

# Pioneers in airport mobility



# Leading technology made in Europe

ON THE FAST LANE SINCE 1983



1983

Foundation of  
Confrac GmbH,  
later renamed to  
COBUS  
Industries GmbH

1990

Start of the  
production  
and delivery of  
COBUS airport  
buses

**33**  
**JAHRE**  
**YEARS**  
**COBUS**  
**SINCE 1990**



**2005**

**2014**

**2015**

**2019**

**2022**

Introduction of  
the new  
generation of  
airport buses

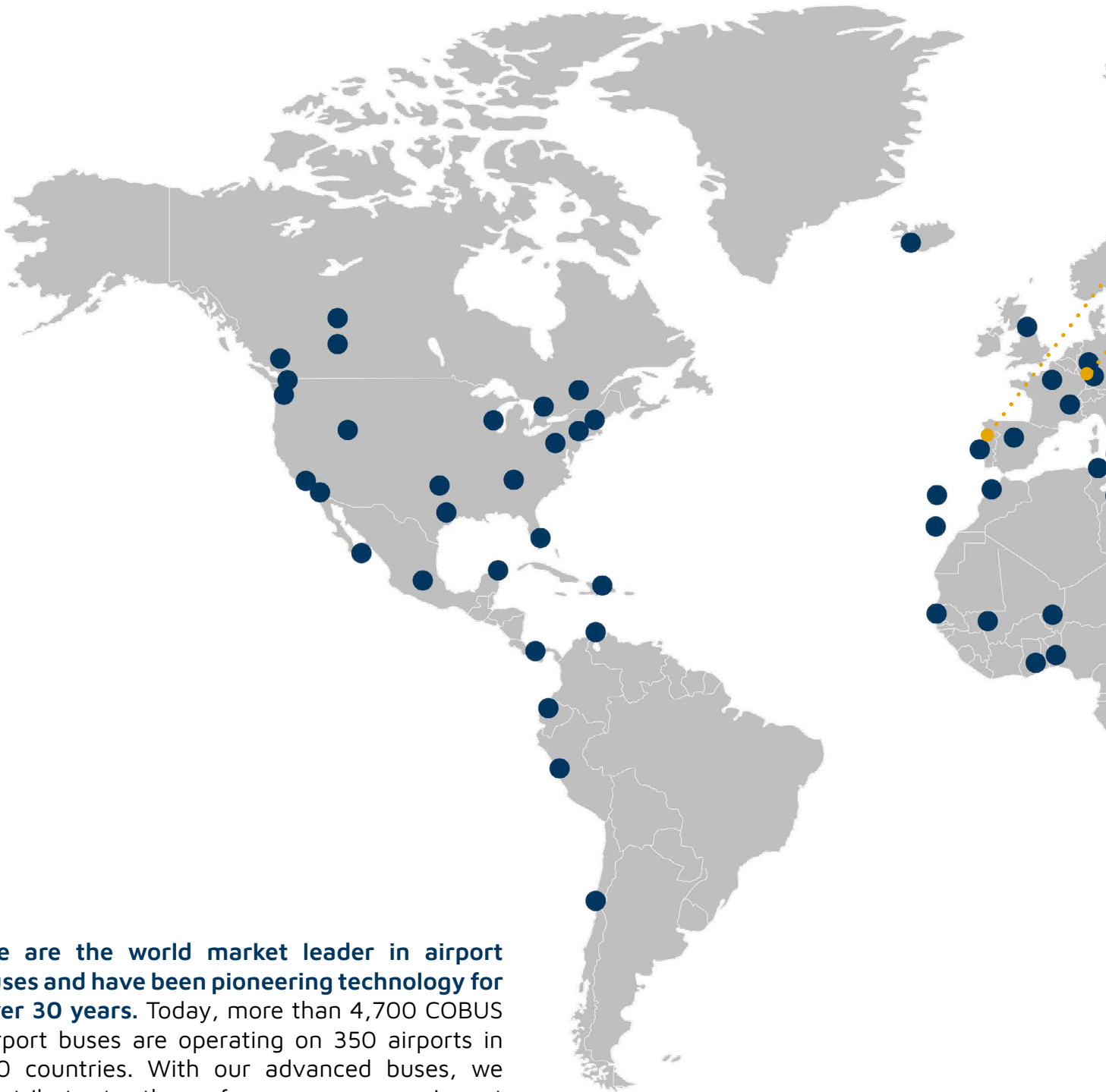
Development  
of the  
e.COBUS

Introduction  
of the latest  
generation of  
COBUS airport  
buses

