



# *Thaco MobitHome*

THE NEW GENERATION PREMIUM SLEEPER BUS



# DESIGN LANGUAGE

- ◉ The new generation Mobihome 120 adopts a futuristic design inspired by the vast beauty of the cosmos, combined with the dynamic lines of nature. This results in a perfect product that redefines premium mobility and offers a distinct travel experience.
- ◉ The grille stands out with diamond-shaped structures accentuated by beveled-edge motifs stylized from the iconic "T" of the brand, creating a completely new, modern, and impressive look.



## ENGINE COVER

It is newly designed with an optimized heat dissipation area, helping maintain engine compartment temperature and improving fuel efficiency.

## LUGGAGE COMPARTMENT

Spacious capacity for cargo storage during long trips.

## SIDE MIRRORS

Equipped with electric adjustment and heating functions, ensuring optimal visibility and enhanced safety during driving.

## LIGHTING SYSTEM

Advanced LED technology provides superior illumination and improves visibility on the road.



## INTERIOR

LUXURIOUS & MODERN

Equipped with advanced technology.



### STEERING WHEEL

Adjustable in height and angle, integrated with smart control buttons.



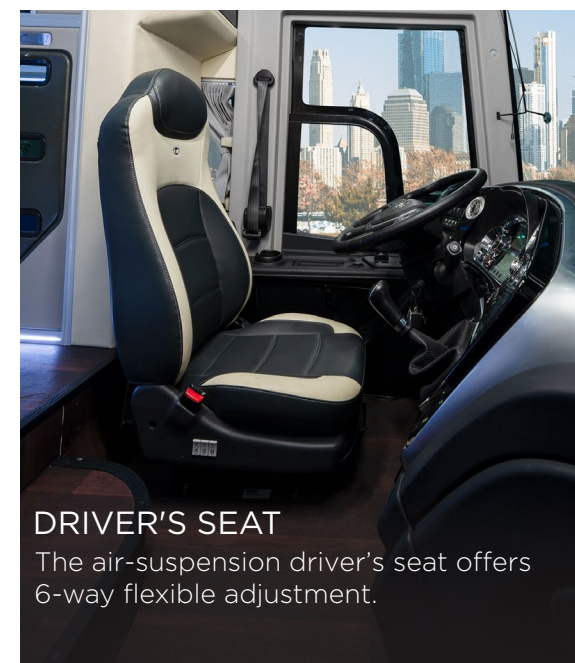
### CHARGING PORT

Equipped with wireless charging and Type A & C ports.



### ENTERTAINMENT SCREEN

10.1" touchscreen with an Android operating system.



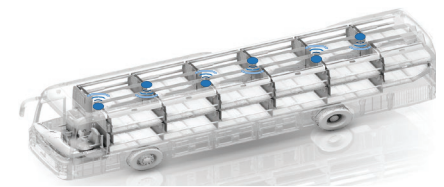
### DRIVER'S SEAT

The air-suspension driver's seat offers 6-way flexible adjustment.



Passenger cabin version with 3 rows of beds.

The bed is made from premium materials for passengers' comfort.

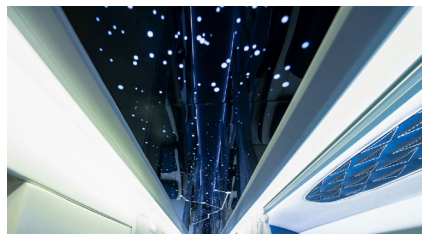


### SOUND SYSTEM

Deliver perfect experience for passengers

## CONVENIENT PASSENGER CABIN

COMFORTABLE TRAVEL EXPERIENCE



### UV CEILING LIGHT

Creating a luxurious atmosphere.



### ENTERTAINMENT SCREEN

11.6-inch touchscreen offers a personalized experience for passengers.



### CHARGING PORT

Type A&C with headphone jack.



### BEDROOM LIGHT

Non-glare for comfortable feeling.



### FRIDGE

Large storage (50L) for food and beverage preservation during long journeys.

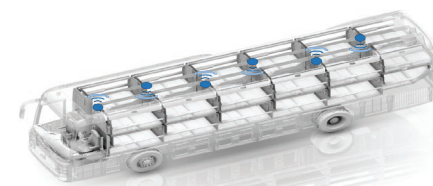


Passenger cabin version with 2 rows of beds.

The bed is meticulously designed and tailored to the East Asian body.



