



WCJ19RE
Articulated
19-seater
trolley

vehicle type Vehicle Features Overview

- ◆ Strong power: the base engine is a Cummins engine, with more litre power;
- ◆ Good fuel economy: adopting high pressure common rail engine, better fuel economy;
- ◆ Good adherence performance: the four-wheel drive can be better adapted to the low adherence road conditions on the working surface;
- ◆ Small turning radius: adopting central articulated structure, further reducing the turning radius of the vehicle;
- ◆ High safety: three sets of independent braking system to ensure the safety of vehicle operation.



WCJ8E
Articulated
hopper truck

- ◆ Strong power: the base engine is Cummins engine, more power;
- ◆ Good fuel economy: adopting high pressure common rail engine, better fuel economy;
- ◆ Good adherence performance: normal-time four-wheel drive, can be better adapted to the working surface of the low attached road conditions;
- ◆ Small turning radius: adopting central articulated structure, further reducing the turning radius of the vehicle;
- ◆ High safety: three sets of independent braking system to ensure the safety of vehicle operation.



WCJ5E
5T articulated
vehicle

- ◆ Strong power: the base engine is Cummins engine, more power;
- ◆ Good fuel economy: adopting high pressure common rail engine, better fuel economy;
- ◆ Good adherence performance: normal-time four-wheel drive, can be better adapted to the working surface of the low attached road conditions;
- ◆ Small turning radius: adopting central articulated structure, further reducing the turning radius of the vehicle;
- ◆ High safety: three sets of independent braking system to ensure the safety of vehicle operation.



Summary of technical parameters of articulated vehicle

Vehicle Technical Parameters	WCJ19RE Articulated 19-seater People Mover	WCJ8E articulated hopper truck	WCJ5E articulated hopper truck
Dimensions (LxWxH)(mm)	(7200±210)X(2000±60) X(2100±60)	(6890±200)X(1960±50)X(2000±60)	(6650±190)X(2000±60)X(2000±60)
Model	KC6102DZLQFB	KC6102DZLQFB/YTO6105DZLQFB	KC6102DZLQFB/YTO6105DZLQFB
Rated power(KW)	120	120/100	120/100
Maximum output torque(N/m)	700	700/542	700/542
Gearbox	Torque converter + gearbox	Torque converter + gearbox	Torque converter + gearbox
Service Brake	Four-wheel braking,Hydraulic brakin, Wet brakes	Four-wheel braking,Hydraulic brakin, Wet brakes	Four-wheel braking,Hydraulic brakin, Wet brakes
Parking brake	Fail-safe wet brakes	Fail-safe wet brakes	Fail-safe wet brakes
Emergency braking	Fail-safe wet brakes	Fail-safe wet brakes	Fail-safe wet brakes
Drive form	4X4 time-shift four-wheel drive	4X4 time-shift four-wheel drive	4X4 time-shift four-wheel drive
Vehicle structure type	Centrally Articulated	Centrally Articulated	Centrally Articulated
Rated load weight(Kg)	19 人	8000	5000
Wheelbase(mm)	3500	3600	3300
Wheel base (front/rear)(mm)	1500/1500(front / rear)	1500/1500(front / rear)	1500/1500(front / rear)
Minimum ground clearance(mm)	220	210	210
Maximum gradeability(%)	> 25(14°)	> 25(14°)	> 25(14°)
Braking distance on flat road (Dry hard cement floor)	≤ 8m(At an initial speed of 20 km/h)		
Emission standards	CO ≤ 5.0g/kWh, HC+NOx ≤ 4.0g/kWh, PM ≤ 0.30g/kWh; Meet the GB20891-2014 non-road Stage III emission requirements		
Security protection system	The vehicle is equipped with a gas sensing alarm device; Alarm and shutdown for exhaust air temperature above 68° C; Cooling water temperature above 98° C alarm and shutdown; Alarm and shutdown when the water level in the wash tank falls below the set level;Engine surface temperature above 150° C alarm and shutdown; oil pressure below 69KPa alarm and shutdown		
Explosion-proof electrical systems	Explosion-proof generator; Explosion-proof lighting; Explosion-proof signal lamp; Light switching mode: manual switching; Light range: 20m at the light brightness is not less than 4Lx		

*The right of interpretation of the above parameters belongs to Hubei SAFE SEIKO, and any modification will not be notified, and the illustrations in the text are not necessarily the standard models of this model.