

Competition rules - A new bus for London

Vehicle Specification Guidelines

Table 1 below lists a range of specifications which must be incorporated in whole-bus designs entered in the Design category.

These specifications do not apply to the Imagine category.

These are minimum specifications for the purpose of the competition only. Any final design that may be taken forward by Transport for London would need to comply with all specifications set out in the legislation that applies at that time. However, entries in the

Design category are only required to demonstrate compliance with the rules for the Design category (including the specifications in Table 1 below) and not all legislative requirements.

In addition to the compulsory specifications, Table 2, on page 2, lists some features of today's buses which entrants in the Design category may wish to (but are not required to) include in their design.

Table 1 - Compulsory specifications – Design category entries

Specification	Description	Dimension, size, number, layout, etc
Physical dimensions	Length	Max 13.5m
	Width	Max 2.55m
	Height	Max 4.42m
	Axles	Min 2, max 3
	Passenger decks	2
	Internal staircases	Min 1
	Articulated design	No
Headroom	Lower deck	Min 1.78m
	Upper deck	Min 1.78m
Doors/apertures	Open platform	1 at rear nearside
	Double doors	In addition to open platform, at least 1 passenger double door
	Wheelchair door/ramp	1 automatic ramp
Passenger capacity	Combined total	Min 72
Seating layout	Individual seat width	Min 440mm
	Individual seat pitch	Min 800mm
	Wheelchair space	Min 1 space 1.4m long



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Table 2 - Other features – for information only (not compulsory)

Description
CCTV For security monitoring and recording
Driver communications radio To enable contact with control centre
Handrails Vertical handrails on every seat row on lower deck, every other row on upper deck, and at entrances
Oyster card readers (2)
Passenger information displays Including route information and voice announcements
Driver anti-vandal screen
Driver cab air-conditioning
Air cooling for upper deck