

# IVECO TRANSPORT AMBULANCE

TYM5040XJHIVC6



## 1. Appearance picture of YM5040XJHIVC6 transit ambulance

Hunan Tianyu Automobile Manufacturing Co., Ltd.



## 2. Interior pictures of TYM5040XJHIVC6 transit ambulance

Hunan Tianyu Automobile Manufacturing Co., Ltd.

(Pictures are for reference only)



## I. Brief introduction of vehicles

### 1.1. Introduction

Anwen Iveco Juxing Central Axis and Central Top Transfer Ambulance is developed, designed and produced by Hunan Tianyu Automobile Manufacturing Co., Ltd., an enterprise announced by the Ministry of Industry and Information Technology of the People's Republic of China.

### 1.2. Attributes

Vehicle model: TYM5040XJHIVC6; This product is suitable for pre-hospital use in major medical institutions, and also suitable for post-hospital transfer use in medical transfer institutions.

### 1.3. Basic parameters

Serial number	Category	Parameter
1	Body size (mm)	Length: 5346 (original length) 5580 (plus rear pedal length) Width: 2030 (original vehicle width) 2090 (plus right fixed pedal width)

		Height: 2420 (Forehead boss warning lamp height) 2480 (height of ventilation fan) 2580 (long row of warning lights)
2	Total mass (kg)	3550
3	Curb weight (kg)	2350, 2450, 2550, 2650
4	Wheelbase (mm)	3366
5	Maximum speed (km/H)	156, 160
6	Rated passenger capacity (person)	6-8

## II. Chassis configuration

### 2.1. Main configuration

Serial number	Category	Parameter
1	Engine model	SC20M125.1Q6/SC20M150Q6D
2	Rated power of engine (kw)	93/110
3	Fuel type	Diesel
4	Displacement (ml)	1996
5	Emission standards	Country VI
6	Gearbox	6-gear manual
7	Drive mode	Front drive
8	Brake type	Front: Disc/Rear: Disc
9	Type of suspension	Front: McPherson independent suspension/rear: leaf spring dependent suspension
10	Tire	215/75R16LT;
11	ABS	Have
12	Event Data Recording System (EDR)	Have

### 2.2. Detailed configuration

Serial number	Category	Parameter
1	Front combined headlamp	Have
2	Front fog lamp	Have
3	Rearview mirror	Manual
4	Rear combination headlamp	Have
5	Rear fog lamp	Have
6	High mounted brake light	Have
7	Rear license plate lamp	Have
8	Daytime running lights	Have
9	Cab door	Rotary lift-off type, one left and one right, with electric window
10	Middle passenger door	In the middle of the right side of the car body, there is a manual side sliding door with a fully enclosed glass window.
11	Rear door	Swivel lift-off type, 180° double opening
12	Cab combination instrument	Have
13	Cab central control screen	Yes, the original car navigation is integrated with the rear view
14	Multi-function steering wheel	Have
15	Dome light in the cab	Have

16	Cab cold air	Yes, original standard
17	Cab heating	Yes, original standard
18	Combination switch on the top of cab	Have
19	Central locking	Have
20	Main driver's seat airbag	Have
21	Cab seat	3 Seat with safety belt
22	Constant speed cruise	Have

### 2.3. On-board accessories

Serial number	Category	Parameter
1	Spare tire	1
2	On-board tools	1 set
3	Jack	1
4	Triangular reflective warning board	1
5	Reflective vest	1 piece

## III. Modification configuration

Serial number	Modification project	Technical parameters/main functions	Quantity
<b>3.1. Medical cabin interior</b>			
	Interior decoration roof of medical cabin	Original interior roof	1 set
	Front and rear compartment partition	Completely sealed partition between the cab and the medical cabin: 1. Move the partition board backward by 10 cm to ensure that the backrest of the main driver's seat can be adjusted backward to ensure the driver's comfort and driving safety; 2. There is an observation window in the middle of the partition, which is convenient for the cockpit and medical cabin personnel to check the patient's condition.	1 set
	Partition observation window	Closed glass window, transparent glass with white frame.	1 set
	Cabinet structure	Plate assembly structure	/
	Single 10 L vertical oxygen cylinder at the rear side of partition	Oxygen cylinder cabinet at the left front: 1. configure an oxygen cylinder base; 2. Fixed support: embedded support fixing device, the support is fixed by steel thread, which can be taken and placed freely.	1 set
	Nurse's operation cabinet behind partition	The bottom of the left rear side is equipped with a multi-functional strip medical cabinet: 1. The cabinet body is made of PVC high-density light environmental protection material, without peculiar smell; 2.The upper surface of the cabinet body is provided with an equipment placing platform, and the edge protrudes upward by 3cm.	1 set
	Medical bay floor	1. that floor adopt a double-layer design; 2. that bottom lay of the floor is a fireproof material	1 set

