

**Mercedes-Benz series — Mercedes Vito**

**[Integrated interior, environmental protection materials, mold forming]**

**Fujian Benz VITO Vito gasoline high top**

**Parameters of paramedic ambulance**

<b>order number</b>	<b>Part name</b>	<b>main specifications</b>	
<b>one</b>	<b>Basic technical parameters of the car</b>		
1	Body size (mm)	5370×1928×2370 (length× width× height)	
2	Medical cabin size (mm)	2700×1670×1700 (length×width×height)	
3	Engine displacement	1999ML	
4	Exhaust standards	Country 6	
5	engine type	254920	
6	fuel system	Direct injection in cylinder, turbocharged	
7	fuel oil	gasoline	
8	wheel base (mm)	3430	
9	Maximum power (Kw/rpm)	170/5500	
10	Maximum torque (Nm/rpm)	370/2000-4000	
11	Minimum turning radius (m)	5.95	
12	Total vehicle weight (kg)	3100	
13	Vehicle weight (kg)	2540	
14	transmission	9 Speed automatic transmission	
15	Driving forces	Front rear drive	
16	Brake (front/rear)	ABS (including EBD), front ventilated disc/back ventilated disc	
17	Suspension system (front/back)	Agility Control (front: MacPherson strut independent suspension / rear: semi-trailer arm independent suspension)	
18	Tank capacity (L)	70	
19	tyre	235/55R17	
20	rim section	17 in, aluminum alloy wheels	
21	air-conditioning	Front and rear warm air conditioning, independent control	
22	steering system	Electric power steering, steering wheel Angle adjustable	
23	air bag	Dual airbags in the driver's cabin	
24	maximum speed	185KM/ hour	
25	else	Electric window, remote key, central lock, rearview mirror, front and rear fog lights, AM/FM radio, digital clock, metric speedometer.	
<b>two</b>	<b>Medical cabin interior configuration:</b>		
order number	Modification projects	Technical parameters/Main functions	quantity
<b>1. Medical cabin installation</b>			
1	Interior of the medical cabin	1. The interior roof adopts the integrated lighting interior roof, which is made of high molecular material with high strength, strong impact resistance, aging resistance, easy cleaning and disinfection; 2. The material is formed as a whole without cutting.	1 set
2	Front and rear compartment dividers	The cockpit and medical cabin are completely sealed off: 1. Move the partition 10 cm back to ensure that the main driver's seat back	1 set

		can be adjusted backward to ensure driver comfort and driving safety; 2. The middle part of the partition is equipped with two-stage sliding observation window, which facilitates communication between cockpit and medical cabin personnel and transfer of articles.	
3	Partition observation window	Two-stage sliding window	1 set
4	Cabinet structure	plastic uptake	/
5	The left top of the medical cabin is mostly used for medicine cabinets	The top left side is equipped with a multi-functional medicine lift cabinet: 1. The cabinet is made of ABS environmental protection material, no odor; 2. The cabinet door adopts anti-blue light and anti-radiation blue organic material top lift door; 3. The cabinet can be classified to store medicines, anesthesia bags, disposable medical and health supplies, etc.	1 set
6	The right top of the medical cabin is usually a hanging cabinet	1. The cabinet is made of high molecular density environmental protection material, no odor; 2. Can hold items.	1 set
7	The medical cabin lands on the left side Long line of medical cabinets	A multi-functional long strip medical cabinet is configured at the bottom of the left rear side: 1. The cabinet can be placed with medicines, large and heavy medical equipment and supplies; 2. The upper surface of the cabinet is set with a device placement platform, and the edge protrudes 3cm upward. Multiple medical devices can be placed on the platform above.	1 set
8	Vertical double 10L oxygen cylinder cabinet on the left rear of the medical cabin	1. Configure the oxygen cylinder base; 2. Fixed bracket: the embedded bracket fixing device is used, and the bracket adopts steel threaded fixing mode, which can be taken and put freely.	1 set
9	Soft pack on top edge of cabin door	Safe blue simulated skin.	1 set
10	Medical cabin floor	1. The floor adopts double design; 2. The bottom floor is fireproof material plate; 3. The surface of the floor is wear-resistant, anti-slip, anti-mold, easy to clean and aging resistant medical floor cover, with a thickness of $\geq 2\text{mm}$ . 4. The back of the medical floor cover is non-woven fabric, which is firmly bonded with the fireproof board.	1 set
<b>2. Medical cabin circuit</b>			
1	Comprehensive cabling, centralized control	1. Integrated circuit control, German standard wiring harness, automotive low-voltage wiring harness standard: comply with the national automotive industry standard; 2. All connections of the vehicle wiring harness are made with special automotive connectors, without household plastic-wrapped wires.	1 set
<b>3. Medical cabin electrical</b>			
1	inverter	1. 1000W sinusoidal inverter, integrating inverter, automatic charging, mains battery automatic switching; 2. The use of power frequency scheme and electrical isolation technology, strong load capacity, strong impact resistance; 3. Pure sinusoidal wave output, stable frequency and voltage, small ripple; 4. Intelligent 4-stage charging, the charging voltage and current can be adjusted; 5. Ultra-low static power consumption, effectively saving battery energy.	1 set
2	AC/DC outlets	1. 220V AC combination socket: can connect 4 multi-functional sockets with 2/3 holes; Two 2.12V DC sockets.	1 set
3	walkie-talkie	1. Two-way intercom between cockpit and medical cabin; 2. Hands-free.	1 set
<b>4. Medical cabin electric control</b>			
1	The central door is	When the right middle door is opened, one of the ceiling lights in the medical	1 set

