

Special Purpose Vehicle Series Models Provide personalised modifications according to customer needs.



vehicle type Vehicle Features Overview

WC5S(A) Sprinkler

- The chassis is mature, stable and reliable;
- Ergonomically validated for good manoeuvring comfort;
- Adopting Cummins base engine, strong power and good emission;
- Fully enclosed reversible cab, easy maintenance; Professional top design, beautiful and practical.



Suction Truck WC4X

- The chassis is mature, stable and reliable;
- Ergonomically validated for good manoeuvring comfort;
- Adopting Cummins base engine and power take-off mechanism, strong power and good emission;
- Simple structure, easy to manoeuvre, good stability.



WC3H(A) Scissor-type platform truck

- The chassis is mature, stable and reliable;
- Ergonomics is professionally verified, and the manoeuvring comfort is excellent;
- Adopting Cummins base engine, strong power and good emission;
- The lifting section is easy to manoeuvre, has a wide range of travel and covers a wide range of effective working space.



Special Purpose Vehicle Series Parameter Summary Table

Vehicle Technical Parameters	Sprinkler truck	Sewage truck	Scissor platform trucks
Dimensions (LxWxH)(mm)	(6200±100)X(1950±50)X(2230±50)	(6200±180)X(1950±60)X(2230±60)	(5800±100)X(2100±50)X(2630±50)
Model	KC4107DZLQFB(A)	KC4107DZLQFB(A)	KC4107DZLQFB(A)
Rating power(KW)	80	80	80
Maximum output torque(N·m)	380	380	380
Clutch	Diaphragm Spring Clutch	Diaphragm Spring Clutch	Diaphragm Spring Clutch
Gearbox	Mechanical gearbox	Mechanical gearbox	Mechanical gearbox
Service brakes	Four-wheel braking/Hydraulic brake/Wet brake	Four-wheel braking/Hydraulic brake/Wet brake	Four-wheel braking/Hydraulic brake/Wet brake
Parking brake	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake
Emergency braking	Fail-safe wet brake	Fail-safe wet brake	Fail-safe wet brake
Drive form	4x2	4x2	4x2
Vehicle structure type	Flathead Split Body	Flathead Split Body	Flathead Split Body
Rated capacity (m³)	/	/	/
Wheelbase(mm)	3300	3300	3300
Wheel base (front/rear)(mm)	1620/1485 front/rear	1620/1485 front/rear	1620/1485 front/rear
Minimum ground clearance(mm)	165	165	186
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 warning alarm device; Alarm and shutdown for exhaust air temperature above 60° 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 680Pa 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		
Vehicle Specialisation Parameters	Tank volume: 3 cubic metres, sprinkler special parts by the extractor, pump, tank, connecting valve, fire ball valve, filter, front flush valve, sprinkler running valve, side spray valve, rear sprinkler valve, sprinkler gas, tank mouth cover, front flush, side spray lance head, rear sprinkler weight, anti-skip plate, three-way four-dimensional valve and so on. Sprinkler is the use of the car engine power through the extractor drive vehicle sprinkler pump, from the inlet to the car tank water through the pipeline to the various nozzles, so as to achieve a variety of functions.	Effective tank volume: > 3.5 cubic metres, the special part of the suction truck consists of the vacuum suction pump, extractor, drive shaft, water-air separator, Oil-air separator, multi-way reversing valve, tank, drain valve, sight glass Vacuum pressure gauge, pipe network system, hydraulic system and other components. The rear door of the suction truck is hydraulic with tipping function, and the sewage outlet is opened by a cylinder.	Lifting platform Maximum lifting height: 6000mm Lifting platform: L x W x H: 755 mm x 1620 mm x 800 mm Lift Table minimum number of occupants 3 persons lift table Maximum weighing capacity 500kg lift table lifting control mode hydraulic control, with the degree of stop function

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