



# NEUTON AUTO<sup>TM</sup>

Driving Towards Sustainable Urban Mobility



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



## Key Features Of Neuton



### Monocoque Spaceframe

Integral structure makes it more safe and light



### Zero Emission

100% Pure electric



### Intelligent Mobility

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



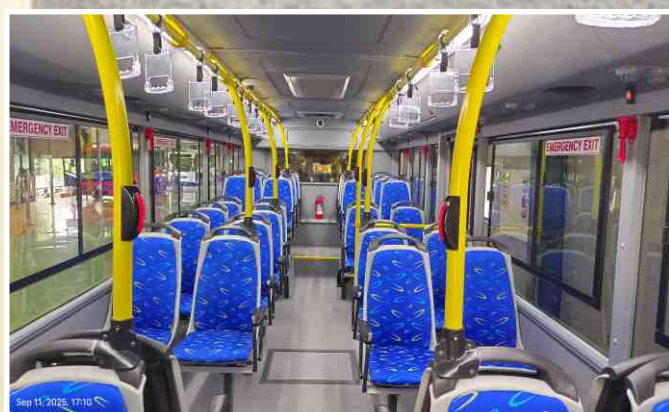
### Safety

Electronic controlled systems such as EBS for safe braking control



### Regenerative Energy

Braking systems recover energy



## TECHNICAL SPECIFICATIONS

| CITY | STAFF |
|------|-------|
|------|-------|

### BUS DIMENSIONS & CAPACITY

|                  |  |  |
|------------------|--|--|
| Length of Bus    | 9230 mm                                      |  |
| Overall Width    | 2400 mm                                      |  |
| Wheel base       | 4640 mm                                      |  |
| Floor Height     | 900mm  |  |
| Seating Capacity | 34 + D (2 X 2)                               | 31 + D (2 X 2)   |
| Seat Type        | Fixed Type with cushion for seat & back rest | Semi Reclining Seats with cushion for seat & back rest |

### CHASSIS & DRIVELINE

|  |                                 |      |
|--|---------------------------------|------|
| Chassis frame                          | Monocoque Space Frame           |      |
| Braking system ( <b>ABS with EBS</b> ) | Front                           | Disc |
|  | Rear                            | Drum |
| Regenerative Braking                   | Electrical Regenerative Braking |      |
| Gross Vehicle Weight                   | 13,500 Kgs                      |      |
| Motor                                  | Permanent Magnet Synchronous    |      |
| Max. Power                             | 235 KW                          |      |
| Max. Speed                             | 75 +/- 5 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 Passenger Floor                                |
| Time for Full Charge (with proposed battery and charging solution(s)) | 2 hrs. External Charging using Dual Gun Fast Charger |

### SUSPENSION & STEERING

|                   |   |
|-------------------|---|
| Suspension System | Superior Air Suspension Front & Rear with <b>ECAS</b> |
| Suspension Front  | Double Wishbone Mounted Independent Air Suspension    |
| Suspension Rear   | Wishbone mounted Air Suspension                       |
| Steering System   | Electro-Hydraulic Power Steering                      |

### OTHER SPECS.

|                         |   |         |
|-------------------------|---|---------|
| Air Conditioning System | High Voltage Electric Rooftop Air Conditioning Unit |         |
| Door System             | Electro Pneumatic                                   |         |
| No of Doors             | 1 Front + 1 Middle                                  | 1 Front |
| Driver / Emergency Door | As per AIS 052                                      |         |
| BRTS (Optional)         | 1 Middle  | N/A     |