	linked to the inner ceiling light	cabin is lit; when the right middle door is closed, this lighting is automatically turned off.	
<b>5. Lighting and disinfection of medical cabin</b>			
1	Top lighting	LED high brightness lighting.	4 sets
2	Back tail end field lighting	12V, floodlight, normal white light.	1 set
3	UV disinfection lamp	The disinfection lamp has a timed delay opening function.	1 set
4	Medical surgical lights	3*1W color temperature neutral white, the Angle can be adjusted.	2 sets
<b>6. Medical cabin oxygenation system</b>			
1	Respirator oxygen terminal	The terminal for the ventilator (1) is connected to the ventilator connector.	1
2	Oxygen terminal of oxygen cylinder	The oxygenator terminal (1) is connected to the humidifier.	1
3	Humidifier quick-change interface	Plug body assembly (oxygen).	1 set
4	humidification bottle	The flow control valve is integrated with the humidifier, which can be rotated 360°.	1 set
5	oxygen bomb	1. capacity : 10L; 2. Material: steel seamless; 3. Fixed bracket: the embedded bracket fixing device is used, and the bracket adopts steel threaded fixing mode, which can be taken and put freely.	2
<b>7. Medical cabin air conditioning and ventilation system</b>			
1	Cold air conditioning systems	1. Independent control from the cockpit; 2. Cold wind speed can be adjusted.	1 set
2	Heating system	1. Independent control from the cockpit; 2. Warm wind speed can be adjusted.	1 set
3	ventilator	1. Two-way ventilation; 2. The air change rate in the carriage is more than 20 times/hour, and the exhaust capacity is more than 7.5m <sup>3</sup> /min.	1 set
4	sliding window	The right middle door is equipped with an integrated sliding glass window.	1 set
<b>8. Medical cabin seat system</b>			
1	Nurse's chair	Nurse's chair behind the partition, blue fiber imitation leather (with three-point seat belt).	1 set
2	Row-seated seats	Blue fiber imitation leather (with three-point seat belt).	1 set
3	A long nursing chair on the right rear	1. The base is formed by one-piece mold, without joint, and the internal steel lining is used for connection; 2. The lower part of the base adopts curved process design, ergonomic, with space for foot retraction; 3. Configure three-point seat belt; 4. Items can be placed under the seat.	1 set
<b>9. Medical cabin stretcher system</b>			
1	Automatic stretcher on board	The load weight is 181kg, mainly used for transporting patients on and off the ambulance, with good stability, no rollover, and prevent secondary injury of patients.	1 set
<b>10. Vehicle warning light and alarm system</b>			
1	Alarm, light controller	100W/cab control.	1 set
2	alarm lamp	1. The base of the warning light is formed in one piece, fireproof, waterproof, anti-mold and aging resistant; 2. The police light adopts a long row of blue flashing police light and high brightness LED lamp beads;	1 set
3	Flash warning lights on both sides	Square high brightness blue and white flash (one blue and one white on each side).	4 sets
4	Tail flash warning light	Square highlight full blue flash.	2 sets

5	alerter	built-in	1 set
<b>11. Medical cabin accessories</b>			
1	Top safety railings	Blue custom armrest.	1 set
2	Middle door boarding handrail	Blue nylon armrest.	1 set
3	Long guardrail behind the armchair	Blue nylon armrest.	1 set
4	IV line	Fold it up when not in use	2 sets
5	Steel dirt bucket	Stainless steel, 5L.	1 set
6	fire extinguisher	1kg.	1 copy
7	Safety hammer	Intelligence, alerts.	1 set
8	Step on the middle door	Side door step is fixed, easy to get on the car, safe and durable.	1 set
<b>12. Vehicle exterior</b>			
1	Color stripes on body exterior	1. Reflective effect at night; 2. Bright and eye-catching colors; 3. Customizable according to customer requirements.	1 set
2	Medical cabin glass film	1. Black film is attached to the left window of the medical cabin; 2. The right and rear window glass of the medical cabin is coated with 2/3 deep frosted film; 3. The window film is durable and can protect the privacy of passengers for a long time.	1 set

**2. Reference diagram of ambulance appearance (the picture is for reference only)**



**3. Interior reference diagram of ambulance (the picture is for reference only)**



Thank you for your review!