Yutong, World’s Largest Bus & Coach Builder.

EUROPE: NEW ENERGY BUSES

As the birthplace of the world bus industry, Europe has an important influence on the global bus market. The European market is one of Yutong’s strategic markets. Yutong is dedicated to becoming a global brand and the world’s major bus supplier, therefore the company is particularly cautious about the entry into the European market as well as the management of quality control, especially the management of product and service quality control.

On the basis of product quality and overseas service guarantee, Yutong has received the WVTA certification from the EU after long-term strategic layout. It provides customers with modularized and serialized products that meet the operational needs, and improves the competitiveness of its products so as to gradually build a competitive product platform. Regarding the service, Yutong will further improve the service and spare parts networks and enrich the value-added services to enhance the customer’s experience. As for the market development, it will explore the markets with cautious principle since the market quantity and sales volume are not of great importance, but the customer experience and brand building are.

In the future, ‘Yutong’s’ overall strategy for the European market is still going ahead steadily and seriously. Through gradually expanding the sales network, improving service and parts supply capacity and enhancing the product quality and adaptability to the European market, Yutong will continue to innovate the business mode, financing mode and delivery mode, thereby creating a brand image of a responsible partner which can form a long-term business partnership with European customers.

We look forward to a long and successful partnership with you. Welcome to the Yutong family.

Striving for perfection

43,000,000,000km

Every year, Yutong buses totally run 43,000,000,000 kilometers and carry 34,000,000,000 passengers.

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Scandinavia and China has a long and rich history together.
**Pure Electricity**

**E12 full electric city bus, low floor 12m, ZERO EMISSION**

Features: the driving range can meet the whole-day operation requirement; equipped with high-end specification such as alu-alloy air duct, alu-alloy armrest, follow-up dashboard, LCD electronic instruments, electric rearview mirror and etc; the key components such as steering and others adopt world renowned brands that boast good reliability.

<table>
<thead>
<tr>
<th>Appearance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length/Width (mm)</td>
<td>12170/ 2550</td>
</tr>
<tr>
<td>Height (mm)</td>
<td>3340</td>
</tr>
<tr>
<td>Interior Height (mm)</td>
<td>2200</td>
</tr>
<tr>
<td>Wheelbase (mm)</td>
<td>5875</td>
</tr>
<tr>
<td>Front overhang (mm)</td>
<td>2700</td>
</tr>
<tr>
<td>Rear overhang (mm)</td>
<td>3425</td>
</tr>
<tr>
<td>Kerb weight (kg)</td>
<td>14450</td>
</tr>
<tr>
<td>CVW (kg)</td>
<td>19500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Motor</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Motor:</td>
<td>Yutong YTM280-CV9-H PMSMS, Water cooling</td>
</tr>
<tr>
<td>Max Power (kw):</td>
<td>200</td>
</tr>
<tr>
<td>Max Torque (Nm):</td>
<td>2400</td>
</tr>
<tr>
<td>Emission:</td>
<td>ZERO EMISSION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Charging</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging station:</td>
<td>150 kW / 300 kW</td>
</tr>
<tr>
<td>Charging time (h):</td>
<td>2h 5 min/150kW</td>
</tr>
<tr>
<td>Voltage (AC Volts):</td>
<td>*400V supply to charger</td>
</tr>
</tbody>
</table>

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<tr>
<th>Standard specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis Manufacturer:</td>
<td>Zhengzhou Yutong Bus CO., Ltd.</td>
</tr>
<tr>
<td>Self-supporting structure, steel platform and Yutong MONOCOQUE structure, stell/fiberglass</td>
<td></td>
</tr>
<tr>
<td>Batteries:</td>
<td>Lithium-ion battery, Capacity 374 kWh, 12 batteries (5 in rear, 7 in roof), estimated lifespan 4-5000 cycles, air cooling</td>
</tr>
<tr>
<td>Range (km):</td>
<td>320 km, at 20°C without AC (according to test)</td>
</tr>
<tr>
<td>Drive motor system:</td>
<td>Yutong Drive motor system YTM280-CV4-H</td>
</tr>
<tr>
<td>Transmission:</td>
<td>None</td>
</tr>
<tr>
<td>Braking system:</td>
<td>Double pneumatic circuit, ABS / EBS.</td>
</tr>
<tr>
<td>Steering:</td>
<td>ZF 8098</td>
</tr>
<tr>
<td>Electrical system:</td>
<td>24V ACTIA CAN system</td>
</tr>
<tr>
<td>Axles:</td>
<td>ZF AV-133 rear axle, ZF RL-82EC front axle. Disc Brakes</td>
</tr>
<tr>
<td>Tyres:</td>
<td>Michelin 275/70R22.5</td>
</tr>
<tr>
<td>Suspension:</td>
<td>Air suspension, 2 front 4 rear air bags. SACHS hydraulic two-way shock absorber, kneeling</td>
</tr>
<tr>
<td>Seats:</td>
<td>(Choice of client) 35 seats total, forward-looking 27 seats + 3 flap seats, wheelchair area, door 2+2+0 (second seat row can be two &quot;double&quot; seats for grown up + child) 33 seats total, forward-looking 24 seats + 3 flap seats, wheelchair area, door 2+2+2</td>
</tr>
<tr>
<td>Driver seat:</td>
<td>ISRI</td>
</tr>
<tr>
<td>Total passengers:</td>
<td>Up to 64 standing places</td>
</tr>
<tr>
<td>Door:</td>
<td>2+2+0, Double pneumatic swing in front door, double pneumatic swing out middle door. 2+2+2 Double pneumatic swing in front door, double sliding door middle door, double sliding doors in rear door</td>
</tr>
<tr>
<td>Heating/cooling:</td>
<td>Heating under the driver’s seat (1,5 kW), dashboard heating (5 kW), reverse air conditioning 32000 Kcal</td>
</tr>
<tr>
<td>Emission:</td>
<td>ZERO</td>
</tr>
</tbody>
</table>

