

## Yatong WCB-3

Аналог: Универсальное шасси Multimes MF100

### WCB-3 blasting equipment transport vehicle

#### WCB-3 vehicle technical parameters

Serial number	Project	Unit	Parameter value
1	Rated number of people (including driver)	seat	6
2	Number of passengers in the rear of the car	seat	4
3	curb weight	kg	9000
4	full load mass	kg	12000
5	Dimensions: length × width × height	mm	7 330 × 1800 × 2110
6	Engine power/speed	Kw/rpm	132/2200
7	Largest traction	KN	≥110
8	Steering		Full hydraulic articulation steering
3	drive mode		four-wheel drive
4	transfer method		Hydrostatic transmission
9	braking method	working brake	hydraulically braked, spring released
		parking brake	Spring applied, hydraulically released
10	Gradeability (longitudinal)	°	17
11	wheelbase	mm	3380
12	Wheel base (front/rear)	mm	1541/1541
13	Minimum turning radius	inside	mm 3765
		outside	mm 5920
14	Driving speed (full load)	forward speed	Km/h 0-25
		reverse speed	0-25
15	start method		electric start
16	Minimum ground clearance	mm	≥260
17	Braking distance	m	≤8
18	approach angle	°	18
19	departure angle	°	twenty one
20	Anti-theft alarm system		have
twenty one	smoke detector		have
twenty two	Motor vehicle exhaust spark arrester		have
twenty three	Cargo capacity of dangerous goods transport box	KG	3000

#### Cab configuration

Serial number	Project name	Technical indicators
1	cab	The cab complies with FORS and ROPS safety certification
2	cab	Metal airtight cab, airtight with heating and cooling

		air conditioner	
3	Control device	Starting, steering, acceleration, braking, parking, gear shifting, lighting, air conditioning, etc.	
4	Control device	steering wheel	≤50
	Manipulation	pedals	≤350
	force (N)	Joystick	≤120
5	display instrument	Oil pressure gauge, voltmeter, water temperature gauge, engine tachometer, speedometer, fuel gauge, brake pressure gauge, etc.	
6	seat form	Air cushion seat, front and rear adjustable	
7	Cab air conditioner	Heating and air conditioning	
8	Reverse image	have	

### Diesel engine system

Serial number	Project name	Technical indicators
1	Specifications	QSB5.9
2	emission	Non-Road Country III
3	Cylinder arrangement	Inline
4	Rated power/speed (kW/rpm)	132/2200
5	Maximum torque (Nm)/speed (r/min)	540/1500
6	Minimum working stable speed (r/min)	800±50
7	Fuel supply method	EFI
8	Displacement (L)	5.9
9	Intake method	turbocharged, intercooled
10	exhaust method	Exhaust gas purification, noise reduction
11	fuel specification	No. 0 ~ -35 diesel oil

### Walking parameters

Serial number	Project name	Technical indicators
1	Walking pump model	HPV135
2	Walking motor model	CMV115
3	Walking pump/motor manufacturer	Import Linde

### Transmission system

Serial number	Project name	Technical indicators
1	transfer method	hydrostatic drive
2	Axle model (front/rear)	112/112
3	Axle ratio (front/rear)	23.5/23.5
4	Axle manufacturer (front/rear)	DANA
5	Tire specifications and models (front/rear)	10.00-20
6	Tire manufacturer (front/rear)	Guizhou forward
7	Tire Type (Front/Rear)	pneumatic tire

### Braking System

Serial number	Project name	Technical indicators
1	Brake type	wet brake
2	Displacement of brake pump (mL/r)/ pressure (MPa)	14/20
3	working brake	Hydraulic Brake/Spring Release
4	Emergency/Parking Brake Type	Spring Applied/Hydraulic Released
5	Braking distance (m) (20Km/h dry hard road)	< 8
6	brake brand	Mico

### Steering hydraulic system

Serial number	Project name	Technical indicators
1	Steering	Full hydraulic front wheel steering
2	Steering pump displacement (mL/r)/ pressure (MPa)	50/20
3	turn to brand	Danfoss

### Illumination

Serial number	Project name	Technical indicators
1	Type of headlight	LED high and low beams (with rigid protective lampshade)
2	brake light, turn signal	have
3	reversing lights	left and right

### Sound Signal Warning Device

Serial number	Project name	Technical indicators
1	type	Electric horn
2	Operation method	Manual button on the steering wheel
3	Volume (dB(A))	Speaker sound pressure $\geq 75$ at 40m
4	Sound warning for reversing	have

### Automatic fire extinguisher

Serial number	Project name	Technical indicators
1	name	Engine automatic fire extinguishing system
2	Operation method	Cab manual handle
3	Capacity (L)	8

### Exhaust gas purification

Serial number	Project name	Technical indicators
1	name	Exhaust gas purification device
2	Function	Three-way catalysis, black smoke purification

