



**cobus 3000**

**contrac**  
cobus industries





## COBUS 3000 – we move people

**col**

### » Aeroplanes have to fly!

Minimising “ground times” is a major goal and a logistical challenge for each and every airport. Due to infrastructural limits growth is often only possible by way of creating remote position loading areas which, when combined with the COBUS, offer the most economical solution for passenger transport.

### » COBUS 3000 – at first glance

Remember: The trip across the apron is often the first and last(ing) impression that a passenger has of your country. The COBUS 3000 makes sure that this impression remains a positive one. Knowing this, customers have trusted the COBUS transport concept for four generations already.



### » COBUS 3000 – unbeatable features

- The outstanding transport capacity ensures efficient fleet management
- Shortest possible boarding and de-boarding times enable short turnarounds
- Passenger doors on both sides of the vehicle guarantee maximum mobility
- The engine gear unit which has been developed especially for airport operation, achieves unbeatable cost effectiveness
- The aluminium body allows the COBUS to enjoy a lifespan of at least 25 years



“Kneeling system” for comfortable and safe boarding and de-boarding



# COBUS 3000

## » COBUS 3000 – optimally equipped

An ergonomically designed cockpit and control elements, a fully adjustable driver's seat and an air conditioning unit – all as standard features allow for a stress-free operating climate for the Captain of the COBUS. Large, well positioned rear view mirrors both inside and outside the cab and exceptionally good all round vision facilitate easy manoeuvring even in the busy apron areas.

The ingenious, purpose-designed arrangement of all technical components belonging to the COBUS chassis provides optimum accessibility, thus reducing maintenance and servicing times. And those who save time also save operating costs.



Three extra wide automatic double doors guarantee a smooth, safe and easy entry or exit on either side of the COBUS. The pneumatic suspension can be “kneeled” allowing the passengers an entry or exit step height of only 290 mm, thus ensuring the shortest possible boarding and de-boarding times.

The “two way” exhaust system automatically directs the exhaust gases to the opposite side of the bus to where any doors are open.





