

XOS



CLASS 8 ELECTRIC TRACTOR

WINDROSE



CLASS 8 ELECTRIC TRACTOR

WINDROSE

With industry-leading range up to 420 miles and one of the lightest chassis designs available, Windrose maximizes payload while delivering zero-emission performance for demanding long-haul routes. Rapid charging capability enables dual-shift operations without traditional infrastructure barriers.

| | Standard range | Long Range |
|-----------------------------|-------------------------------|----------------------------|
| Classification | | |
| Class | Class 8 | Class 8 |
| Wheel Configuration | 6x4 | 6x4 |
| General Dimensions | | |
| Vehicle Length - in. | 318.9 | 318.9 |
| Vehicle Width - in. | 100.2 | 100.2 |
| Vehicle Height - in. | 154.9 | 154.9 |
| Wheelbase | 183.1 + 53.2 | 183.1 + 53.2 |
| Ground Clearance - in. | 11.4 | 11.4 |
| Turning Radius - in. | 413 | 413 |
| Weight | | |
| Curb Weight - lbs. | 21,605 | 26,235 |
| Max Payload - lbs. | ~31,350 lb (varies by config) | |
| GCWR - lbs. | 82,000 | 82,000 |
| Performance | | |
| Top speed | 75 | 75 |
| Max Range - mi. | 295 | 420 |
| Max Horsepower - Hp | 1394 | 1045 |
| Rated Horsepower - Hp | 912 | 684 |
| Operating Temperature | -40°C - 85°C | -40°C - 85°C |
| Motor Cooling | Water Cooling | Water Cooling |
| Powertrain | | |
| Motor Type | 800V Permanent Magnet Sync | 800V Permanent Magnet Sync |
| Number of motors | 4 | 3 |
| Maximum Output Torque - N-m | - | 35,000 |
| Maximum Gradability (1st) | 35% | 35% |
| Sustained Gradability (1st) | 17% | 17% |
| Charging | | |
| Charging Port Type | CCS1 / MCS / CHAdeMO | CCS1 / MCS / CHAdeMO |
| Battery Capacity - kWh | 436 (NMC) | 705 (LFP) |
| Time to Charge DC 20-80% | 35 min*** | 38 min*** |
| Rated Voltage | 800V | 800V |

**Actual vehicle dimensions may vary depending on vehicle configuration
 **Actual vehicle range depends on vehicle load, environmental conditions, and driver behavior
 ***Charge times with dual charging capability. May vary depending on charger used.



KEY FEATURES

- Advanced digital mirror system
- Automatic emergency braking
- Adaptive cruise control & lane centering
- Rapid dual-port charging
- Multi-standard charging compatibility
- Intelligent dual-display cockpit interface