e.START  
from Diesel  
to Electric

Introducing  
COBUS  
Vega &  
COBUS  
Hydra

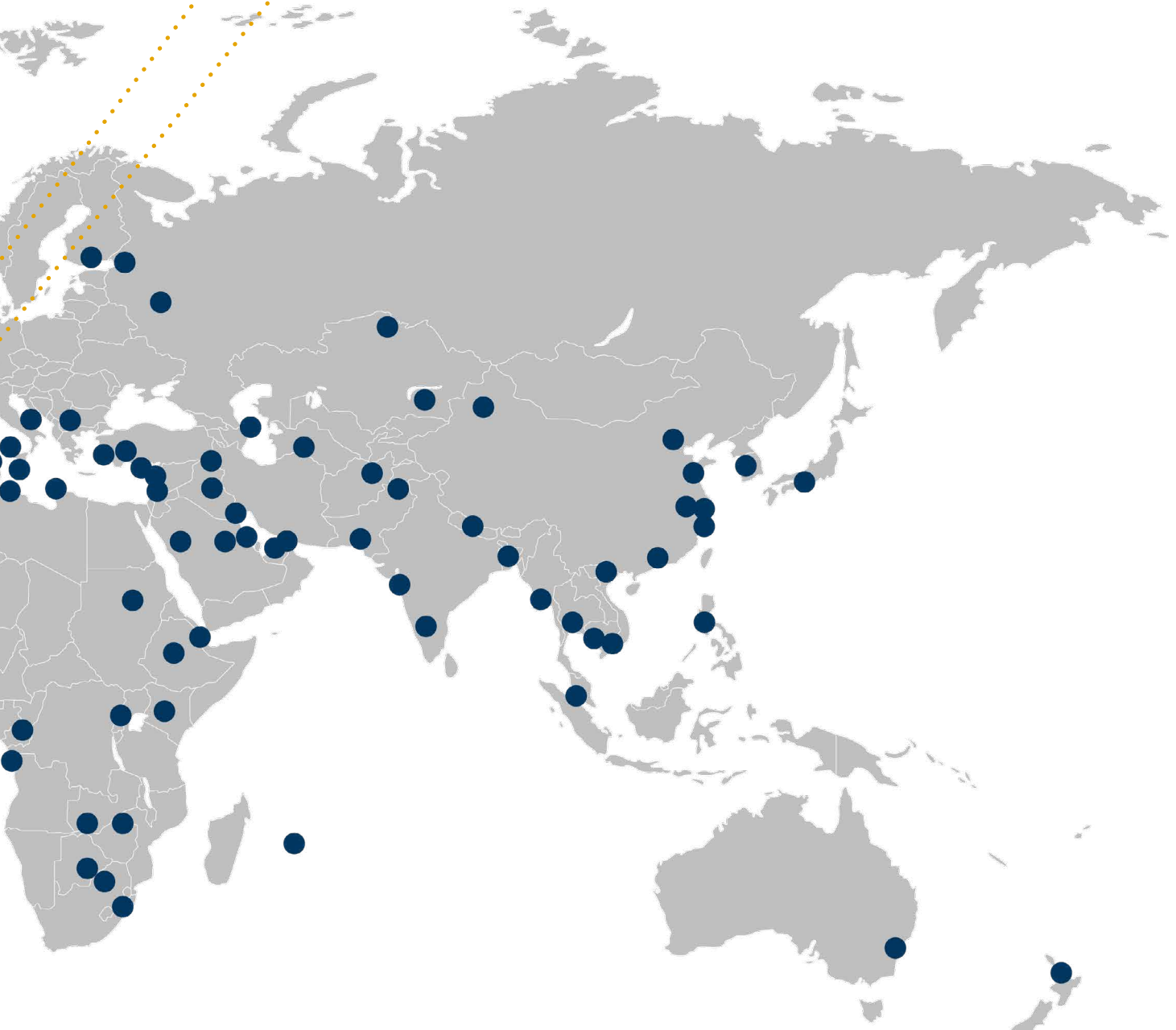
# Global leader - COBUS Industries



**We are the world market leader in airport buses and have been pioneering technology for over 30 years.** Today, more than 4,700 COBUS airport buses are operating on 350 airports in 110 countries. With our advanced buses, we contribute to the safe passenger service at airports worldwide every day. Our customers benefit from high-performance, very durable products that ensure sustainable and efficient operations.

