vehicle type	Vehicle Features Overview
UQ-20 Underground tipper truck	◆ It can be better adapted to cross-country road conditions, which greatly improves the vehicle's passability; ◆ Adopting Yuchai engine with strong power and good emission; ◆ The rear suspension is a balanced suspension structure, with rich bearing capacity and high strength.
KJC-3 Cement Mixer	◆ Adopts Cummins off-road National IV engine with strong power; ◆ Equipped with travelling brake, parking brake, emergency brake, exhaust brake, ◆ Eddy current retardation brake and other sets of braking systems, safe and reliable; ◆ Vehicle chassis system adopts mine reinforced chassis, better vehicle stability and longer service life.
UQ-6	◆ The chassis is mature, stable and reliable; ◆ Adopts Cummins off-road National IV engine with strong power; ◆ Can be equipped with an automatic transmission.
FCB-5 Explosive equipment transporter	◆ Mature chassis, stable and reliable; ◆ Ergonomics professional verification, good manoeuvrability and comfort; ◆ Adopting Cummins base engine and power take-off mechanism, strong power and good emission; ◆ Simple structure, easy to manoeuvre, good stability.
FCB-1.5 Explosive cart	◆ The total weight of 6T class large platform, strong carrying capacity, can adapt to a variety of complex roads; ◆ Front independent suspension with automatic transmission for stability and comfort; ◆ Passenger car-style driver's area man-machine with shock-absorbing adjustable driver's seat for good manoeuvrability.

Vehicle Technical Parameters		UQ-20 Underground tipper truck	KJC-3 Cement Mixer	UQ-6	FCB-5 Demolition Equipment Transporter	(FCB-1.5) Explosives vehicle
Dimensions (LxWxH) (mm)		(7640±220)X(2500±75) X(2460±70)	6880X2420X2850	(6070±180)X(2000±60) X(2250±50)	(5330±160)X(1950±60) X(2230±60)	4980±140X1980±80 X2150±60
Engine	Model	YC6L290-T300	B5.9CS4 160C	B5.9CS4 150C	QSB4.5-C110-30	ZD30N15-4D1
	Rating power(KW)	213KW	118KW	110	82KW	110kW
	Maximum output torque (N·m)	1100N·m	700N·m	650/1000-1600	488N·m	470
	Clutch	Diaphragm Spring Clutch	/	Electronically controlled automatic clutch	Diaphragm Spring Clutch	/
	Gearbox	Mechanical gearbox	8JS85T	Allison Automatic Transmission	Mechanical gearbox	AT (Automatic Transmission)
Brake	Service brake	Six-wheel brake, hydraulic brake, wet brake	Four-wheel brake, hydraulic brake, wet brake	Four-wheel brake, hydraulic brake, spring release,wet brake	Four-wheel brake, hydraulic brake, wet brake	Four-wheel brake, hydraulic brake, wet brake
	Parking brake	Fail-safe wet brake	Fail-safe wet brake	Spring brake, hydraulic release, central brake	Fail-safe wet brake	Fail-safe wet brake
	Emergency braking	Fail-safe wet brake	Fail-safe wet brake	Hand pulled	Fail-safe wet brake	Fail-safe wet brake
	Drive form	6x4	4x2	4x2 rear axle drive	4x2	4×4 time-shared four-wheel drive
Vehicle structure type		Long head split body	One-piece	One-piece	Flathead Split Body	Shaggy
Rated load weight(Kg)		20000Kg	/	/	5000Kg	/
	Rated capacity	/	/	2	/	2
	Wheelbase(mm)	3650+1350	3650	3310	3100	3000±90
Wheelbase specifications		2035/1850(front/rear)	1970/1850	1750±50/1520±40	1640/1515(front/rear)	1810±50/1710±50
Maximum unloading height (mm)		240	220	/	160	/
Minimum Ground Clearance (mm)		/	/	280±20	/	220±20
Maximum gradeability(%)		≥ 25(14°)	≥ 25(14°)	14	≥ 25(14°)	≥ 25
Braking distance on flat road (Dry hard cement floor)		≤ 8m(At an initial speed of 20 km/h)		8m	≤ 8m(At an initial speed of 20 km/h)	
Chassis		/		One-piece side-beam frame width: Outside front end width 800mm; Outside rear end width 680mm;	/	
Maximum traction force (kN)		/		≥ 60	/	
Emission standards		National III/National IV emission standards	National III/National IV emission standards	/	National III/National IV emission standards	National IV
Additional description of other technical parameters		Front Suspension:Steel Plate Spring Suspension Rear Suspension:Balance Axle with Thrust Bar Balance Suspension	Tank rotation speed 15r/min; feeding speed ≥ 2.7 cubic metres per minute; discharge speed ≥ 0.8 cubic metres per minute; discharge residue of 0.7%, the rear of the front to see the clockwise feed, counterclockwise discharge		The inner skin of the cargo compartment is made of flame-retardant materials that do not spark on impact; the gap between the inner and outer skin is filled with flame-retardant and heat-insulating materials; the front wall panel of the compartment is fitted with rubber products to alleviate the impact of the cargo; and the floor of the compartment is covered with a flame-retardant conductive rubber sheet.	

*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.

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