# ***cobus* 3000**







### » COBUS 3000 – our performance – your advantage

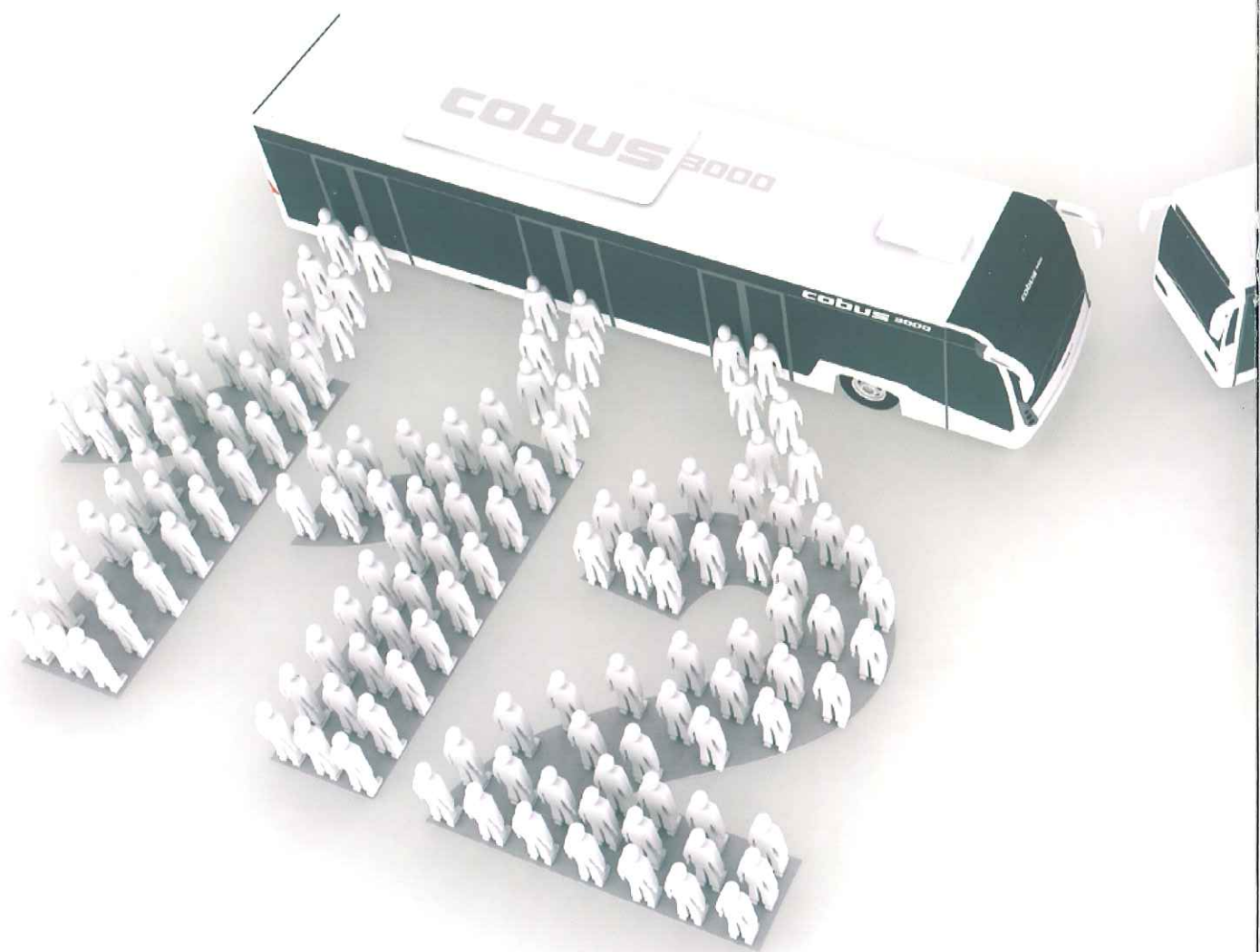
Up to 112 passengers (in accordance with IATA AHM 950) can be comfortably transported at one time. This is almost double the amount that can travel in a conventional city bus. The level of interior trim corresponds to the highest quality demands, choice of colours and materials and up to 14 seats offer a comfortable and relaxed passenger area. An optimised arrangement of hand rails guarantees the highest safety standards for all persons travelling in the COBUS.

Plenty of head room above the passengers, together with tilting windows and electrically operated roof hatches ensure a pleasant climate throughout the passenger compartment. Various optional air conditioning systems are offered for the passenger compartment should unusually extreme conditions make them a requirement.



Our performance – Your advantage

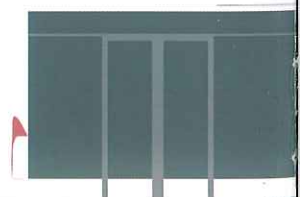
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COBUS 3000