		plate; 3. The floor surface is made of wear-resistant, skid-proof, mildew-proof, easy-to-clean and aging-resistant medical floor leather with a thickness of $\geq 2$ mm. 4. The back of the medical floor leather is provided with non-woven fabric, which is firmly pasted with the fireproof board.	
<b>3.2 Medical cabin circuit</b>			
	Integrated wiring and centralized control	1. Integrated circuit control, German standard wiring harness, vehicle low-voltage wiring harness standard: in line with the national automotive industry standards; 2. All connections of the whole vehicle harness are made of special automobile connectors, and there is no household plastic-covered wire.	1 set
<b>3.3 Medical cabin electrical</b>			
	Inverter power supply	1. 500W sine wave inverter, integrating inverter, automatic charging and automatic switching of mains battery; 2. that pow frequency scheme and the electric quarantine technology are adopted, so that the load capacity and the impact resistance are strong; 3. pure sine wave output, stable frequency and voltage, small ripple; 4. Intelligent 4-stage charging, charging voltage and current can be adjusted; 5. Ultra-low static power consumption, effectively saving battery energy.	1 set
	AC/DC socket	1. 220V AC combined socket: 2 multi-functional sockets with 2/3 holes; 2. 12 V DC socket: 1;	1 set
	Intercom	1. Two-way intercom between cockpit and medical cabin; 2. Hands-free.	1 set
<b>3.4. Electric control of medical cabin</b>			
	Linkage of middle door and interior ceiling lamp	When the middle door on the right side is opened, one dome light in the medical cabin lights up; When the right middle door is closed, this lamp will be turned off automatically.	1 set
<b>3.5. Medical cabin lighting and disinfection and sterilization.</b>			
	Headlight	LED highlight light (rectangular/round).	2 sets
	Ultraviolet disinfection lamp	The disinfection lamp has the function of timing delay.	1 set
<b>3.6. Oxygen supply system of medical cabin</b>			
	Humidification bottle	The flow regulating valve and the humidification bottle are connected into a whole, and the humidification bottle can rotate by 360 degrees.	1 set
	Oxygen cylinder	1. Capacity: 10L; 2. Material: seamless steel; 3. Fixed support: the support fixing device is embedded, and the support is fixed by steel thread, which can be taken and placed freely.	1
<b>3.7. Air conditioning and ventilation system of medical cabin</b>			
	Cold air conditioning system	1. independently controlled by the cockpit; 2. The speed of cold air can be adjusted.	1 set
	Heating system	1. independently controlled by the cockpit;	1 set

		2. that wind speed of the warm air can be adjust.	
	Ventilator	1. bidirectional ventilation; 2. Air change rate in the carriage $\geq 20$ times/hour, air displacement $> 7.5\text{m}^3/\text{min}$ .	1 set
<b>3.8. Medical cabin seat system</b>			
	Single forward-facing seat	1. Blue fiber imitation leather (equipped with three-point seat belt); 2. Adjustable safety guard on the left side; 3. The seat back is adjustable.	1 set
	Rear bench escort seat, right	1. that base adopt an integrated mold forming proces without splicing, and the inside of the base is connected by a steel lining; 2. that low part of the base is designed by an arc proces, which conforms to ergonomics and leaves space for feet; 3. Three-point safety belt; 4. Items can be placed under the seat.	1 set
<b>3.9. Medical cabin stretcher system</b>			
	Automatic loading stretcher	Bearing 181kg, mainly used for transporting patients up and down the ambulance, with good stability, will not roll over, to prevent secondary injury to patients.	1 set
	Uide plate and supporting facilities for stretcher boarding	Made of high quality stainless steel.	1 set
<b>3.10. Vehicle warning light alarm system</b>			
	Alarm and warning light controller	100W/cab control.	1 set
	Police lights	1. that base of the alarm lamp is an integrally for process patch, which is fireproof, waterproof, mildew-proof and aging-resistant; 2. The alarm lamp adopts U-shaped embedded blue flash alarm lamp and LED high-brightness lamp beads; 3. The overall shape of the warning lamp does not constitute patent infringement interference.	1 set
	Flashing warning lights on both sides	Square highlight blue and white flash lights (1 blue and 1 white on each side).	4 sets
	Tail flashing lights	Square highlight full blue flash light.	2 sets
	Alarm	Built-in.	1 set
<b>3.11. Medical cabin accessories</b>			
	Top safety handrail	Blue nylon armrest.	1 set
	Handrail on the middle door	Blue nylon armrest.	1 set
	Rear guardrail of long escort chair	Blue nylon armrest.	1 set
	Infusion hook	Folds up when not in up	1 set
	Fire extinguisher	1kg.	1
	Safety Hammer	Intelligence, alarm.	1 set
<b>3.12. Exterior decoration of complete vehicle</b>			
	Body appearance color strip	1. Reflective effect at night; 2. that color is bright and eye-catching; 3. Can be customized according to customer requirements.	1 set
	Glass window film of medical cabin	1. Black film is pasted on the left window of the medical cabin; 2. The right and rear window glass of the medical cabin shall be pasted with 2/3 deep frosted film;	1 set

		3. Window film is durable and can protect the privacy of passengers for a long time.	
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