety. Our latest lead player has built on this reputation. 2-point safety belts are fitted to every seat; fibre optics provide floor and roof lighting to define key areas - cutting edge technology pioneered by the aviation industry; anti-slip carpet is standard; all exposed edges are padded. Braking is provided by a dual circuit full-air system, with ABS, ASR, ESP, EAS available if requested. Loosely translated, this means VSI (Very Safe Indeed). The body, extremely tough in its own right, wraps itself around a welded steel skeleton of proven strength. When the safety curtain falls, the MCV 600 will be a very tough act to follow.



*Sit back, and enjoy
the performance*

