

General construction characteristics

- 1.3. Number of axles: **2** and wheels: **2**
1.3.2. Powered axles: **R**
6.2.4. Advanced braking system: **None**

Main dimensions

- 2.2.1. Length: **2040 mm** 2.2.2. Width: **735 mm**
2.2.3. *Height: **1100 mm** 2.2.4. Wheel base: **1365 mm**

Masses

- 2.1.1. Mass in running order: **120 kg**
2.1.2. Actual mass: **195 kg**
2.1.3. Technically permissible maximum laden mass: **270 kg**
2.1.3.1. Technically permissible maximum mass on front axle: **87 kg**
2.1.3.2. Technically permissible maximum mass on rear axle: **183 kg**

Powertrain

- 3.1.1.1. Manufacturer: **CHANGZHOU KWANGYANG MOTOR CO., LTD.**
3.1.1.2. Engine code (as marked on the engine or other means of identification): **KP10G**
3.2.1.2. Working principle of the combustion engine: **IE**
3.2.1.4.1. Number of cylinders: **1**
3.2.1.4.2. Arrangement of cylinders: **S**
3.2.1.5. Engine capacity: **49 cm³**
1.9. Maximum net power: **2,5 kW (at 7500 min⁻¹)**
1.10. Ratio maximum net power/mass of the vehicle in running order: **0.02 kW/kg**
3.2.3.1. Fuel type: **11**
3.2.3.2. Vehicle fuel combination: **M**
Maximum speed
1.8. Maximum speed of vehicle: **45 km/h**

Drive-train and control

- 3.5.3.9. Transmission (type): **C**
3.5.4. Gear ratios: **1, 21.19 2, 21.19 3, 55.85**
3.5.4.1. Final drive ratio: **19.26**

Installation of tyres

- 6.18.1.1. Tyre size designation:
Axle 1: 120/70-14 23B 150 kPa (1 Person)
or 200 kPa (2 Persons); MT 3.0x14
Axle 2: 120/80-14 49B 175 kPa (1 Person)
or 225 kPa (2 Persons); MT 3.0x14

Bodywork

- 6.16.1. Number of seating positions: **2**

Environmental performance

- 4.0.1. Environmental step: **Euro 5**
4.0.6. Sound level measured according to:

ECE R 63-02

- 4.0.6.1. Stationary: **77 dB(A) at engine speed: 3750 min⁻¹**
4.0.6.2. Drive-by: **69 dB(A)**
4.0.6.3. Limit value for Lurban: **-- dB(A)**
3.2.15. Exhaust emissions measured according to:
134/2014 * 2018/295

- 3.2.15.1. Type V test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

CO: 148 mg/km **THC: 64 mg/km**
NO_x: 38 mg/km **NMHC: 61 mg/km**

- 3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:

HC: 26 ppm at normal idling speed and: **14 ppm** at high idle speed
CO: 0.01% vol. at normal idling speed and: **0.05% vol.** at high idle speed

Energy efficiency

- 4.0.2. Fuel consumption: **2.3 l / 100 km**
4.0.3. CO₂ emissions: **52 g/km**