



vehicle type Vehicle Features Overview

WCJ5CE Container transporter

- Vehicles are equipped with gas sensing alarms;
- Exhaust temperature above 68° C alarm and shutdown;
- Cooling water temperature is higher than 98°C alarm and shutdown;
- The water level of the wash tank is below the set level alarm and shutdown;
- Engine surface temperature above 150° C alarm and shutdown;
- Oil pressure below 69KPa alarm and shutdown.



WC5QJ Sweeper

- Mature chassis, stable and reliable;
- Ergonomically validated for good manoeuvring comfort;
- Adopting Cummins base engine and power take-off mechanism, strong power and good emission;
- Professional system design, practicality.



Summary of special-purpose vehicle parameters

Vehicle Technical Parameters		WCJ5CE Container Transport Vehicle	
Dimensions (LxWxH)(mm)		(6850±230)X(1970±60)X(2000±60)	
Engine	Model	KC6102DZLQFB	
	Rated power(KW)	130	
	Maximum output torque(N · m)	/	
Clutch		/	
Gearbox		/	
Brake	Service brake	2-Wheel Brake, Hydraulic Brake, Spring Release, Wet Brake	
	Parking brake	Spring-loaded, hydraulically released, wet central brake for gearbox	
	Emergency braking	Spring-loaded, hydraulically released, wet central brake for gearbox	
Drive form		Front wheel drive	
Vehicle structure type		/	
Rated capacity (m³)		/	
Wheelbase(mm)		3700±110	
Wheel base (front/rear)(mm)		1500±40/1675±40 front / rear	
Minimum ground clearance(mm)		200±20	
Maximum gradeability(%)		≥ 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	

Vehicle Technical Parameters		WC5QJ Sweeper	
Dimensions (LxWxH)(mm)		(6200±180)X(1950±95)X(2300±70)	
Engine	Model	KC6102DZLDFB(A)	
	Rated power(KW)	120	
	Maximum output torque(N · m)	479	
Clutch		Diaphragm Spring Clutch	
Gearbox		Mechanical gearbox	
Brake	Service brake	Four-wheel braking, Hydraulic braking, Wet brake	
	Parking brake	Fail-safe wet brake	
	Emergency braking	Fail-safe wet brake	
Drive form		4x2	
Vehicle structure type		Flathead Split Body	
Rated capacity (m³)		/	
Wheelbase(mm)		3600	
Wheel base (front/rear)(mm)		1640/1500 front / rear	
Minimum ground clearance(mm)		165	
Maximum gradeability(%)		≥ 25(14°)	
Braking distance on flat road (Dry hard cement floor)		≤ 8m(At an initial speed of 20 km/h)	
Emission indicators		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	
Vehicle Specialisation Parameters		Dumpster capacity, 5 cubic metres, dust suppression tank capacity 1.5 cubic metres, sweeping width 2.8 m, Cleaning speed 3-25Km / h, the largest inhalation particle size ≥ 120mm, discharge angle ≥ 46°	

*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.