**Production**  
Porto, Portugal

**COBUS Industries GmbH**  
Wiesbaden, Germany



**110**  
countries  
worldwide

**350**  
airports  
operate  
COBUS

**4700**  
buses  
sold

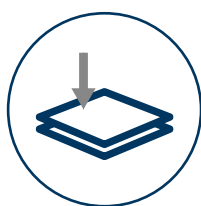
# Welcome to the world of COBUS

MORE FASCINATING THAN EVER



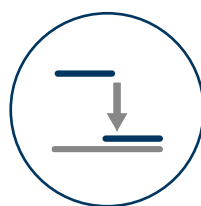
## Aluminum body

ultralight aluminum body structure for maximum efficiency and sustainability



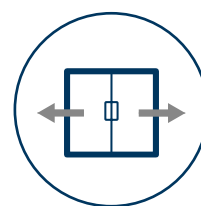
## Low floor

interior design, for fast and comfortable passenger embarking/ disembarking



## Kneeling system

For minimum step in height, safe and quick embarking and disembarking



## Extra wide doors

on both sides for flexible and quick embarking/ disembarking, less time per turnaround



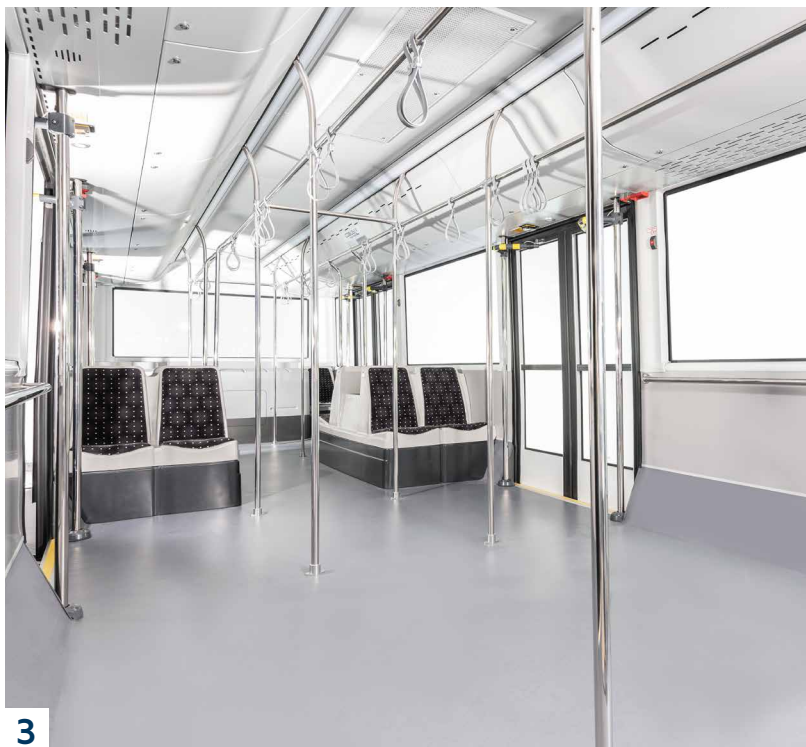
aluminum body with more than 25 years of vehicle lifetime

We continuously develop and optimize our product portfolio and services with energy, enthusiasm and flexibility. Based on our product range of buses with diesel, electric or hydrogen drive, we enable customers to find the best solution for their specific requirements.

With pioneering technological work and based on our decades of experience, we develop durable products and generate sustainable solutions for our customers. Our buses delivered around the globe are proof of our success, enduring customer satisfaction and long-term business relationships.

We stand for the sale and service of airport buses worldwide and support our customers in achieving their goals in the best possible way!

In product development we always focus on resource efficiency, state of the art technology and safeguarding the future. The basis of our daily work is personal responsibility, loyalty and respect for fellow human beings and the environment.



1. INNOVATIVE COCKPIT WITH DAIMLER BUSES INSTRUMENTS
2. EXTRA WIDE DOORS ON BOTH SIDES
3. LOW FLOOR INTERIOR DESIGN
4. SERVICE FLAPS FOR EASY AND QUICK MAINTENANCE ACCESS

COBUS - e.COBUS

# e.COBUS - pioneer in e-mobility

FIRST FULL ELECTRIC AIRPORT BUS



100%  
CO<sub>2</sub>-free  
electric  
drive



## ■ FULL ELECTRIC DRIVEN WITH ADVANCED BATTERY TECHNOLOGY

up to 350 kWh batteries for almost endless operations; pre air-conditioning enables extended autonomy; roof-mounted battery packs ensure maximum passenger capacity

## ■ ULTRALIGHT ALUMINUM BODY STRUCTURE

safe and reliable: ultralight aluminum body structure with a lifetime of 25 years enables maximum efficiency and sustainability in operating with the batteries used

