



Tempo - prepare to be dazzled

OPTARE

Tempo - the new generation

The Tempo is a bus for the 21st century, Optare's new generation single decker that will keep us ahead of our competitors. Styled inside and out for maximum passenger appeal it comes with eye-catching, sweeping lines - but there's much more to the Tempo than just looks.

The contemporary design offers a first class travelling experience. Indeed its attractive design and superior specification make it ideal for Park & Ride operations where a high quality vehicle and high levels of satisfaction are needed to tempt motorists out of their cars.

The wide entry/exit door and clear 900mm aisle between the front wheel arches make it possible for all passengers to board and alight with the minimum of fuss (even those with shopping or pushchairs), providing safer, more enjoyable journeys for everyone.

The practical, modern interior design includes contemporary fabrics, curved handrails and 'uplighting' throughout the saloon for a more pleasant ambience. A wide range of seating configurations includes cantilevered seats, built in wheel-arch seats and luggage pens, with an optional drop down wheel-chair restraint.

For maximum passenger comfort, the saloon heating system uses 20% recirculated air for optimum efficiency, high output and complete control. The Tempo is quieter too. The new sound insulation package ensures lower interior noise levels, while the drive axle is engineered for smoother, quieter running.



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The Tempo also offers a better driving environment. Ergonomically arranged controls and instrumentation combine with an optimum driver/passenger height relationship to make ticketing easier. There's also an adjustable, telescopic tilt and reach steering column that improves comfort, reduces fatigue and enhances driver performance. The electronic level control of the kneeling suspension system significantly improves kneel recovery speeds and reduces stop times.

For operators, the low weight and flexible driveline package combine to deliver enhanced fuel economy, whilst a host of low-maintenance features help reduce downtime and maximise vehicle availability.





SPECIFICATIONS	TEMPO X1060	TEMPO X1130	TEMPO X1200	TEMPO X1260
Maximum seating/standing	34/21*	38/23*	42/25*	46/26*
Overall length (mm)	10565	11275	11985	12605
Overall width	2500			
Wheelbase (mm)	4945	5655	6365	6985
Front overhang (mm)	2700			
Rear overhang (mm)	2920			
Overall height (mm)	3030			
Entrance step height - normal/kneel (mm)	333/245			
Turning radius (mm) - between kerbs	7905	8900	9895	10763
Gross vehicle weight - design/plated (kg)	17200/17000			
Front axle weight - design/plated (kg)	6700/6700			
Rear axle weight - design/plated (kg)	10500/10500			
Engine	Mercedes Benz OM906LA 6.37 litre, six cylinder turbo diesel			
Power output - kW/bhp	180/241 or 205/275			
Gearbox	ZF6HP500 Ecomat 2, six speed fully automatic or Allison T310R five speed fully automatic			
Retarder	Intergrated within the gear box			
Servicability	Engine, gearbox, cooling and exhaust system are fitted to a demountable frame. Services are fitted with 'no-loss' couplings for rapid removal			
Front axle	MAN drop centre			
Rear axle	RABA A209 single reduction			
Max Speed	Limited to 59mph			
Suspension	Full air suspension system with 2 airbags at front axle and four at rear. Front kneeling system with electronic level control			
Steering	ZF with power assistance - steering column tilt and reach adjustable			
Wheels & tyres	17.5 x 7.5 ten stud offset wheels with 275/70R x 22.5 tubeless Bridgestone tyres			
Brakes	Dual circuit full air 'S' Cam drum brakes with non asbestos linings and ABS			
Fuel tank	200 litre right hand side fill			
Electrics	24 volt fully multiplexed. Two 12-volt 150 amp/hour maintenance free batteries and 28-volt x 100 amp alternator (option of 2 x 100 amp alternator)			
Body structure	All welded heavy duty box section integral construction using a combination of stainless and high grade carbon steel for long life			
Exterior paneling	A combination of GFRP and Aluminium modular panels for rapid replacement or repair			

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

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