



Solo SR - evolution of an icon



Redefining style and comfort in bus travel

Taking all the best aspects of the award winning Solo, we've made the Solo SR even more appealing by matching cutting-edge design with a whole series of impressive new benefits to improve the travelling experience for your passengers.

Optare's pioneering technology and innovative expertise combine to give easy access solutions of the highest standards and mark a new era for the Solo range and for the passenger transport industry.

High fuel costs are driving operators to look for vehicles that can deliver proven fuel efficiency and as the UK's only builder of integral buses, we're constantly striving to reduce the overall weight of our products to help achieve this.

The strong, low-weight integral construction coupled with industry renowned heavy-duty drivelines, mean that Optare vehicles deliver class-leading fuel economy.

So not only is the Solo SR both stylish and reliable, it also ensures that you make significant fuel savings over the whole life of the vehicle. As always, there's the choice of SCR engines from Mercedes-Benz or Cummins.

We can also offer zero emission full electric, hybrid, bio-methane dual fuel, pure plant oil or used cooking oil drivelines – all designed to fit within the same space envelope as the standard diesel powerpacks.



A superior and more economical ride

Superior ride and stability, reduced interior noise levels and increased visual appeal both inside and out, make the Solo SR the ultimate choice for comfort and style.

Inside, a wide range of seating layouts with generous legroom can be offered, including three-point belted seats, and a cantilever option in the low floor area is also available. Colour coordinated interior trim systems provide a comfortable passenger environment which is tough, durable and easy to clean. Curved handrails from seat back to roof soften the styling still further and indirect lighting in the contoured ceiling panels and large curved side windows offer a welcoming feel to encourage increased passenger numbers.

Noise reduction and ride comfort are a major focal point with enhanced insulation to the engine bay, floor and ceiling all combining to reduce mechanical and road noise to class-leading levels. Optare's Smoothride suspension system uses the very latest in shock absorption technology to improve the ride quality and further increase passenger appeal.





The exterior design of the Solo SR is equally as impressive as the interior. With its stylish sweeping front profile and shaped quarter windows the SR provides a low aerodynamic drag that further assists with the Optare mission to reduce fuel consumption at every opportunity.

Detailing like the front bumper, which is positioned to assist bus wash systems, and the corners specifically designed to minimise accident damage, demonstrate the Solo SR's stylish and practical execution.

Available in two lengths of 9.0 and 9.7 metres, the Solo SR can cope with the most challenging and problematic routes in both rural and high density city centre locations.

When it comes to passenger comfort, style, durability and reliability, you can rest assured the Solo SR is way ahead of the competition.





Solo SR key features

- Remodelled exterior styling with dramatic roll-over front windscreen and destination glass providing exceptional visual appeal, reduced aerodynamic drag and enhanced fuel efficiency.
- Modular aluminium alloy exterior side panels for added durability and ease of accident damage repairs.
- Curved passenger compartment windows for added visual impact, enhanced structural integrity, and to eliminate vibration and flutter on tick-over.
- Extended front overhang (to 815mm) providing additional space for relocated ancillary equipment, screen wash reservoir and batteries, mounted beneath the hinged front access panel.
- Large exterior rear view mirrors for greater all round visibility with heavy duty arms for added stability.
- LED exterior lighting as standard for longer life and increased reliability.
- Dramatically reduced interior noise levels achieved through the use of innovative insulation systems to ceiling, floor and engine compartment.
- The interior passenger compartment features shaped, profiled centre roof and cove panels, contoured pillar and waist rail finishers, and curved vertical handrails for enhanced comfort and appeal.
- Wide fast-flow entrance door as standard for easier, safer access, optimised passenger flow and improved journey times.
- Standard width at 2.5m, with SlimLine model also available at 2.37m.

Please refer to the detailed specification sheet for full technical information.

The combination of additional equipment could affect certain aspects of this text. Optare Group Limited reserve the right to alter this information without notice.

Future proof technology



Optare's low weight design already sets the benchmark for fuel economy. Now our EcoDrive dashboard and intelligent Optaremising™ software, which helps your drivers to save fuel and allows you to monitor their driving styles, puts us even further in the lead.



Multiplex wiring systems carry a vast amount of performance monitoring and command data to enable the bus to function. Optare EcoDrive takes this a stage further by gathering and processing it into useful information that can be presented in a simple way to both the driver and the operator, to support them in their efforts to achieve greater fuel efficiency.

There's also the ability to use an optional telematics transmitter to transfer data in real time back to the depot or traffic office via existing telecom network systems so you can instantly see where your vehicle is, diagnose faults, monitor driver performance and much, much more.

To future-proof your operations and maximise fuel economy, fleet efficiency and passenger comfort, we use integrated technologies - feature packed electronic systems that are designed into the vehicle at the point of manufacture. These systems work hand-in-hand with the existing multiplex electronics controlling our vehicles, and as a result provide you with increased reliability, higher performance and greater functionality than bolt-on systems.

