

THE ROAD TO CLEANER CITIES STARTS HERE

ARTHUR ZERO: the all-new hydrogen fuel cell bus, designed from the ground up to redefine zero-emission public transport.



ARTHUR



GET READY FOR A FUTURE OF EMISSION-FREE MOBILITY. MEET ARTHUR ZERO!

The solution to modern mobility challenges is clear: zero-emission propulsion. The question is how we are going to get there? At ARTHUR BUS, we are already speeding up the transition to emission-free mobility in public bus transport.

FROM ZERO TO SERIES PRODUCTION IN THREE YEARS

ARTHUR BUS GmbH is a Munich-based bus manufacturer (OEM) and system provider committed to innovative transport solutions for emissions-free mobility.

Founded in 2021, we have successfully designed, built, and delivered the ARTHUR ZERO – the most advanced hydrogen bus on the market – to customers, all within just 3 years. The city bus for public transport is characterised by its low consumption and long range.

By using sustainable materials and an innovative energy concept including optimised fuel cell technology, we are setting new standards in environmental friendliness and efficiency.

As a German bus manufacturer (OEM), ARTHUR BUS equips its hydrogen buses with state-of-the-art technology to meet the evolving needs of modern public transport.

Beyond complying with all EU regulations, our vehicles also fulfil the advanced GSR2 requirements, setting new benchmarks for safety and performance.

ARTHUR ZERO 12 M
TECHNICAL SPECIFICATIONS

Dimensions & Range

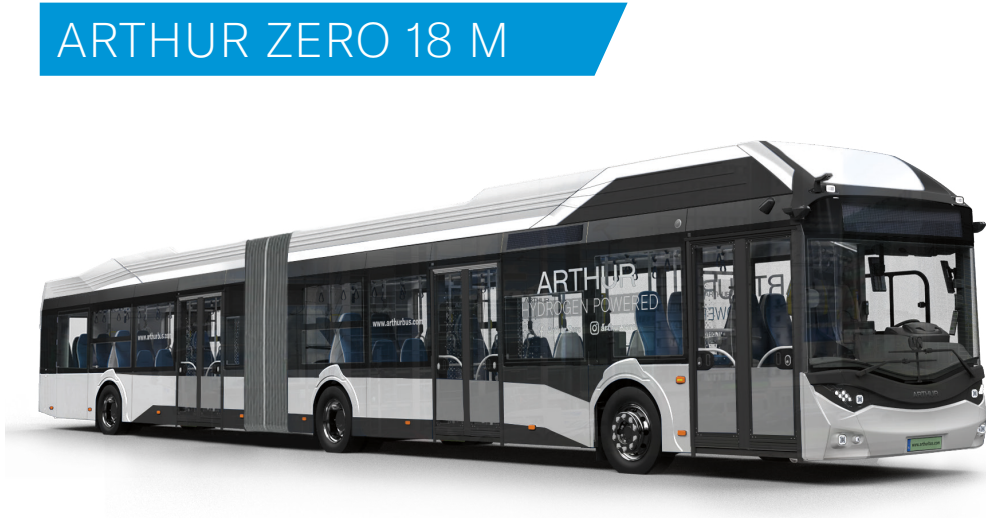
length	12,015 mm
width	2,527 mm
height	3,300 mm
wheelbase	5,951 mm
range	> 500 km

Powertrain

fuel cell	FC 60 – 125 kW
electric motor	2 X 125 kW / 1 x 250 kW
hydrogen tanks	37,5 KG / 350 bar type 4
traction batteries	30 kWh LTO (up to 45 kWh)
hydrogen consumption	< 6 kg (according to SORT 2)

Chassis: ARTHUR BUS©

front axle	ZF RL 82 EC independent
rear axle (drive)	AVE 130 / AV 133
lubrication system	automatic central lubrication system
steering	ZF servocom
brakes	EBS, ABS, ASR, WABCO; hand brake



MOVING MORE WITH LESS: THE ARTHUR ZERO.