885mm



### SOUND SYSTEM

Equipped with premium speakers

## CONVENIENT PASSENGER CABIN

COMFORTABLE TRAVEL EXPERIENCE



### BEDROOM LIGHT

Minimalist design brings an impressive space.



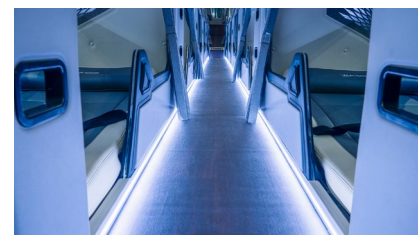
### ENTERTAINMENT SCREEN

15.6-inch touchscreen LCD screen.



### CHARGING PORT

Includes Type A & C ports, headphone jack, and wireless charging.



### AISLE FLOORING

Anti-slip wood-patterned simily material with two LED strips.



### FRIDGE

Large storage for long journeys.

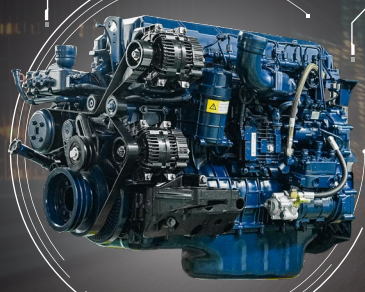


## THE NEW GENERATION WEICHAI ENGINE

400 Ps/1,800 Rpm

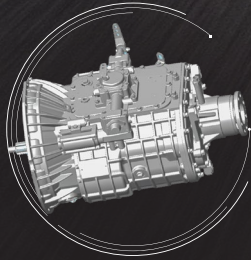
2,000 Nm/ 900-1,300 Rpm

Equipped with electric cooling fan system to maintain optimal engine performance at all times.



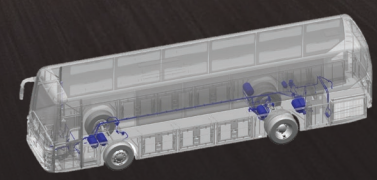
## MT TRANSMISSION

6-speed transmission equipped with power-assisted gear shifting.



## CHASSIS FRAME

The DOMBETTER 6-airbag suspension system: Combined with stabilizer bars for smooth, stable operation across all terrains.



**Brake mechanism:** Operated by an independent dual pneumatic system.

## OPTIMAL SAFETY

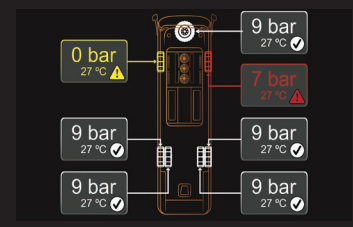
Equipped with smart safety features, ensuring optimal safety under all operating conditions.



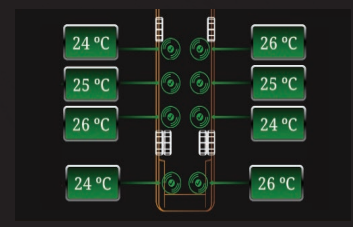
Reverse warning system



Cruise control system



Tire pressure monitoring system



Fire warning system



Drive attention monitor



Alcohol interlock system

# PRODUCTION TECHNOLOGY

Automation technology and digitalized management .



## STAMPING LINE

6,300 tons stamping machine: used for chassis beams.  
1,600 tons stamping machine: used for exterior steel body parts.



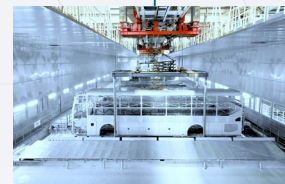
## INTERIOR COMPONENTS

Headlining and flooring panel production with both wet and dry processing technology.



## LASER WELDING LINE

Applied for complex aluminum parts with aesthetic requirements.



## ED COATING LINE

Dipping up to 13.7 meters long, enhancing the durability of mechanical components.



## ASSEMBLY LINE

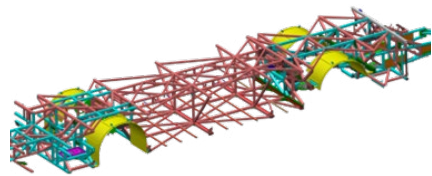
Manipulator for assembly support and torque control technology.



## TESTER LINE

Advanced inspection equipment ensures product quality.