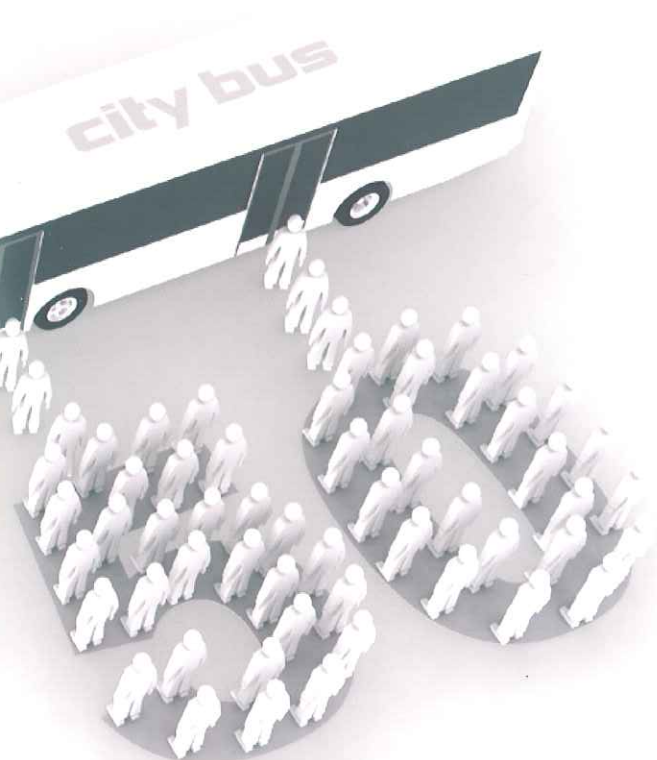
COBUS 3000



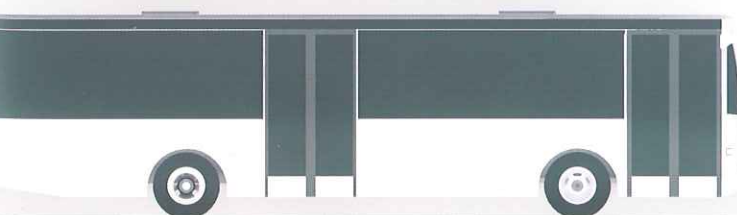
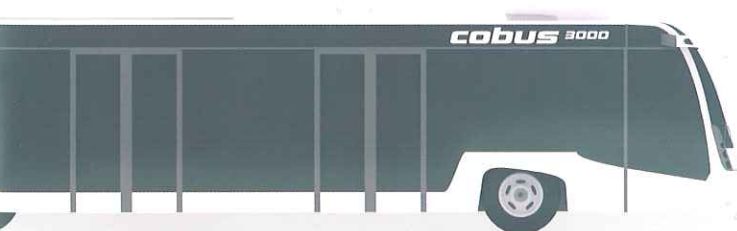
City bus



# COBUS 3000



City bus



## » Capacity

**One COBUS instead of two city buses.**

**The COBUS 3000 can move up to 112 passengers** – which is just simply double the capacity of one city bus. And what does this double capacity imply?

**Double bus capacity = multiple advantages:**

- » smaller bus fleets
- » lower investment
- » 50 % less personnel costs
- » higher flexibility

In addition the interior floor is flat and without steps, thus allowing several passengers at a time to get on the bus through the extra large doors and to quickly and comfortably find a place inside the passenger compartment.

## » Consumption

**4-5 litres of diesel per operating hour!**

What further argument is needed besides these unbeatable consumption figures of the COBUS?

The engine and transmission are designed uniquely for airport operation and guarantee optimal acceleration in each driving mode – all this at only a third of the fuel consumed by comparable buses. Taking into consideration that one COBUS replaces two city buses, there are fuel savings of up to 90,000 litres of diesel per year.



## Special requirements

### » Would you like to have some out-of-the-line features?

That's all right with us, because unique requirements are our specialty. Even though the COBUS in its standard configuration covers almost any demand, some operational, local or legal requirements may call for special equipment.

And what is best: Many of these extra options can be easily installed later on at the final destination.