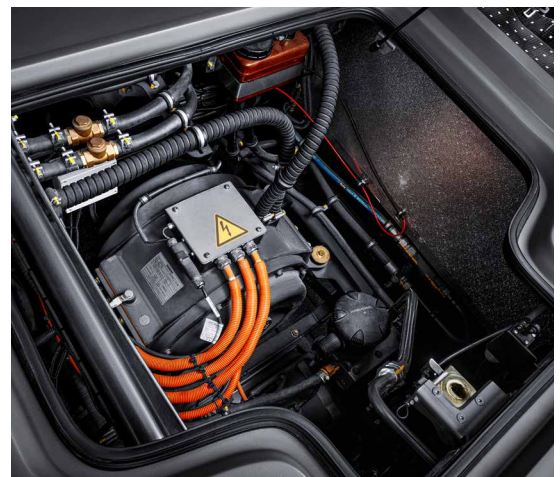
## ■ SUSTAINABLE AND COST-EFFICIENT OPERATION

significantly reduced emissions with a full electric powered low-floor airport bus; the telematic system supports your operation and maintenance process

## COBUS - e.COBUS

COBUS Industries developed the first full-featured airport bus with electric drive. The e.COBUS is in daily reliable use at many airports – from Europe and North America to Asia.

The e.COBUS offers all outstanding features of the diesel version, however, combined with the 100% CO<sub>2</sub>-free electric drive. In combination with fast chargers, intermediate charging allows continuous operation. With our improved product e.COBUS ER (Extended Range) we can provide transit times of about 500 kms/ 50 hours.



## Product Overview

- Types & Dimensions\*

	e.COBUS 3000 ER	e.COBUS 2700 ER	e.COBUS 2700S ER
<b>Length</b>	13.9 m	13.9 m	12.1 m
<b>Width</b>	3 m	2.7 m	2.7 m
<b>Height</b> (depending on configuration)	3.10 - 3.25 m	3.10 - 3.25 m	3.10 - 3.25 m
<b>Turning radius</b>	13.9 m	13.9 m	12.1 m
<b>Step height</b>	290 mm	290 mm	290 mm
<b>Capacity (up to)</b>	110	96	77
<b>Doors on each side</b>	3	3	2
<b>Motor type</b>	Electric	Electric	Electric



\* Further details are provided in our data sheets per product type; all dimensions are considered as approx.

# COBUS Diesel Buses as fascinating as ever



fast,  
reliable,  
economic



## ■ **MOST ECONOMIC OPTION FOR PASSENGER SERVICE**

shortest embarking and disembarking times; large passenger area with minimal overall dimensions; short „turnarounds“; increase of terminal capacity of airports and considerable reduction of ground times of aircraft

## ■ **ALUMINUM BODY STRUCTURE WITH A LIFETIME OF 25 YEARS**

extra wide doors and low-floor for maximum passenger comfort & capacity; special features are determined to save time & costs; ultra-low emission due to the low weight

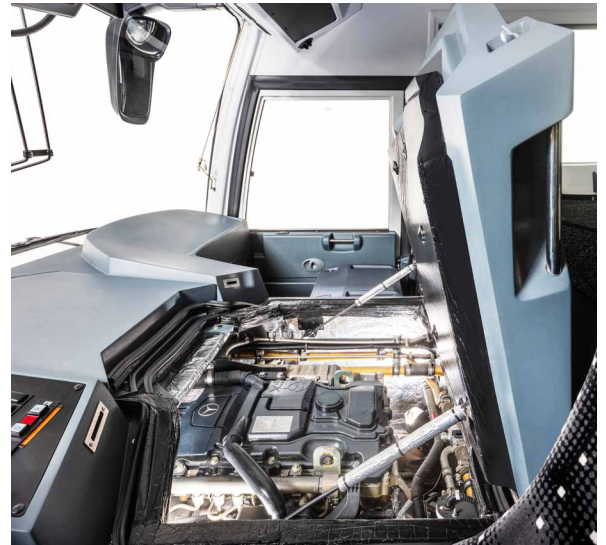
## ■ **RELIABLE ULTRA-LOW EMISSION ENGINE FROM DAIMLER BUSES**

fuel efficient 4 cylinder diesel engines acc. to emission regulations prevailing in each country; capable for HVO (Hydrotreated Vegetable Oils) fuel; very low consumption per turnaround

## COBUS - Diesel Buses

The COBUS airport bus was designed to meet the requirements prevailing on the apron in the best possible manner.

The transport concept of the COBUS ensures the most comfortable, efficient and quickest method of connecting passengers to remote positions. The COBUS airport bus can be configured with various options according to customers' requirements and wishes. It can be equipped with seating and material arrangements matching the corporate identity of our customers.