Other options available.
Pure Electricity Inter City Bus
Model IC12 Electric

Features: the fuel costs only account for 20% that of diesel buses, greatly saving the operating costs; the stepless speed change reduces the labor intensity of drivers.
An Airfield bus with zero emission

SEE OUR HOMEPAGE FOR MORE INFORMATION

New energy buses

Pure Electric Airfield bus ZK6140BEVBD

• Yutong Bus
• Bus color choice of client
• WVTA homologation YES
• Drive motor YTM280-CV4-H
• New energy system Yutong ReCtrl full electric system
• Driving range 220 km (Yutong test condition)
• Front axle Steering drive axle, bearing capacity 10.000kg
• Rear axle Supporting rear, bearing capacity 13.000kg
• Suspension system 2+4 air suspension with ECAS system
• Brake system Dual circuit pneumatic service brake, front & rear drum brake, energy storage spring parking brake, air drier, brake clearance automatic adjusting, condenser, ABS
• Tire 295/80R22.5 (Rear wheel); 315/80R22.5 (front wheel)
• Service door Pneumatic out-swing driver & co-driver door (optional: manual driver & co-driver door); 6 dual-leaf pneumatic out-swing service door in front, middle and rear on both left and right sides
• Air conditioner (A/C) Roof-mounted independent electric A/C, independent A/C cockpit, max. cooling capacity 56000 Kcal/h
• Seat 8+1+1/8+2+1, passenger seat decorated with fiber glass
• Energy storage system Lithium-iron battery
• Charging time Standard charging 1.5h; quick charging 6min (50km)
• Electric device Hard disk player, 2x17” LCD, color reversing monitor with single camera, color, color reversing monitor with dual cameras, one-button starter of engine, drive recorder, communication device between cockpit and passenger compartment
• Others Roof hatch with ventilator, electric sun visor, fire extinguisher, automatic fire bombs for engine compartment, wheelchair ramp, safety hammer with wires, engine waste heat defrost, water heating defrost

• Size Length 13800 mm, Width 3000 mm, Height 3200 mm
Quality Products
Yutong’s production base creates a variety of safe, comfortable and environmentally friendly buses in accordance with customers’ needs as well as local specifications. Since its inception, Yutong has been committed to developing an overnight charging system for Yutong Buses. Basically, there are two types of chargers.

The first type is a single fast AC/DC charger with rated output power of 150 kW. It is dual plug with automatic disconnection. The input is AC 400V and the output is DC 800V. The charger can be connected to any AC 400V feeder and the current can be up to 320 A. The charger can be connected to any three-phase power supply and can be delivered as station or as a mobile unit.

The second type consists of a container-shaped unit housing centralised electrical equipment. It has two parallel charging modules connected to charging stands with dual plugs. The norm is 750 kW output to five double charging stands each providing 150 kW charging power. This enables the vehicle to be charged in a short time. The charging rate is a function of the grid, the voltage and the current and can be adjusted to charge up to 24 buses at the same time.

Electrocoating Technology
Yutong plants are equipped with a state-of-the-art electrocoating technique. The vehicle had minimal deformation after the crash test. The vehicle had minimal deformation after the crash test. This together gives our customers flexibility and cost efficiency.

Safety
Yutong’s state-of-the-art electrocoating technique greatly improves the corrosion performance and long-lasting beauty of buses. It also brings new life to the company’s internationally accredited Chain company of Germany.

Cost of ownership
Yutong’s turnkey system is a key to the bus company for both profitability and profit-making. The company’s products are designed for life and cost. The unit can offer various kinds of service agreements for flexibility and cost control.

Spare Parts
With respect to spare parts supply, Yutong has invested greatly in order to ensure the punctual supply of spare parts. The new plant has invested greatly in order to ensure the punctual supply of spare parts. Yutong has a new plant that can provide customers with high-quality and prompt spare parts. The company is committed to ensuring that all Yutong bus customers receive the quality of service they expect. The buses which are built for Europe are also designed with many well-known European components.

Warranty
We offer up to 5 years warranty as option.

Service and support
Yutong’s service organization is increasing continuously in Europe with new authorized service dealers in most parts of Europe. To become an authorized service dealer means that the workshop must undergo an audit program which covers everything from tooling to training. A Yutong authorized service workshop needs to meet the standards which are settled and controlled by the Yutong factory, in order to ensure that all Yutong bus customers receive the quality of service they expect. The buses which are built for Europe are also designed with many well-known European components.

Quality Products
Yutong Buses is the first company in China’s bus industry to conduct the anti-corrosion testing. The accelerated corrosion testing is carried out according to the normal corrosion cycle in a salt environment. The corrosion test consists of three different phases: the accelerated corrosion test, the steel corrosion test and the salt spray test. The tests are done under standard conditions to simulate the effects of corrosion. The results show that the steel corrosion test is sufficient to simulate the effects of corrosion. The vehicle had minimal deformation after the crash test. This together gives our customers flexibility and cost efficiency.

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Yutong Eurobus
Your partner in Scandinavia

Up to 5 years warranty

Choose Yutong for
• Advanced design high specifications • Quality and safety • Latest European drivelines • 5 years warranty as option
• Service back-up across Europe • Low whole life costs • Value for money

FOR YOU
www.yutongeurobus.com

Yutong makes reservations for errors and changes.