We also recognise that with rapidly developing low-carbon technologies, bus operators need vehicles that can be updated to stay ahead.

Our unique demountable power pack means our entire product range is future proof and can be easily upgraded over the life of the bus, whether with more efficient diesel technology, alternative fuel options, or hybrid or zero emission full electric drivelines.



Optare Product Support gives you easy access to total peace of mind



Optare's philosophy of providing customers with a complete package of services is unique in the British bus industry. And through Optare Product Support, we offer a market leading parts and service capability.

A key focus of the Product Support division is to provide the operator with a rapid response to service and maintenance support issues. At our fully equipped and conveniently located service centres, and at our dedicated refurbishment and upgrade centre, we'll provide all the repairs, servicing, maintenance and refurbishments you need.

In addition, our highly trained and fully equipped mobile Service Technicians are ready to visit your premises to provide a range of practical support, including vehicle system diagnostics.

Our central parts operation has more than 40,000 product lines in stock. This extensive inventory of genuine parts and our use of state-of-the-art logistics technology guarantees exceptional quality of service. We've also applied technology to our new online parts information and ordering service, 'Parts Portal', which you can access at www.optareparts.co.uk.

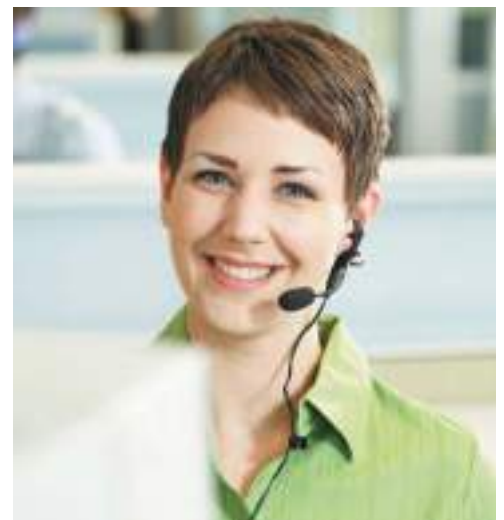
The service allows you to view parts before you order to ensure the correct selection and offers alternatives for any superseded parts. If you don't have a part number, you can click on the relevant part in our exploded diagrams.

Parts Portal makes getting hold of the parts you need quicker and easier. But, however you order, we'll ensure that UK mainland deliveries are made the next day.

Our scheduled maintenance and inspection programme is designed to ensure complete peace of mind – giving you a dependable fleet and helping you to comply with your operator's license requirements. And as daily operation takes its toll on the condition of your vehicles, our mechanical overhaul and complete refurbishment service can extend their working life for significantly less than the cost of a replacement, even for vehicles not built by Optare.

Should you require service or parts support, assistance is just one phone call away. Call 0871 230 1324 for all the help you need to get your vehicle back on the road as quickly as possible. You can also use this number for technical assistance or to arrange comprehensive product training.

With total commitment to providing a comprehensive range of dedicated aftersales support services, Optare Product Support is your first - and only - point of contact for everything you need to keep your buses on the road.



Solo SE-R & SR - technical specifications

ENGINE	
Type	Mercedes-Benz OM904LA, Euro 5, four-cylinder turbo diesel with Selective Catalytic Reduction (SCR) through use of re-agent.
Max Power	115kW/154bhp @ 2200rpm. (Solo SE: 95 kW/127bhp)
Max Torque	610Nm @ 1200 rpm. (Solo SE: 500Nm)
Capacity	4.25 litres.
ENGINE (OPTION) [not available on SE model]	
Type	Cummins ISBe Euro 5, six-cylinder turbo diesel with Selective Catalytic Reduction (SCR) through use of re-agent. **
Max Power	150kW/201bhp @ 2300 rpm.
Max Torque	750Nm @ 1500rpm.
Capacity	6.70 litres.
ENGINE COOLING	
Rear, right hand side mounted radiator and intercooler with separate coolant header tank. Hydraulically driven, thermostatically controlled cooling fan.	
TRANSMISSION	
Allison 2100 series, (Solo SE – Allison 1000 series), five speed fully automatic featuring full CAN electronic interface with engine, integral oil filtration system and lockup torque converter in gears 3, 4 & 5 for improved fuel economy.	
RETARDER	
Electro-magnetic retarder automatically actuated through brake pedal providing minimal maintenance, smoother retardation, lower power consumption and greater reliability. Features Pulse Width Modulation (PWM), based on solid state controls. CAN Bus interface with multiplexed control, continuous electronic and temperature monitoring and laptop based diagnostic facility.	
SERVICEABILITY	
Engine, gearbox, cooling, induction and exhaust system fitted to demountable frame. Services fitted with "no-loss" couplings for rapid removal.	
AXLES & SUSPENSION	
Front	Albion, 2 bag air suspension with leading taper leaf springs and Panhard rod.
Rear	Albion 7.20 single reduction hypoid, 4.10:1 ratio. 4 bag air suspension on parallel linkage.
Max Speed	59mph maximum geared speed. Optional speed limitation.

