

Yatong FL-3.5

Аналог: Машина Utimes MF 100 Material, Универсальное шасси Multimes MF100

Technical parameters of FL-3.5 transport truck

Serial number	Project	Unit	Parameter value
1	Rated number of people (including driver)	seat	2
2	Rated cargo capacity	KG	3500
3	curb weight	kg	9000
4	Dimensions: length × width × height	mm	6 925 × 1800 × 2400
5	Engine power/speed	Kw/rpm	132/2200
6	Largest traction	KN	≥80
7	Steering		Articulated hydraulic steering
8	drive mode		four-wheel drive
9	transfer method		Hydrostatic transmission
10	braking method	working brake	hydraulically braked, spring released
		parking brake	Spring applied, hydraulically released
11	Gradeability (longitudinal)	°	16
14	Minimum turning radius	inside	mm 3765
		outside	mm 5920
15	Driving speed (full load)	forward gear	Km/h 0-25
		reverse gear	0-25
16	start method		electric start
17	Minimum ground clearance	mm	≥260
18	Braking distance	m	≤8
19	approach angle	°	18
20	departure angle	°	20
21	Air Conditioning System		Heating and air conditioning
22	Fire Fighting System		Automatic fire extinguishing system + 2 2KG fire extinguishers
23	truck mounted crane		bring
24	Min/max loading capacity of the truck mounted crane	KG	600/2300

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 Manipulation force (N)	steering wheel	≤50
		pedals	≤350
		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	QSC5.9
2	Cylinder arrangement	Inline
3	brand	Dongfeng Cummins
4	Rated power/speed (kW/rpm)	132/2200
5	Maximum torque ((N m)/speed (r/min)	800/1400
6	Direction of rotation (facing the flywheel)	counterclockwise
7	Minimum working stable speed (r/min)	800±50
8	Displacement (L)	5.9
9	Average fuel consumption rate (g/KWh)	206
10	Bore/stroke (mm)	114/135
11	Intake method	turbocharged, intercooled
12	exhaust method	Exhaust gas purification, noise reduction
13	fuel specification	No. 0 ~ -35 diesel oil
14	emission index	National III emissions

Diesel engine system 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 transmission
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)	10.00-20PR20
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 system manufacturer	Mico
7	Emergency trailer	have

Steering hydraulic system

Serial number	Project name	Technical indicators
1	Steering	Articulated full hydraulic steering
2	Steering pump displacement (mL/r) / pressure (MPa)	50/20
3	factory	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 ≥ 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