



vehicle type

WC12J
Long head 6×4

WC8J flathead 4×2
material truck

Vehicle Features Overview

- ◆ Short head structure design, more security for drivers.
- ◆ Adopting Cummins base engine, strong power and good emission.
- ◆ Lower height of the whole vehicle, more adaptable to the work of the work surface requirements of the professional
- ◆ Optimised steering trapezoidal structure, smaller turning radius.
- ◆ Professional CAE analysis of body and frame, small vehicle mass and high transport efficiency.
- ◆ Adopting 6x4 balanced suspension structure, good adhesion, strong passing ability.

- ◆ Strong power: the base engine is Cummins engine, more litre power.
- ◆ Good fuel economy: the use of high-pressure common rail engine, fuel economy is better homemade cab.
- ◆ Personalisation, according to the various types of mine height rectification, strong and durable.



Summary of WC10J Flathead 6x4 parameters

Vehicle Technical Parameters	WC12J long head 6x4 (electric start)	WC8J Flathead 4X2 Material Truck
Dimensions (LxWxH)(mm)	(6580±200)X(2000±60)X(2150±60)	(5850±50)X(1950±30)X(2230±30)
Model	KC6102DZLDFB	KC4107DZLQFB
Engine		
Rating power	120	105
Maximum output torque	700	530
Clutch	Diaphragm Spring Clutch	Diaphragm Spring Clutch
Gearbox	Mechanical gearbox	Mechanical gearbox
Service brakes	Dual Circuit Wet Brake	Four-wheel braking,Hydraulic braking,Wet brakes
Parking brake	Fail-safe wet brakes	Fail-safe wet brakes
Emergency braking	Fail-safe wet brakes	Fail-safe wet brakes
Drive form	6x4	4x2 2WD
Vehicle structure type	Long head split body	Homemade cab short head front flip
Rated load weight(Kg)	12000	8000
Wheelbase(mm)	3150+1350	3300
Wheel base (front/rear)(mm)	1750/1590/1590(front / middle / rear)	1790/1690(front / rear)
Minimum ground clearance(mm)	190	210
Maximum gradeability(%)	> 25 (14°)	> 25(14°)
Braking distance on flat road (Dry hard cement floor)	< 8m(At an initial speed of 20 km/h)	< 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 system	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.