STEERING	
Type	ZF 8090 steering gear with integral power assistance. Steering column adjustable for rake.
WHEELS & TYRES	
Wheels	17.5 x 6.75 x 134mm offset. (Solo SE 17.5 x 6.00 x 116mm offset).
Tyres	215/75R x 17.5 tubeless. (Solo SE 205/75R x 17.5"). Optional 235/75R x 17.5 tubeless.
BRAKE SYSTEM	
Service	Wabco PAN17 dual circuit air disc brakes with non-asbestos linings and Anti-lock Braking System.
Parking brake	Air released, spring actuated acting on rear wheels.
Air dryer	With heated element.
FUEL TANK	
Nominal 200 litre side fill tank located beneath driver's seat, with anti-spill device. Nominal 20 litre (Optional 40 litre) rear fill re-agent tank.	
ELECTRICAL SYSTEM	
Type	Centralised, fully multiplexed electrical system for quick, easy fault finding through diagnostics facility.
Voltage	24 volt.
Batteries	2 x 12 volt 135 amp hour, maintenance free.
Alternator	28V x 100 amp output.
STRUCTURE	
All welded heavy-duty box section integral construction using a combination of stainless and high-grade carbon steel to effect a long life. Anti-rust protection system applied to exposed structural components.	
EXTERIOR	
A combination of GFRP and aluminium modular exterior panels for low cost repair or replacement. One piece gasket glazed windscreen with bonded quarter windows. Driver's signalling window with sliding section. Tinted, single glazed saloon side windows bonded to frame.	

* Capacities are subject to overall vehicle weight, which may be affected by optional equipment specified.

** Rear overhang increases by 250mm approx when Cummins engine, EV or hybrid drive is specified.

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INTERIOR
Moquette trimmed individual passenger seats with tubular steel frames and ABS backs.
Wheelchair bay incorporating backrest and gangway stanchion.
Manual fold out wheelchair ramp.
Fully adjustable air suspension driver's seat.
Heavy duty, sealed, slip-resistant floor covering system and flush fitting step nosings with yellow inserts, colour contrasting with floor covering.
35mm diameter smooth tube anti-slip handrails with colour co-ordinated finish.
Vacuum formed ABS profiles at windows and cove panels with centre roof in laminate finish for easy cleaning.
EQUIPMENT
Palm operated, contrasting bell pushes together with "stopping" sign.
Flush fitting, glider entrance door with full-length glazing, electro-pneumatic operated with exterior and interior safety controls.
Moulded driver's compartment for durability and ease of cleaning.
LED destination and route number equipment fitted to front, side and rear.
Compact modular LED rear lamps.
Twin halogen, high intensity front driving lamps.
LED side marker lamps.
Reversing horn with night-time override facility.
Optional EcoDrive telematic transmitter providing the ability to transfer vehicle system data in real time back to the depot or traffic office.

HEATING & VENTILATION
Blown, recirculating warm air heating system for passenger comfort.
Two speed high-powered windscreen demister with driver's compartment heating facility.
Hopper windows for passenger area ventilation. Quantity varies according to length of vehicle.
SYSTEMS
Centralised, fully multiplexed electrical system for rapid fault diagnosis.
Electrically powered horizontal parking windscreen wipers with 2 speeds, plus intermittent.
Modular LED interior saloon lighting running continuously from front to rear on both sides for even light distribution. Each side separately switched providing dual level facility. (Individual fluorescent light units on Solo SE).
INSTRUMENT PANEL
EcoDrive™ low maintenance, easy clean driver's instrument panel with TFT screen providing direct feedback to the driver; monitoring acceleration, deceleration, cornering, fuel economy and driver's skill score.
Gauges: Speedometer, economy dial, front and rear air pressure. TFT Display shows fuel level, engine coolant temperature, re-agent (SCR engines only).
Easy clean, soft touch, tactile switch membrane for vehicle systems.
Audible warnings for low air pressure, low coolant level, low oil pressure, alternator failure, transmission in gear with handbrake engaged, emergency door open.

Capacities, weights and measurements

MODEL REFERENCE	M7200SE-R	M7900SE-R	M9000SR	M9700SR
Seating/Standing	23/10*	27/12*	33/21*	37/21*
Overall length – nominal (mm)	7270	7970	9010**	9710**
Overall width – nominal (mm)	2340	2340	2340/2500	2340/2500
Overall height – nominal (mm)	2775			
Wheelbase (mm)	4135	4835	5875	6575
Front overhang (mm)	815			
Rear overhang (mm)	2320		2320**	
Entrance step height – normal/knelt (mm)	265/200			
Gross vehicle weight – design/plated (kg)	8000/8000		11300/9800	
Front axle weight – design/plated (kg)	3200/2500		3800/3400	
Rear axle weight – design/plated (kg)	6000/5500		8000/6400	

* Capacities are subject to overall vehicle weight, which may be affected by optional equipment specified.
 ** Rear overhang increases by 250mm approx when Cummins engine, EV or hybrid drive is specified.