### SAFETY FEATURES & ITS

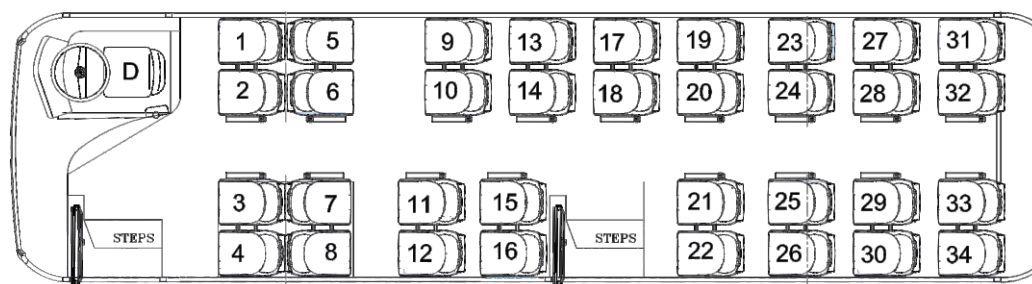
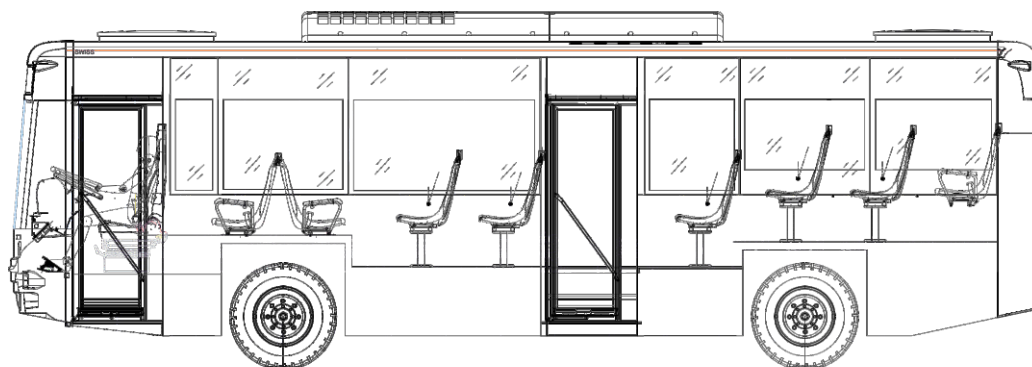
|                                 |   |
|---------------------------------|---|
| Intelligent Transport System    | Display Boards, CCTV, PIS, Reverse Camera, TFT LCD on Dashboard & GPS |
| Passenger Safety                | Panic Button (AIS 140),   |
| Tyre Pressure Monitoring System | Provided with display on dashboard                                    |



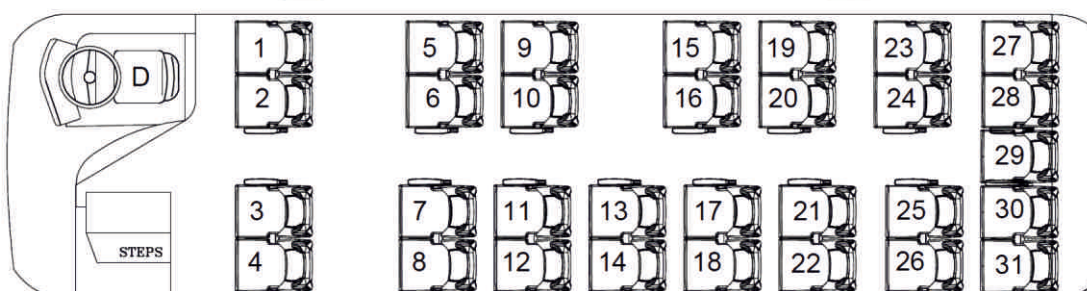
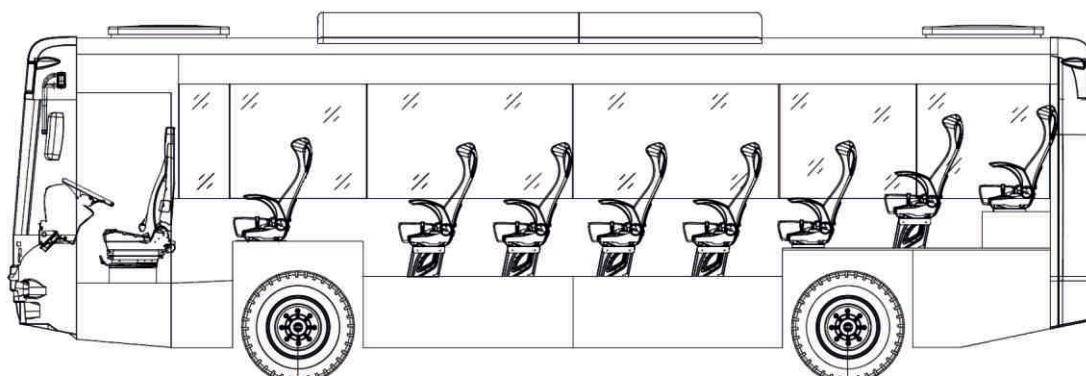


NEUTON  
AUTO

◀The future of mobility▶



CITY BUS  
SEATING  
LAYOUT



STAFF BUS  
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*