Wheel chair ramp



Reversing camera



Monitor for reversing camera



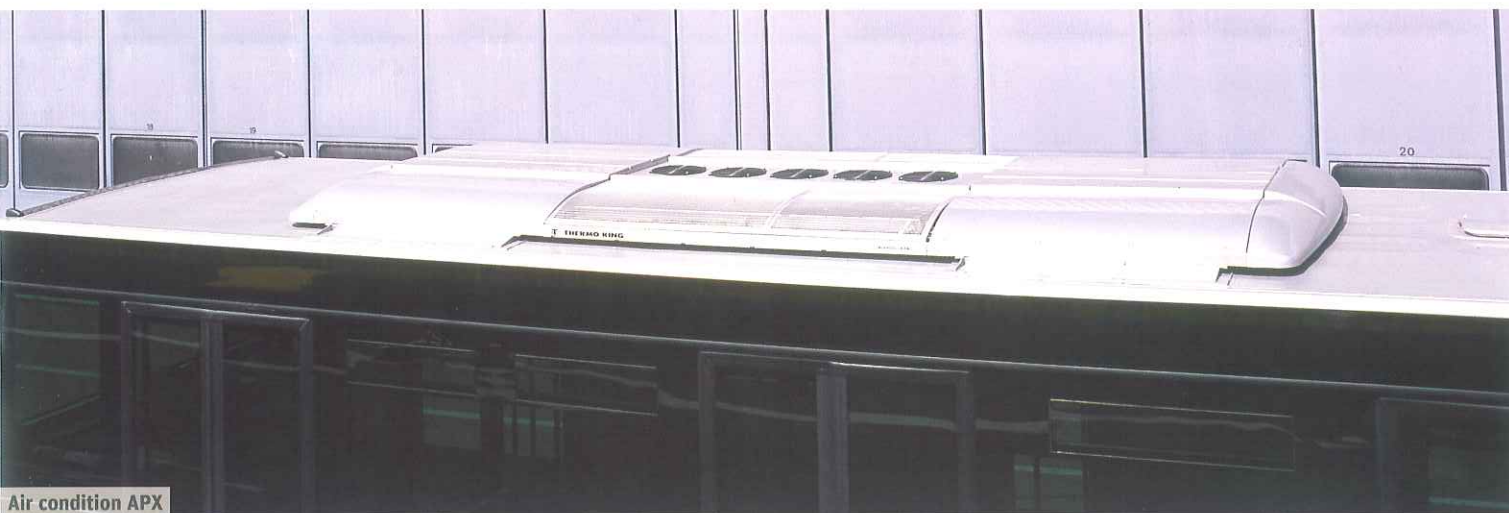
Preheater



Duct heat blowers



# ***cobus*** 3000



Air condition APX



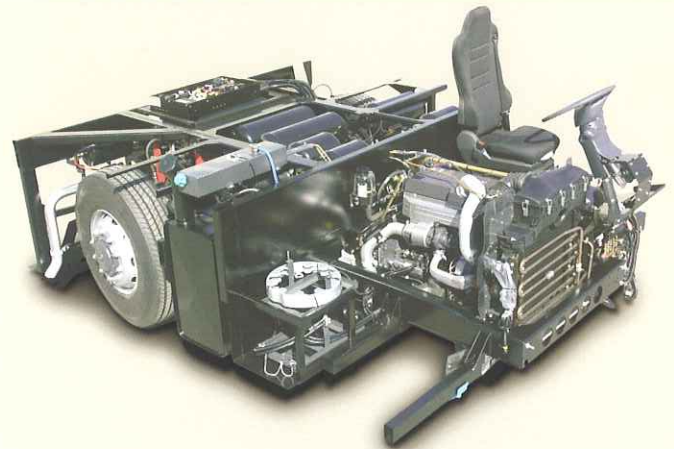
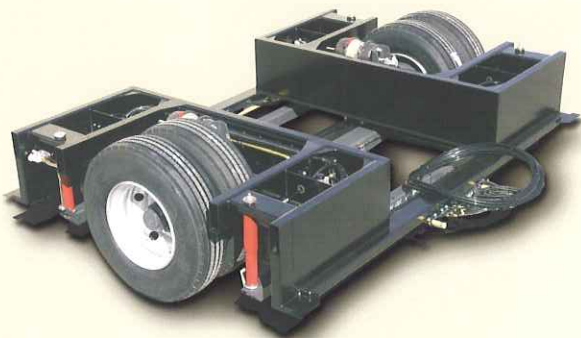
Power pack APX



## COBUS 3000 – quality from start to finish

The series-production of the COBUS low floor chassis and the COBUS aluminium body guarantee highest quality standards and minimum lifetime of the vehicle of at least 25 years.

Two plants with state-of-the-art production processes and several production lines, exclusively reserved for the COBUS, ensure the fastest delivery times with simultaneous high individualisation.



The COBUS chassis is the basis for successful operation on the airport apron. Large, multiple compressed air reservoirs allow for trouble-free handling in the typical “stop and go” conditions of airport operation. The Mercedes Benz drive train unit ensures unbeatably low fuel consumption and therefore contributes to the low operating costs.