As cities grow and passenger numbers increase, public transport systems must rise to the challenge. The ARTHUR ZERO 18 M provides the perfect solution for high-capacity routes, delivering clean, efficient, and spacious transportation for urban networks.

POWERING THE FUTURE OF HIGH-CAPACITY TRANSIT

The ARTHUR ZERO is more than a bus – it's part of a vision for clean and sustainable urban mobility. With significantly more passenger capacity than a standard bus, this articulated vehicle is ideal for high-demand routes. Its zero-emission hydrogen fuel cell technology not only improves air quality but also reduces operating costs.

The vehicle's innovative energy management system optimises the performance and efficiency of the key components, guaranteeing uncompromised range and operational availability, even under heavy-duty conditions. Additionally, the ARTHUR ZERO offers a customisable door and passenger information system as well as alongside a comprehensive safety suite featuring driver monitoring and cyclist detection.

Thanks to our in-house chassis design, we maintain full control over quality and customisation – from concept to delivery. The ARTHUR ZERO combines efficiency, capacity, and environmental responsibility.

Together with our partners, we cover the entire value chain, from hydrogen refuelling stations to the seamless integration of entire fleets, making fleet transformation easier and more cost-effective.

ARTHUR ZERO 18 M
TECHNICAL SPECIFICATIONS

Dimensions & Range

length	18,350mm
width	2,527 mm
height	3,300 mm
wheelbase	5,951 / 6,751 mm
range	> 500 km

Powertrain

fuel cell	FC 100 – 125 kW
electric motor	2/4 X 125 kWh / 1 X 250 kW
hydrogen tanks	50 kg / 350 bar type 4
traction batteries	60 kWh LTO
hydrogen consumption	< 7.5 kg

Chassis: ARTHUR BUS©

front axle ZF RL	82 EC INDEPENDENT
rear axle (drive)	AVE 130 / AV 133
lubrication system	automatic central lubrication system
steering	RB servocom
brakes	WABCO, EBS, ABS, ASR

LET'S MAKE WHAT THE FUTURE BRINGS.

Ready to experience the ARTHUR ZERO?
Contact us today for a demonstration
and discover the future of transportation.

YOUR CONTACTS FOR EMISSION-FREE MOBILITY



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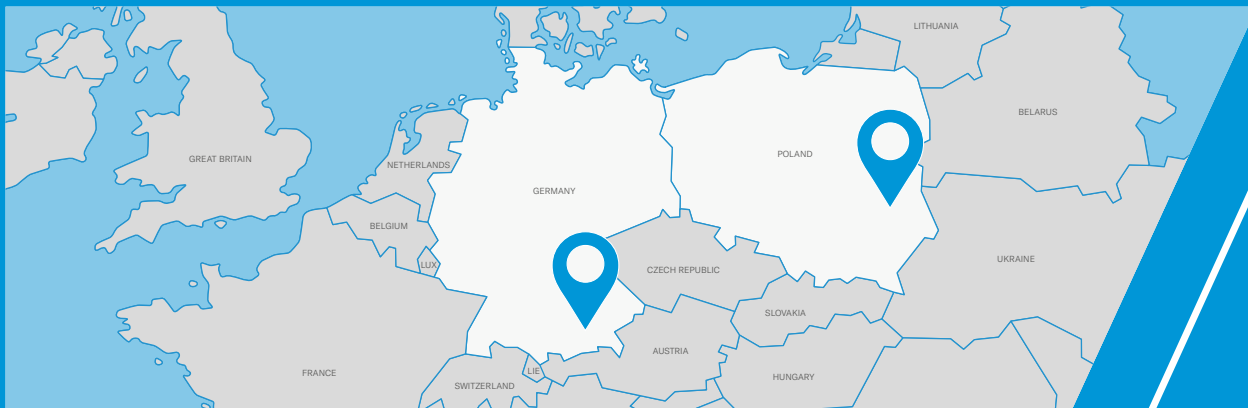


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SCAN TO LEARN HOW ARTHUR BUS
DELIVERS THE COMPLETE ZERO-EMISSION
VALUE CHAIN.

OUR WEBSITE



INFRASTRUCTURE