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Solo, & Solo SR - hybrid technical specifications

ENGINE	
Type	Mercedes-Benz OM904LA, Euro 5, four-cylinder turbo diesel with Selective Catalytic Reduction (SCR) through use of re-agent.
Max Power	130kW/154bhp @ 2200rpm.
Max Torque	675Nm @ 1200-1600 rpm.
Capacity	4.25 litres.
GENERATOR	
Siemens generator driven through a step up gear to give 118kW at a speed of 4000rpm.	
DRIVE MOTORS AND GEARBOX	
Siemens twin motors with 134kW max rated power @ 320Nm torque, connected to a Flender summation gearbox.	
Summation gear with a 4:1 ratio to provide a continuous torque to rear axle of 320Nm.	
INVERTERS	
Three roof mounted Siemens inverters, providing power for drive motors and generator.	
SIEMENS CONTROL UNIT	
DICO Siemens gateway unit - interface between vehicle SAE-CAN and Siemens DCAN system.	
REACTOR BOX	
Roof mounted Siemens reactor box mounted adjacent to inverters to control charge rate to brake resistor and ultracapacitors.	
ELECTRICAL SYSTEM COOLING	
Siemens equipment inverters, generator and drive motors are temperature controlled by thermostatic electric fan cooling system mounted on right hand side of vehicle within the engine compartment.	
BRAKE RESISTOR	
SEICO brake resistor mounted on engine sub frame and connected to diesel engine cooling system. Continuous rated power 60kW. Max power 70kW.	
ENERGY STORAGE	
Roof mounted maintenance free Bluways ultracapacitors - 700v 0.5kWh.	
SERVICEABILITY	
Engine, motors, summation gearbox, cooling and induction system fitted to demountable frame. Services fitted with "no-loss" couplings for rapid removal.	

AXLES & SUSPENSION	
Front	Albion F36, 2 bag air suspension with leading taper leaf springs and Panhard rod.
Rear	Albion 7.20 single reduction hypoid, 4.10:1 ratio (5.13:1 option). 4 bag air suspension on parallel linkage.
Max Speed	59mph maximum geared speed. Optional speed limitation.
STEERING	
Type	ZF 8090 steering gear with integral power assistance. Steering column adjustable for rake.
WHEELS & TYRES	
Wheels	17.5 x 6.75 x 134mm offset.
Tyres	235/75R x 17.5 tubeless.
BRAKE SYSTEM	
Service	Wabco PAN17 dual circuit air disc brakes with non-asbestos linings and Anti-lock Braking System.
Parking brake	Air released, spring actuated acting on rear wheels.
Air dryer	With heated element.
FUEL TANK	
Nominal 200 litre side fill tank located beneath driver's seat, with anti-spill device. Nominal 20 litre (Optional 40 litre) rear fill re-agent tank.	
BODY ELECTRICAL SYSTEM	
Type	Centralised, fully multiplexed electrical system for quick, easy fault finding through diagnostics facility.
Voltage	24 volt.
Batteries	2 x 12 volt 135 amp hour, maintenance free.
Alternator	28V x 100 amp output.
STRUCTURE	
All welded heavy-duty box section integral construction using a combination of stainless and high-grade carbon steel to effect a long life.	
Anti-rust protection system applied to exposed structural components.	
EXTERIOR	
A combination of GFRP and aluminium modular exterior panels for low cost repair or replacement.	
One piece gasket glazed windscreen with bonded quarter windows.	
Driver's signalling window with sliding section.	
Tinted, single glazed saloon side windows bonded to frame.	

* Capacities are subject to overall vehicle weight, which may be affected by optional equipment specified.

** Rear overhang increases by 250mm approx when Cummins engine, EV or hybrid drive is specified.

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INTERIOR
Moquette trimmed individual passenger seats with tubular steel frames and ABS backs.
Wheelchair bay incorporating backrest and gangway stanchion.
Manual fold out wheelchair ramp.
Fully adjustable air suspension driver's seat.
Heavy duty, sealed, slip-resistant floor covering system and flush fitting step nosings with yellow inserts, colour contrasting with floor covering.
35mm diameter smooth tube anti-slip handrails with colour co-ordinated finish.
Vacuum formed ABS profiles at windows and cove panels with centre roof in laminate finish for easy cleaning.
EQUIPMENT
Palm operated, contrasting bell pushes together with "stopping" sign.
Flush fitting, glider entrance door with full-length glazing, electro-pneumatic operated with exterior and interior safety controls.
Moulded driver's compartment for durability and ease of cleaning.
LED destination and route number equipment fitted to front, side and rear.
Compact modular LED rear lamps.
Twin halogen, high intensity front driving lamps.
LED side marker lamps.
Reversing horn with night-time override facility.
Optional EcoDrive telematic transmitter providing the ability to transfer vehicle system data in real time back to the depot or traffic office.

