

THE ALL NEW 12.5 M

# NOVA

*Good to Great*



**MASTER MOTOR**



**YUTONG-MASTER**



# DESIGNED TO ENSURE LOVE AT FIRST SIGHT

The NOVA redefines the travelling experience with exclusively modern bus aesthetics, aerodynamic design & technological brilliance.



## 1 NOVA - Gives You Wings

Streamlined double windshield design and exquisite aerodynamics all around the body. Integrated rear view mirrors designed for high performance and low wind resistance.

## 2 Eyeing the Future

The front integrated LED headlights, highlighting its firm and resolute nature.

## 3 Bigger, Better and Bolder

The increased length of 12.5m ensures better passenger comfort and higher operational profitability.



# THE ULTIMATE PERFORMANCE - GUARANTEED

NOVA Bus is equipped with the most advanced operations and safety control systems of the industry which ensures the cost effective & safe operations of the vehicle using high-end technology.



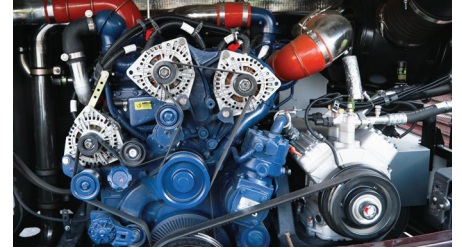
## Italian 8 Fan Electronic Radiator

Made in Italy, SPAL Automotive intelligent Electronic Radiator with waterproof fans which results in better performance, optimized engine power and lower fuel consumption.



## Trusted, High Quality & Reliable Electronic Systems

Imported waterproof connectors, electrical components and best in class sensors.



## Fire Safety Design

Additional fireproof cover for the isolation of heat source. Layered layout of pipe lines, which is fixed and reliable. The engine is matched with a large radiator which is longitudinally placed to provide increased space for ease of maintenance.



HC700 High Strength Steel making the skeleton more solid



High Strength Suspension



Emergency Exit Door



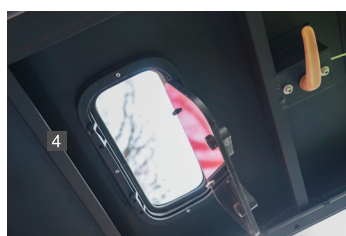
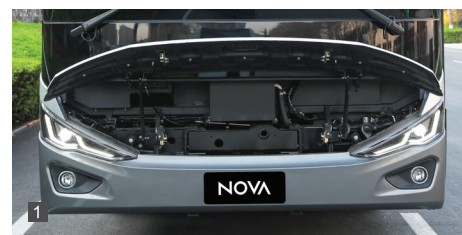




## TAKING OPERATIONS & MAINTENANCE TO THE NEXT LEVEL

Based on the actual needs of the operators, ZK6138HP is deeply optimized in key dimensions such as operational efficiency, maximum space utilization, ease of maintenance and performance reliability to make the operation more worry-free and create more value for customers.

- 1 Reversible front bumper:**  
Easy to overhaul headlights, brake pumps and other components.
- 2 Turnable fixed structure for electrical parts:**  
Hidden wiring, which is clean and tidy. Easy to flip and convenient to reach.
- 3 Visible rear-closed relay box:**  
The circuit board in the box can be viewed at a glance, making maintenance easier.
- 4 Cabin door for micro power switch:**  
Without opening the whole cabin door, you can turn on and off the power switch.
- 5 Optimized location of oil filter:**  
Easy replacement of oil filter when there is no gutter.
- 6 Additional luggage compartments:**  
Take your valuables with the sense of safety.







## EXCITING YOUR COMFORTABLE JOURNEY

NOVA Bus provides a complete set of advanced solutions to improve the experience of drivers and passengers and to make the journey comfortable, safe, and reliable.

### 1 Newly designed Business seats

More comfortable seat cushion and new color scheme are adopted. The leg space is further enlarged.

### 2 7 Color Mood Lights

A variety of cabin atmosphere light scheme, pleasing to the eye.

### 3 Business window column

New window garnish throughout the cabins for the pleasure and experience of high-end business ride.

### 4 Pillar-less Head Rack

Maximize the use of space. Convenient for passengers to take luggage.

### 5 Digital Seat Numbers

Luggage rack is integrated with digital seat numbers, enhancing the overall ambiance of passenger cabin.

### ■ Encircling Instrument Panel

Thoughtfully designed ergonomic layout of the driver's cockpit gives easier access to driver for smooth operation and effortless experience. The gear shifting mechanism is arranged in the instrument panel to free up more space in the driving area.

### ■ Multi-function Steering Wheel

With a total of 10 buttons, the steering wheel is integrated with multiple functions to reduce the burden of operation.

### ■ Gun Barrel Instrument

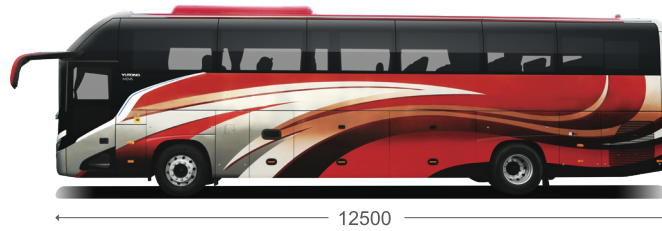
With sunshade, non-reflective 5 inch LCD screen is integrated with multiple information display function. The vehicle state can be clearly viewed at a glance.

### ■ 10.4-inch Integrated Central Control

Integrate mobile phone interconnection, fault diagnosis, reversing monitoring and other functions to bring passenger car level driving experience.





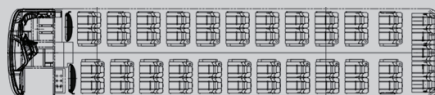


## TECHNICAL SPECIFICATIONS



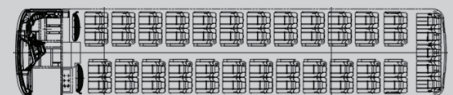
Item	Description
Total Length x Width x Height	12500 x 2550 x 3840
Approach Angle / Departure Angle (°)	9.2 / 8.8
Minimum Turning Diameter (m)	22.5
Engine	Weichai WP10.375
Displacement (L)	9.726
Emission	Euro III
Rated Power (PS / rpm)	375 / 2200
Rated Torque (N.m / RPM)	1460 / 1400-1600
Fuel Type	Diesel
Transmission	Original ZF (Hungary) Model ZF6S1610BO
Front Axle / Rear Axle	Molead Disc Axle / Meritor (American) Disc Axle
Centralized Lubrication	Equipped with Centralized Lubrication System
Brake Safety System	WABCO ABS
Thermal Management System	SPAL Automotive Electronic 8 Fan Radiator (Made in Italy) - Intelligent Engine Cooling System
Suspension System	Air Suspension (6 Bellows)
Tire	Michelin X Coach 295 / 80R22.5
Fuel Tank	600L
Driver Restroom	Air-Conditioned Driver Restroom with Intercom, Lights and Fresh Air Vents
Luggage Compartment	Super Spacious Luggage Compartment with 4 Additional Safe Compartments
Air Conditioning	BFFD-06 Air Conditioner (Refrigerating Capacity 32000Kcal / h, BOCK Compressor)
Seating Capacity	49+1+1 / 53+1+1 / 9+33+1+1 / 33+1+1 Seats

Standard A



49+1+1

Standard B



53+1+1

Business Class A



9+33+1+1

Business Class B



33+1+1



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