Aluminium service flaps fitted to the sides, and flaps fitted to the front and rear of the COBUS allow simple and direct access to all maintenance-relevant components. In the case of accidental damage, all flaps can be quickly and easily replaced thus reducing any “down-time” normally associated with bodywork repairs.

Excellent maintainability due to easy accessible switch board.



## Technical data

# cobus 3000

### COBUS Chassis

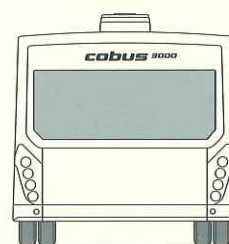
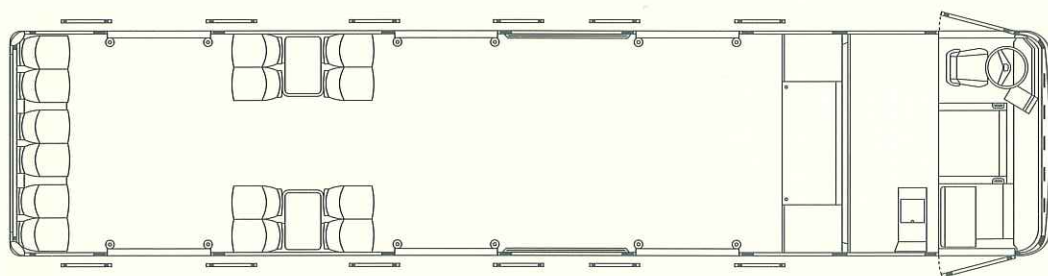
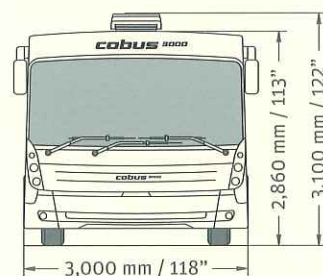
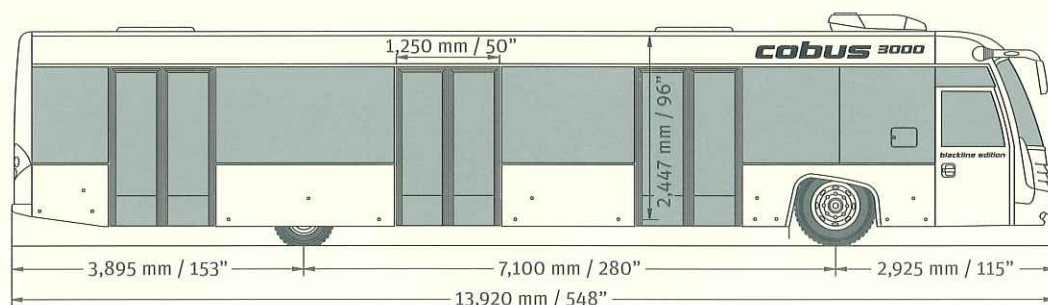
[All technical specifications subject to change without notice]

Chassis	MERCEDES BENZ BF 30 low floor
Wheelbase	7,100 mm
Engine	MERCEDES BENZ OM 904 LA
Gear box	ALLISON automatic with 5 forward and 1 reverse gear
Suspension	Pneumatic with "kneeling system"
Exhaust system	"Two way" system exhausting to the side with the closed doors
Entrance height	Approx. 290 mm
Gross vehicle weight	20,400 kg
Load capacity	10,000 kg

### COBUS Body

Body	Worldwide patented CO-BOLT aluminium body with a lifetime of at least 25 years
Passenger capacity	Up to 112 pax and up to 14 seated (according to IATA AHM 950)
Floor	Level floor throughout with no steps or incline
Passenger doors	3 automatic doors per side of extra wide design
Standard equipment	Air conditioning for driver's cab, 2 electrically operated roof hatches in the passenger compartment

The COBUS 3000 fulfils the requirements of the IATA Aircraft Handling Manual 950.





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