HEATING & VENTILATION
Blown, recirculating warm air heating system for passenger comfort.
Two speed high-powered windscreen demister with driver's compartment heating facility.
Hopper windows for passenger area ventilation. Quantity varies according to length of vehicle.
SYSTEMS
Centralised, fully multiplexed electrical system for rapid fault diagnosis.
Electrically powered horizontal parking windscreen wipers with 2 speeds, plus intermittent.
Modular LED interior saloon lighting running continuously from front to rear on both sides for even light distribution. Each side separately switched providing dual level facility. (Individual light units on Solo SE).
INSTRUMENT PANEL
EcoDrive™ low maintenance, easy clean driver's instrument panel with TFT screen providing direct feedback to the driver; monitoring acceleration, deceleration, cornering, fuel economy and driver's skill score.
Gauges: Speedometer, economy dial, front and rear air pressure. TFT Display shows fuel level, engine coolant temperature, re-agent (SCR engines only).
Easy clean, soft touch, tactile switch membrane for vehicle systems.
Audible warnings for low air pressure, low coolant level, low oil pressure, alternator failure, transmission in gear with handbrake engaged, emergency door open.

Capacities, weights and measurements

MODEL REFERENCE	M820SR-H	M925SR-H	M995SR-H
Seating/Standing	29/21*	33/21*	37/21*
Overall length – nominal (mm)	8210	9250	9950
Overall width (mm)	2340/2500	2340/2500	2340/2500
Overall height (mm)		3134	
Wheelbase (mm)	4835	5875	6575
Front overhang (mm)		815	
Rear overhang (mm)		2560	
Entrance step height – normal/knelt (mm)		265/200	
Gross vehicle weight – design/plated (kg)		11300/9800	
Front axle weight – design/plated (kg)		3600/3400	
Rear axle weight – design/plated (kg)		8000/6400	

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 ** Rear overhang increases by 250mm approx when Cummins engine, EV or hybrid drive is specified.

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Solo EV - technical specifications

MOTOR	
Type	Magtec P144 "Zero emission" electric.
Max Power	150kW @ 2650rpm
Max Torque	2380Nm @ 2650rpm
ENERGY STORAGE SYSTEM	
Type	Two packs assembled in series, consisting of 26 batteries per pack.
Batteries	52, lithium iron magnesium phosphate type. 12.8v/138Ah (Rev 2) , maintenance free type with built in electronic monitoring of key parameters.
Voltage	333 volts DC nominal x 2 (in parallel).
Forecast range	Approx 110-150km (70 -95 miles) on a single charge, dependent on duty cycle.
Charging	2 x 7.5kW integrated on-board charger connects to standard commercial three phase supply. Optional 50kW off-board charger.
Charge time	Approx 6 hours from zero to full using on-board charger. (Approx 2 hours using 50kW off-board charger).
DRIVE SYSTEM COOLING	
Horizontally mounted radiator incorporating an electronically driven cooling fan, mounted within the engine bay.	
SERVICEABILITY	
Drive motors, summation gearbox, charger and battery packs fitted to demountable frame. Services fitted with "no-loss" couplings for rapid removal.	
AXLES & SUSPENSION	
Front	Albion, 2 bag air suspension with leading taper leaf springs and Panhard rod.
Rear	Albion 7.20 single reduction hypoid, 4.10:1 ratio. 4 bag air suspension on parallel linkage.
Max Speed	Up to 59mph Optional speed limitation for increased operational range.
STEERING	
Type	ZF 8090 steering gear with integral power assistance. Steering column adjustable for rake.
WHEELS & TYRES	
Wheels	17.5 x 6.75 x 134mm offset.
Tyres	235/75R x 17.5 tubeless.

BRAKE SYSTEM	
Service	Wabco PAN17 dual circuit air disc brakes with non-asbestos linings and Anti-lock Braking System.
Parking brake	Air released, spring actuated acting on rear wheels.
Air dryer	With optional heated element.
BODY ELECTRICAL SYSTEM	
Type	Centralised, fully multiplexed electrical system for quick, easy fault finding through diagnostics facility.
Voltage	24 volt.
Batteries	2 x 12 volt 135 amp hour, maintenance free.
DC-DC Supply	28V x 200 amp output.
STRUCTURE	
All welded heavy-duty box section integral construction using a combination of stainless and high-grade carbon steel to effect a long life.	
Anti-rust protection system applied to exposed structural components.	
EXTERIOR	
A combination of GFRP and aluminium modular exterior panels for low cost repair or replacement.	
One piece gasket glazed windscreen with bonded quarter windows.	
Driver's signalling window with sliding section.	
Tinted, single glazed saloon side windows bonded to frame.	
INTERIOR	
Moquette trimmed individual passenger seats with tubular steel frames and ABS backs.	
Wheelchair bay incorporating backrest and gangway stanchion.	
Manual fold out wheelchair ramp.	
Fully adjustable driver's air suspension seat.	
Heavy duty, sealed, slip-resistant floor covering system and flush fitting step nosings with yellow inserts, colour contrasting with floor covering.	
35mm diameter smooth tube, anti-slip handrails with colour co-ordinated finish.	
Vacuum formed ABS profiles at windows and cove panels with centre roof in laminate finish for easy cleaning.	

