

**Dimensions:**

7.4m long  
2.4m wide  
2.7m high

**Floor Height:**

Low 0.4m

**Tare (weight):**

5.5 tonnes

**Seating (typical arrangement):**

20 seated  
15 standing passengers (total 35 passengers)

**Exterior Design:**

Option of modern (pictured) or heritage appearance.

**Primary Drive Line:**

Ford Fiesta 1.1L. LPG  
1x 12v battery for LPG unit  
2x 12v battery supply for ancillary power  
1 LPG bottle  
Through automatic gearbox- bevel box and 4 'V' belt drive to flywheel  
Automotive fuel tank with track side supply points optional

**Flywheel & Energy Store:**

250kg 1m diam

**Transmission:**

Linde Hydrostatic, second drive axle optional

**Braking:**

Normal braking through transmission (i.e. regenerative)  $1\text{m/s}^2$  (2.3mph/sec)  
Emergency braking through sprung on air off discs at  $3\text{m/s}^2$  with normal adhesion  
(Tread and or track brakes available if required)  
JPA sanding gear fitted to driven wheels

**Running Gear:**

Independent wheel sets with wheels 318mm diam to tram or railway profiles to suit application Suspension is coil spring x 4 per single wheel axle unit with chevron suspension optional

**Heating:**

Water heated air blown

**Speed:**

40-50km/h (25-30mph) through normal operating range of flywheel

**Curves:**

15m-radius minimum for standard gauge, smaller radii possible with narrow gauge vehicle

The primary drive line, energy store, transmission and running gear can be supplied according to the PPM50 specification, providing sufficient additional performance to enable to operate with additional driving trailer car.