## PRODUCT COMPLETION



Chassis and Chassis components



Body exterior parts



Headlining

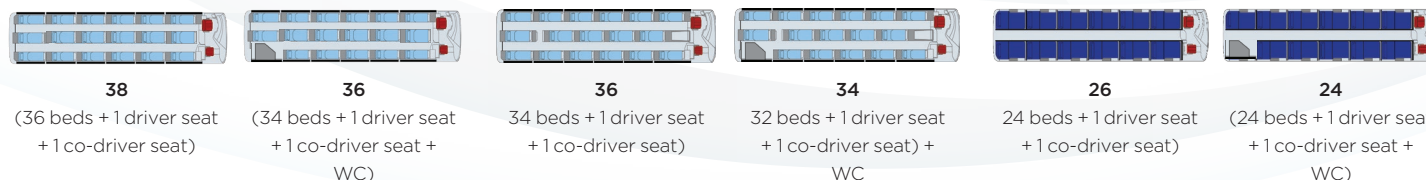


Dashboard-assy

# SPECIFICATION

ITEMS			36 BEDS	34 BEDS(with WC)	34 BEDS	32 BEDS(with WC)	24 BEDS	22 BEDS(with WC)
<b>DIMENSION &amp; WEIGHT</b>	Dimension	Overall length (mm)	12,180 x 2,500 x 3,600		12,180 x 2,500 x 3,600		12,180 x 2,500 x 3,600	
		Wheelbase (mm)	6,000		6,000		6,000	
		Gangway width (mm)	400		400		485	
		Bed width (mm)	480		480		885	
	Weight	Empty (kg)	12,760	12,850	13,260	13,390	13,560	13,690
Gross (kg)		15,650	15,740	16,000	16,000	15,650	15,650	
<b>PERFORMANCE</b>	Engine	Model	WP12H400E50		WP12H400E50		WP12H400E50	
		Type	Diesel, 6-cylinder in line, turbocharged		Diesel, 6-cylinder in line, turbocharged		Diesel, 6-cylinder in line, turbocharged	
		Max power (Ps/rpm)	400/1,800		400/1,800		400/1,800	
		Max Torque (Nm/rpm)	2,000/900 - 1,300		2,000/900 - 1,300		2,000/900 - 1,300	
	Transmission	Model	6DSX200T		6DSX200T		6DSX200T	
	Ratio		3.153		3.153		3.153	
	Wheel rim	Type/Material	8.25X22.5/ Aluminum		8.25X22.5/ Aluminum		8.25X22.5/ Aluminum	
Tires	Brand/standard	Michelin/ 12R22.5		Michelin/ 12R22.5		Michelin/ 12R22.5		
<b>CHASSIS SYSTEM</b>	Suspension system	Front			Dependent, 02 air suspension, 02 shock absorber, stabilizer bar			
		Rear			Dependent, 04 air suspension, 04 shock absorber, stabilizer bar			
	Braking system	Front/Rear	Drum brake		Drum brake		Drum brake	
		Auxiliary	Electronic		Electronic		Electronic	
		Booster system	ABS/ ASR		ABS/ ASR		ABS/ ASR	
Steering system		Recirculating ball with hydraulic booster		Recirculating ball with hydraulic booster		Recirculating ball with hydraulic booster		
Fuel tank (L)		400		400		400		
<b>OPERATION</b>	Max speed (km/h)	120		116		116		
	Gradeability (%)	48		46.8		47.8		
	Turning radius (m)	10.35		10.35		10.35		
<b>CONVENIENCE &amp; ENTERTAINMEN</b>	Charging	Cockpit	Type A & C (Optional wireless charging)		Type A & C (Optional wireless charging)		Type A & C, wireless charging	
		Passenger cabin	Type A&C		Type A&C		Type A & C (Optional wireless charging)	
	Fridge		50 L		50 L		50 L	
	Entertainment	Cockpit	10.1-inch Android multimedia player		10.1-inch Android multimedia player		10.1-inch Android multimedia player	
		Passenger cabin	17-inch LCD screen (in passenger cabin)		11.6-inch LCD screen (optional touchscreen)		15.6-inch LCD screen (optional touchscreen)	
Restroom		No Equipped	Equipped	No Equipped	Equipped	No Equipped	Equipped	
<b>SAFETY SYSTEM</b>	Reserve camera		Equipped		Equipped		Equipped	
	Reverse warning system		Optional		Equipped		Equipped	
	Cruise control system		Equipped		Equipped		Equipped	
	Tire pressure monitoring system		Optional		Optional		Optional	
	Fire warning system		Optional		Optional		Optional	
	Drive attention monitor		Optional		Optional		Optional	
	Alcohol interlock system		Optional		Optional		Optional	

## SEAT LAYOUT (optional)



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