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EQUIPMENT
Palm operated, contrasting bell pushes together with "stopping" sign.
Flush fitting, glider entrance door with full-length glazing, electro-pneumatic operated with exterior and interior safety controls.
Moulded driver's compartment for durability and ease of cleaning.
LED destination and route number equipment fitted to front, side and rear.
Compact modular LED rear lamps.
Twin halogen, high intensity front driving lamps.
LED side marker lamps.
Reversing horn with night-time override facility.
Optional EcoDrive telematic transmitter providing the ability to transfer vehicle system data in real time back to the depot or traffic office.
HEATING & VENTILATION
Fuel fired (diesel), low emission combustion heater with thermostatically controlled blown, recirculating warm air heating system for passenger comfort.
Two speed high-powered windscreen demister with driver's compartment heating facility.
Hopper windows for passenger area ventilation. Quantity varies according to length of vehicle.

SYSTEMS
Centralised, fully multiplexed electrical system for rapid fault diagnosis.
Electrically powered horizontal parking windscreen wipers with 2 speeds, plus intermittent.
Modular LED interior saloon lighting running continuously from front to rear on both sides for even light distribution. Each side separately switched providing dual level facility.
INSTRUMENT PANEL
EcoDrive™ low maintenance, easy clean driver's instrument panel with TFT screen providing direct feedback to the driver; monitoring acceleration, deceleration, cornering, fuel economy and driver's skill score.
Gauges: Speedometer, economy dial, front and rear air pressure. TFT Display shows battery charge level.
Easy clean, soft touch, tactile switch membrane for vehicle systems.
Audible warnings for low air pressure, DC-DC converter failure, emergency door open.

Capacities, weights and measurements

MODEL REFERENCE	M820SR-EV	M925SR-EV	M995SR-EV
Seating/Standing	29/21*	33/21*	37/21*
Overall length – nominal (mm)	8210	9250	9950
Overall width (mm)	2500		
Overall height (mm)	2775		
Wheelbase (mm)	4835	5875	6575
Front overhang (mm)	815		
Rear overhang (mm)	2560		
Entrance step height – normal/knelt (mm)	265/200		
Gross vehicle weight – design/plated (kg)	11300/11300		
Front axle weight – design/plated (kg)	3800/3800		
Rear axle weight – design/plated (kg)	8000/8000		

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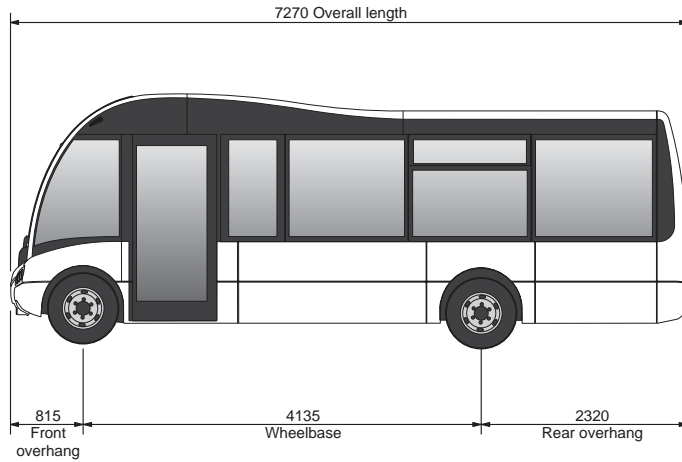
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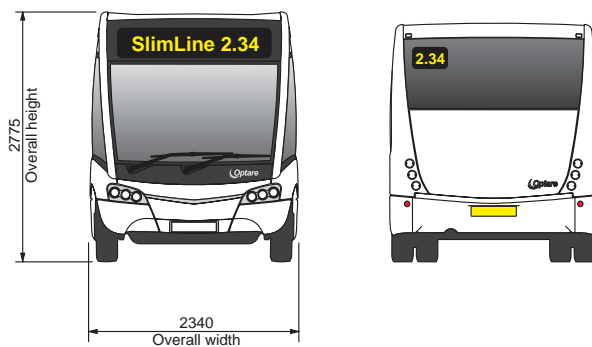
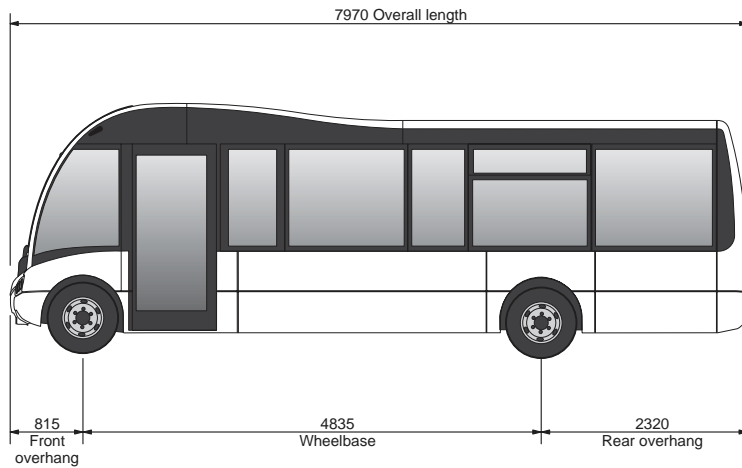
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Solo - Body length and width options

