

SIGMA



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REDEFINING ZERO-EMISSIONS PASSENGER TRANSPORT



EUROPE'S BROADEST RANGE OF LOW-FLOOR ELECTRIC BUSES



Mellor, the UK's leading experts in size appropriate buses, present Sigma; the new fully electric, emissions-free bus range making travel accessible for all passengers.

The Sigma battery electric bus range includes six models, from 7 to 12-metres, with GVWs from 8 to 19-tonnes, and passenger capacity from 31 to 84.

Sigma represents one of the largest ranges of low-floor battery electric buses from any manufacturer in Europe; a zero-emission, zero compromise public transport solution, from a trusted UK bus manufacturer.

This unique product range offers public transport operators a complete range of battery electric buses, for clean and sustainable passenger transport.

MELLOR EXCELLENCE

60 YEARS STRONG

We understand buses. Our UK-based designers have crafted best-in-class accessible buses for over 60 years.

Mellor has a wealth of talented engineering, manufacturing and customer care professionals, ready to look after your fleet throughout its lifetime.

We understand the need to future-proof passenger

transport and make zero-emissions travel a reality for public transport operators, without compromising passenger accessibility.

Drawing on our unrivalled technical know-how, we believe Sigma is the answer to sustainable and accessible transport, for all bus fleets.



Sigma size-appropriate battery electric buses are designed with best-of-British expertise to make sustainable travel viable and affordable for all routes.

Manufactured to be lightweight and nimble, Sigma features advanced composites and highly durable low mass materials throughout.

- Up to 220 Mile* range
- Sizes and configurations for all routes
- Accessible for all passengers
- Full battery-electric
- Lightweight and energy efficient
- Rapid charging
- Type approved to the latest european standards

*typical urban driving conditions across all models



SIGMA CONNECTING COMMUNITIES



ALL PASSENGERS ALL ROUTES

Sigma is designed with passengers and operators in mind. The sizes and options across our range make Sigma the perfect choice for a myriad of routes.

From constricted town centres to longer-distance rural travel, Sigma provides the answer for zero-emission transport links which connect often ignored communities, without compromise.

- No community too small
- Suits all route profiles
- Every route is viable
- Optimum size, optimum efficiency



A SIGMA FOR EVERY ROUTE

Sigma has the size range to make all routes cost-effective, to make your electric bus work for you.

The UK-based Mellor team will help you configure the Sigma that works best within your fleet. Each size-appropriate model allows you to maximise seat and passenger capacities, to make your new electric bus more cost effective.

The whole Sigma range qualifies for Government funding and is EU Whole Vehicle Type Approved.

Sigma capacity ranges from 31 to 84 passengers. The ingeniously packaged powertrain means Sigma is still low-floor with a spacious saloon able to meet the accessibility needs of all passengers.

Σ = LOW MASS

Σ = OPTIMISED BATTERY

Σ = LOWER TOTAL COST OF OWNERSHIP

Σ = BETTER FOR THE ENVIRONMENT





CONSTRUCTION

Designed in the UK, built off-shore and finished in our Scarborough-based manufacturing facility, Mellor Sigma operators can look forward to the very best global engineering expertise.

Sigma comes with EU Whole Vehicle Type Approval, guaranteeing component compatibility and performance across the range.

Durability, quality and longevity make our commitment to a lower total cost of ownership a reality.

We work alongside globally renowned suppliers to build a bus on which you can depend.

So much so, every Mellor Sigma comes with an industry leading warranty for extra peace of mind.



CUSTOMER CARE

Our dedicated customer care team and skilled UK engineers are on hand to support your maintenance needs, keeping your bus on the road.

We have manufacturing partnerships with leading suppliers including ZF, Dana, Wabco, CATL, Webasto and Ventura, establishing parts commonality from industry leading brands, to ensure all spare parts and technical assistance are readily available.

- UK based customer care network
- In-territory parts
- 24 Hour support
- Technical expertise



ENGINEERING EXCELLENCE

At Mellor, we know electric buses. We are class-leaders in the size-appropriate bus sector, now bringing our engineering expertise to the Sigma range.

Mellor Sigma is manufactured to your exacting needs, with your specific operational requirements in mind.

Advanced composite materials used throughout the construction process means every Sigma model benefits from low mass, with battery capacities optimised for each model, so you only carry and pay for the power you need.

Optimised battery capacities results in reduced charging time without compromising on range and delivering lower total cost of ownership.

Sigma is the most configurable electric bus range available in Europe. Six base models in rural or city specifications mean Sigma can be fully customised to your precise requirements.

Zero emissions, zero compromise.



THE SIGMA FAMILY

AVAILABLE IN 1 AND 2 DOOR CONFIGURATIONS



SIGMA 7



SIGMA 8



SIGMA 9



SIGMA 10



SIGMA 11



SIGMA 12



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