

EASY, SAFE AND RELIABLE OPERATION

Time enhances quality and safety wins trust. C12 is based on YUTONG's "safety first" and "reliability-based" principles, making every journey totally safe, and ensuring continuous and stable operation.



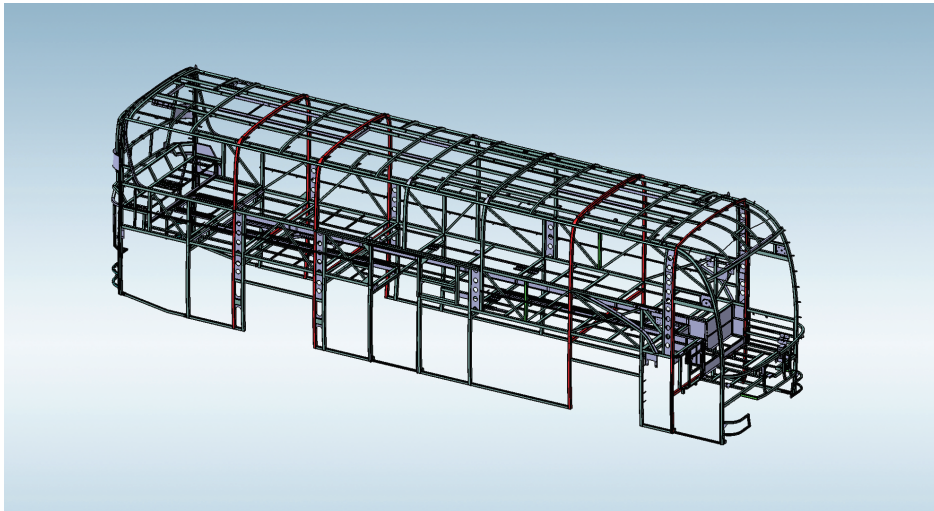
Cathodic electrophoresis of whole vehicle

Vehicle cathodic electrophoresis anti-corrosion treatment has strong resistance qualities, with no rust for 8-10 years.



Diamond ring high-strength body

YUTONG has developed a frame diamond ring closed body skeleton for greater structural safety. In collisions, damage to vehicle body is minimal, effectively protecting the safety of drivers and passengers.





First positive impact energy absorbing safety structure in the industry

In the event of a collision, the energy absorption zone can absorb about 30% of the whole vehicle's collision energy, and driver seat will instantaneously move back 80mm, maximizing protection and safety for vehicle personnel.

Fire safety

Non-engine crossing exhaust management system, with oil path separated from heat source, greatly reducing fire risk. Wiring harness of whole vehicle made with tin-plated copper wire and connectors from international mainstream brands, ensuring reliability, stability, and effectively reducing fire risk.



C12		
ITEM	Standard version	Optional
Overall Dimension(mm)	12000*2550*3860	
Wheel base (mm)	6,050	
Turning radius (m)	≤11	
Engine	WP10.336N	ISLe375 30
Rated power (kw/rpm)	247/1900	275/2100
Rated torque (Nm/rpm)	1500/1350-1500	1550/1100-1400
Displacement (L)	9.726	8.88
Emission	Euro III	
Transmission	FAST 6DSX150TC	FAST 6DSX150TB
Clutch	SACHS pull clutch	
Front axle	YUTONG disc-type 7.5T	
Rear axle	Dongfeng drum-type 13T	YUTONG disc-type 13T
Brake system	WABCO ABS	
Tire	Michelin 295/80R22.5	
Suspension system	Leaf spring suspension	Air suspension
Air conditioner	CLING air conditioner (cooling capacity 32,000kcal/h, imported compressor)	
Fuel tank capacity (L)	600	1000
Number of seats	51+1+1(no toilet)	63+1+1(no toilet)
Seats layout	 51+1+1	 63+1+1



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C12 | A NEW GENERATION OF HIGH-END LUXURY 12-METER BUS



AESTHETICS WITH EUROPEAN STYLE, SIMPLE AND ELEGANT

The look of the new generation C12 is Entirely Brand new style: simple and elegant. In addition, a streamlined profile, Brand new LED headlamps and custom daytime lamps add greater visual appeal to the vehicle.



PEOPLE-ORIENTED FOR A COMFORTABLE RIDE

The design of the interior space in YUTONG C12 follows our “people-oriented” concept; combining operational features for long-distance passenger transportation with optimized driving and riding comfort; and allowing passengers to enjoy the pleasure, and fun, of the journey.



Imitation wood grain floor leather in the bus, indulge in a luxurious journey.



Newly shaped air-conditioning outlets, with soft lighting, indulge in a comfortable journey.



Operating more conveniently. It is arranged on instrument panel to free up more front door space; making it easier for driver and passengers to enter and exit the vehicle.

VISUALLY APPEALING INTERIOR FITTINGS

International design style, with a sense of technology and fashion.

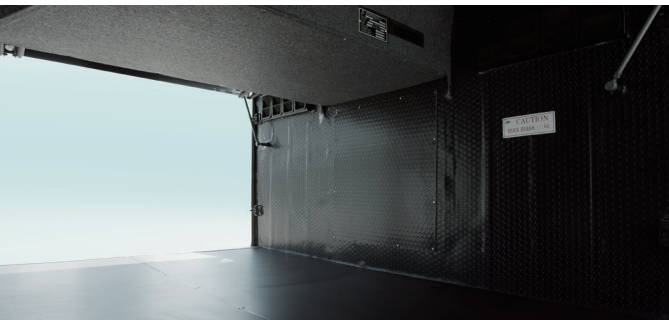


OPERATIONAL ADVANTAGES THAT GUARANTEE PROFITABILITY

After years of in-depth research in the field of bus manufacturing, YUTONG has gained deep insight into actual user needs of operators, continuously improving the operational dimensions of C12, such as economy and convenience, to create greater customer value.

High capacity for improved convenience

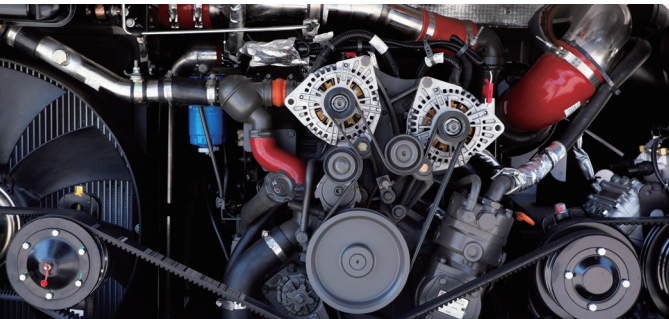
Maximum capacity of luggage compartment is 11.5m³; Which is 1m³ larger than last generation. easily accommodate more luggage and allow passengers to enjoy journey in greater comfort.



Value advantages of energy saving and reduced consumption

Low wind resistance modeling
Through ANSYS analysis, drag coefficient of the vehicle is reduced by 10%; greatly reducing high-speed fuel consumption.

Brand new power chain
With New WEICHAİ + FAST power chain, economy is greatly improved.



Ingenious design and convenient maintenance

Reversible front wall and electrical box
Provide wider accessibility to interior defrosters, wipers, lamps, electrical parts, etc., greatly reducing maintenance time and cost.

Centralized detection joint design
Allow rapid checking of fault points for each brake pipeline, saving maintenance time and cost.