M7200SE-R



M7900SE-R



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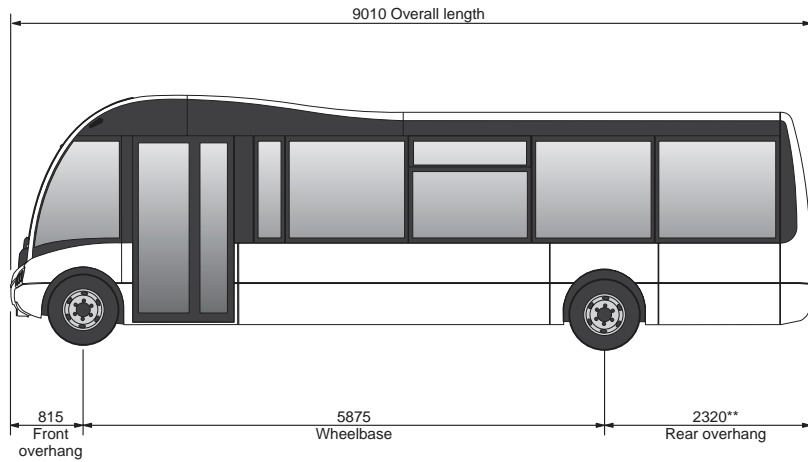
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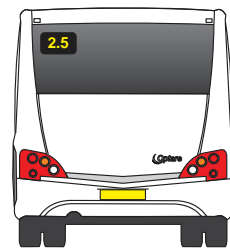
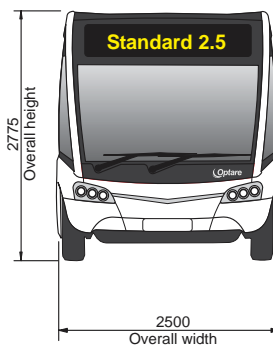
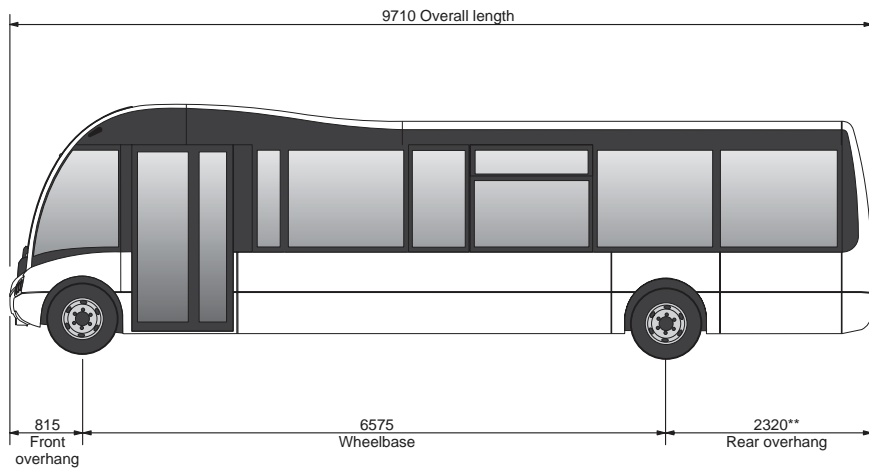
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Solo - Body length and width options

M9000SR



M9700SR



The combination of additional equipment could affect certain aspects of this text. All weights and measurements are approximate. Optare Group Limited reserve the right to alter this specification without notice. This document reflects the standard base model only. A wide range of alternative seating configurations and optional equipment can be accommodated. Please contact us for further information.

