



# NEUTON AUTO™

Driving Towards Sustainable Urban Mobility



**SCHOOL BUS**  
**Zero Emissions | 100% Electric**

# Key Features Of Neuton



**MONOCOQUE SPACEFRAME INTEGRAL STRUCTURE**  
Safer and Lighter



**INTELLIGENT MOBILITY**  
Intelligent tracking system integrated in driver area with Video surveillance for a user integrated experience



**REGENERATIVE ENERGY**  
Braking systems recover energy



**FRONT INDEPENDENT AIR SUSPENSION**



**WISHBONE REAR AIR SUSPENSION**



**ELECTRONICALLY CONTROLLED AIR SUSPENSION**

For a superior ride experience



**ANTI-LOCK BRAKING SYSTEM**



**ELECTRONIC BRAKE-FORCE DISTRIBUTION**



**HILL HOLD ASSIST**

Vehicle Safety



**SOS**



**CCTV CAMERA**



**REAL TIME LOCATION TRACKING**

Children Safety



## TECHNICAL SPECIFICATIONS FOR SCHOOL BUS

### BUS DIMENSIONS AND CAPACITY

Length of Bus	9230 mm
Width of Bus	2400 mm
Height of Bus	3100 mm (including AC)
Wheel base	4640 mm
Floor height min	900 mm
Seating Capacity	43 + 1D
Seat Type	2 x 3 Cushion Bench type Seat And Backrest

### CHASSIS AND DRIVELINE

Chassis frame	Monocoque Space Frame	
Braking system	Front	Disc
	Rear	Drum
Regenerative Braking	Electrical Regenerative Braking	
Gross Vehicle Weight	13,500 Kgs	
Motor	Permanent Magnet Synchronous	
Max. Power	215 kW	
Max. Speed	60 kms/hr	

### BATTERY

Battery Capacity	200 (kWh)
Battery Type (Chemistry)	Lithium Iron Phosphate (LFP)
Type of Cooling (Battery)	Active Chilling System (water + glycol)
Battery Mounting	Below Passanger Floor
Time for Full Charge (with proposed battery and charging solution(s))	2 hrs. External Charging using Dual Gun Fast Charger

### SUSPENSION AND STEERING

Suspension System	Superior Air Suspension Front & Rear with ECAS
Suspension Front	Double Wishbone Mounted Independent Air Suspension
Suspension Rear	Wishbone mounted Air Suspension
Steering System	Electro-Hydraulic Power Steering

### TYRES AND WHEELS

Wheel Disc	22.5 x 7.5
Tyres	255/70 R22.5

### OTHER SPECS.

Air Conditioning System	High Voltage Electric Rooftop Air Conditioning Unit
Door System	Electro Pneumatic
No of Doors	1 Front
Driver / Emergency Door	As per AIS 052

### SAFETY FEATURES AND ITS (OPTIONAL)

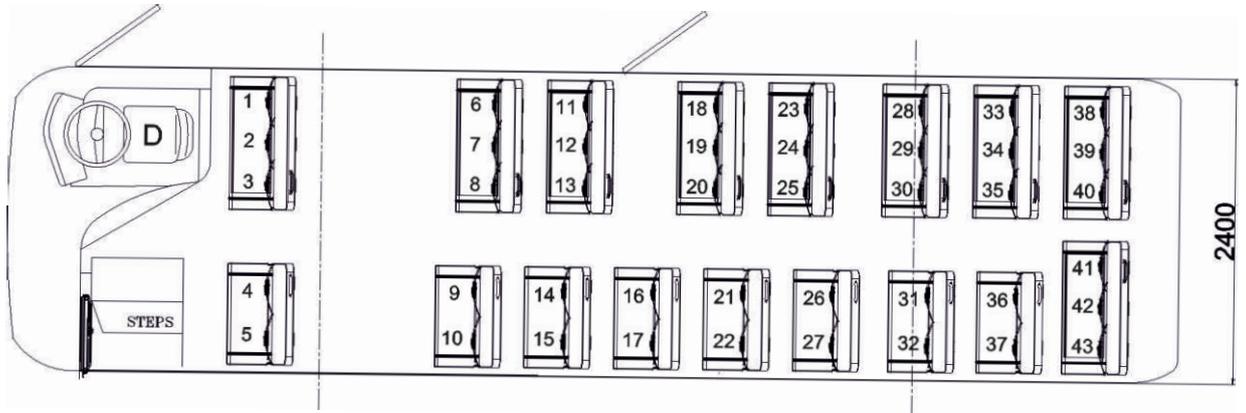
Intelligent Transport System	Display Boards, CCTV, PIS, Reverse Camera, TFT LCD on Dashboard And GPS
Passenger Safety	Panic Button (AIS 140),
Passenger Safety	Anti-pinch pneumatic passenger doors
Hill Hold Control	Provided
Tyre Pressure Monitoring System	Provided with display on dashboard



NEUTON  
AUTO

◀The future of mobility▶

SCHOOL BUS  
43+D  
SEATING  
LAYOUT



## It's a Collaborative Alliance



### Superior Client Care & Support

Our team of customer service managers, stationed strategically across regions, stands ready as your initial contact for all your vehicle maintenance requirements, ensuring your fleet's continuous operation.

*Neuton Auto Private Limited reserves the right to change specifications, schemes and equipment without prior notice.*

*The colour plates shown may vary a little from the actual colours due to the limitations of print process.*

*Please consult your dealer for full information and availability on colours and trim*