## Product Overview

- Types & Dimensions\*

	COBUS 3000	COBUS 2700	COBUS 2700S
<b>Length</b>	13.9 m	13.9 m	12.1 m
<b>Width</b>	3 m	2.7 m	2.7 m
<b>Height</b>	3.1 m	3.1 m	3.1 m
<b>Turning radius</b>	13.9 m	13.9 m	12.1 m
<b>Step height</b>	290 mm	290 mm	290 mm
<b>Capacity (up to)</b>	110	96	77
<b>Doors on each side</b>	3	3	2
<b>Engine type</b>	Diesel	Diesel	Diesel



\* Further details are provided in our data sheets per product type; all dimensions are considered as approx.

# The next generation



ELECTRIC AND HYDROGEN DRIVEN AIRPORT BUSES

## COBUS Vega

COBUS has brought a star down to earth: COBUS Vega. It is a consequent development focusing on ecological challenges, economical demands and enhanced passenger comfort.

The COBUS Vega is the first product of the new COBUS series as purpose-designed full electric airport bus. Operational time and costs can be saved considerably, due to the largest possible passenger capacity, meaning less buses in total. The COBUS Vega comes in a brand-new designed shape, with the original proven features and dimensions.

## COBUS Hydra

Our challenge every day is to build the future of airside passenger mobility. Hydrogen is a new path through innovation and COBUS is the pioneering manufacturer of this state-of-the-art driven technology for airport mobility.

This is also giving a boost to the modernization of airport infrastructures as hydrogen, even in small quantities, has a huge capacity for energy storage. The latest member of the COBUS star family, the COBUS Hydra is developed in-house and based on the proven concept of the e.COBUS 3000.



reddot winner 2023



## COBUS VEGA



original dimensions of 12 and 14 meters length and 2.7 or 3.0 meters width

reduced costs due to very fast embarking / disembarking of passengers through 3 extra-wide doors on both sides and an additional door at the front right-hand side

highest passenger comfort is guaranteed thanks to its complete low-floor and extended standing area

## COBUS HYDRA



Refueling time is less than 9 minutes, depending on the station

based on the proven concept of the e.COBUS 3000

Operational pressure 350 bars, Autonomy up to 500 kms

# COBUS

# Service Team

MAKING THE DIFFERENCE

Excellent service is the key for us. COBUS Service Team ensures the best performance of the COBUS airport bus. Get full service support over the entire lifetime of the COBUS airport bus.



- **Factory overhauled**  
according to exacting standards
- **Refit certificate**  
and extensive COBUS Industries product warranty
- **Equipment and accessories**  
according to customer's specific requirements
- **COBUS Industries' spare parts availability**  
even for first generation COBUS
- **Commissioning and training**  
of drivers and maintenance personnel at site



**COBUS Academy**  
for training  
(on-site, in our  
factory or remote)



**COBUS R.E.A.L.**  
for remote expert  
assistance life  
with VR glasses



**COBUS Inspect**  
inspections made  
by our service team  
on current fleets



**COBUS Refit**  
doing maintenance  
and overhauls of  
older COBUS buses



**COBUS e.START**  
our conversion  
from Diesel COBUS  
buses to electric



**COBUS Service**  
we offer Service  
Level Agreements



# COBUS

## Business Solutions

FLEXIBLE PAYMENT SOLUTIONS

COBUS Business Solutions offers a wide range of financial solutions designed to meet our customers' needs.



- **Managing cash flow**  
Acquire the desired equipment with virtually no cash outlay
- **Get the technological edge**  
Upgrade to new and better equipment anytime
- **Keep existing credit lines open**  
Capital resources remain intact and accessible
- **Flexible end-of-term leasing options**  
Keep the equipment, return it or lease new equipment
- **Quick and easy**  
We offer state-of-the-art financing



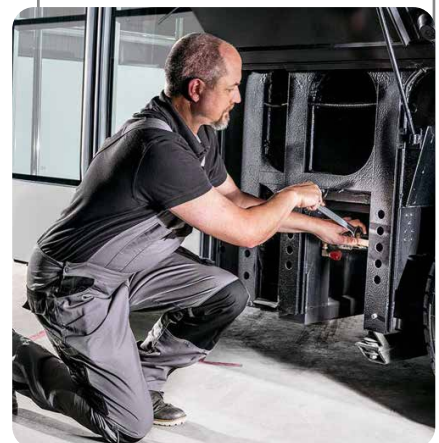
**Seasonal rental**



**Financial leasing**



**Operational leasing including maintenance**





**33**  
JAHRE  
YEARS  
COBUS  
SINCE 1990