** Rear overhang increases by 250mm approx when Cummins engine, EV or hybrid drive is specified

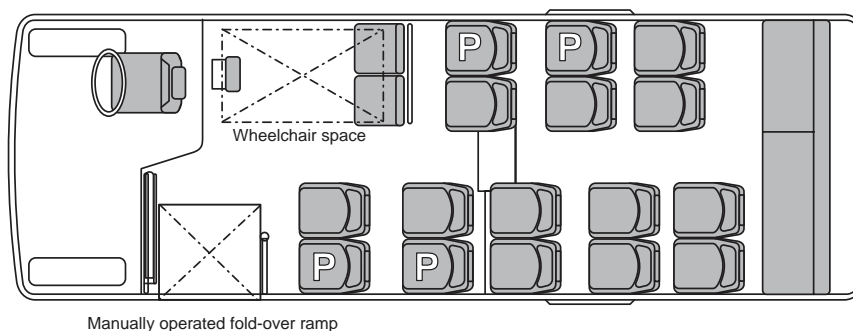
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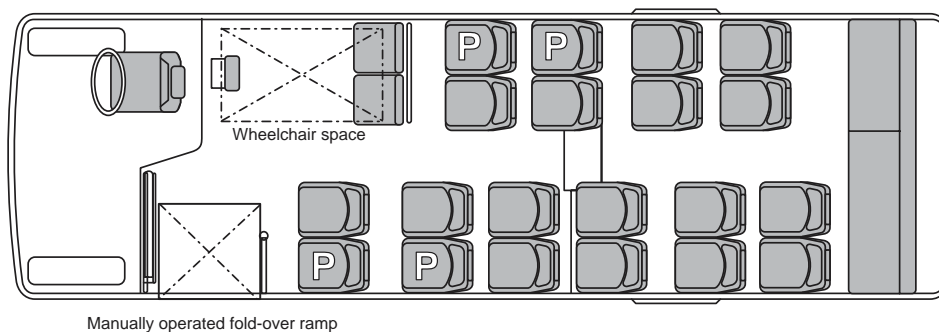
M7200SE-R

typical seating
capacity – 23



M7900SE-R

typical seating
capacity – 27



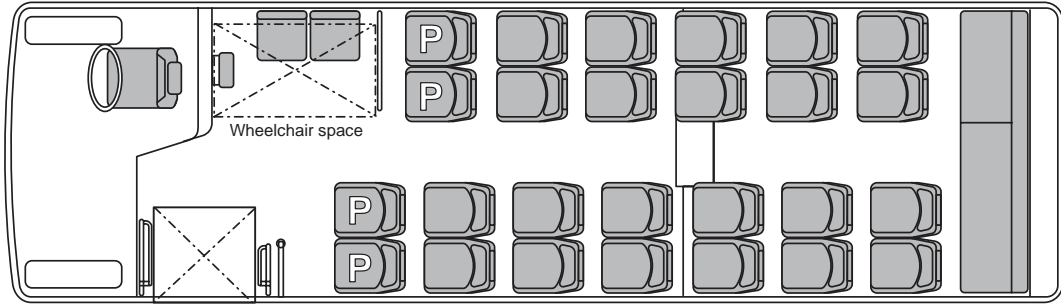
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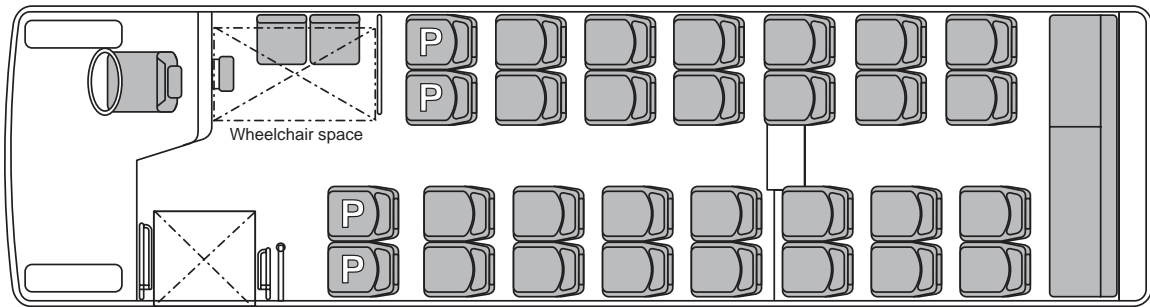
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M9000SR typical seating capacity – 33



Manually operated fold-over ramp

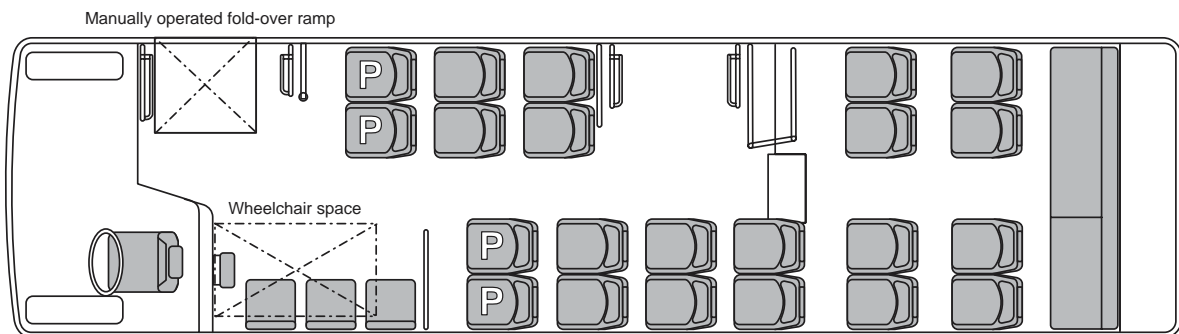
M9700SR typical seating capacity – 37



Manually operated fold-over ramp

Typical left hand drive layout

M9900LSR typical seating capacity – 37



Manually operated fold-over ramp

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