WELCOME TO
A NEW WAY
TO WORK...

CLEAN
efficient transportation

CLEAN QUIET-SHIFT OF POWER
Nautilus XE30™ the ultimate in driving pleasure. Equipped with high efficiency Quiet electric motor and lithium ion batteries for increased range, we have extended your driving pleasure in short haul applications. Equipped with 240 Kw controller and maximum low end torque XE30™ provides the ultimate in economy, functionality and comfort in congested short haul city traffic. Ergonomic low cab step height with advanced instrument panel design and the quiet drive system makes XE30™ cabin the ultimate driver environment.

Imagine having fuel cost savings of up to 60% without compromising power and comfort, XE30™ is best in class in zero emission electric trucks.

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PRODUCT FEATURES AND SPECIFICATIONS

**Performance**
- Max speed 55mph (88 Km/hr); unloaded grade 10%, loaded 5%; Max Load 7 Tons; Range unloaded 150 miles (240 Km) fully loaded range 90 miles (150 km) 8 hour full charge time.

**Cabin**
- Painted white; Air ride operator seat with lumbar support adjustment; three point seat belt; Safety glass tinted front windshield; Steel doors with power windows; dual headlights, turn signals, clearance lights (DOT); side view mirrors; Sun Visor, tilt steering column, air conditioning and heater, AM/FM/CD Stereo roof mounted.

**Instrumentation**
- Dash mounted LCD display and operator information system; intuitive self diagnostic and vehicle status display; battery management system; energy fuel gauge; range gauge; on-board vehicle data and status storage; speedometer; analog fault lights for air pressure, transmission status and brake system; integrated USB data port for data downloads.

**Battery**
- 280 kWhr Lithium Ion battery pack, 324 Volt; automatic low voltage shutdown during operations; battery management system monitors each battery cell performance; on-board battery energy usage meter and life calculator.

**Charger**
- 20 KW standard charger; 6-8 hour charge time; 80KW multi-vehicle optional fast charger; 4 charging ports standard; priority smart charge algorithm based on vehicle state of charge.

**Controller**
- Proprietary flux vector motor controller 240 KW liquid cooled; integrated CAN BUS and self diagnostic system; solid state switching controls 600 amp rated; independent switching controls for accessory drives, auto shut-off during idling operations; USB or wireless data acquisition ports; built in energy management system and battery life calculator.

**Motor**
- 300 hp. rated 230 volt AC vector duty electric motor connected to flux vector variable frequency controller; full continuous torque at zero speeds; 300% peak load rating; laminated square frame design allows for more hp in smaller frame; 1000:1 constant torque in vector mode; built in thermostats on each phase; connected directly to automatic transmission; low rotor inertia for faster acceleration; fully enclosed zero maintenance; regenerative braking.

**Transmission**
- Rugged duty seamless full power shift, 6 speed fully automatic Allison 3000 RDS transmissions; heavy duty torque converter which reduces shock and strain on drive line components and electric motor; electronic CAN Bus shifting controlled by proprietary variable frequency control system.

**Chassis**
- 161" inches wheelbase 3/6" Variable drop steel; dual rear tail lights, turn signals, reverse lights and brake lights; driver side and curb side mounted battery boxes.

**Drive Axle**
- Dana D46-590 Rear Drive Axle Tandem, Custom ratio, Hendrickson HAS-400 Air Suspension, Shock absorbers, Bendix ABS with PLC; Bendix ABS with PLC.

**Front Axle**
- 22.5 X 8.25" front wheels, 11R22.5 H 16 Ply rated tubeless type radial, Continental HSR, Mentor MFS-14 Steer, Axle, 14700# Rating; 5500 lb flatleaf spring suspension, 12,500 capacity, Arvin Mentor 16.5XS QP Brakes, integral power steering.

**Steering**
- Hydraulic assist steering with mechanical backup; automotive hydraulic pump with automotive heavy duty steering gear box; constant running PTO pump with priority steering backup.

**Vehicle Dimensions**
- Overall L X W X H - 288 X 96 X 59; wheelbase 161"; front wheel overhang 71, rear wheel overhang 56", Front GAWR - 12,500 lbs, Rear GAWR 40,000 lbs, GVWR 52,500 lbs. Fifth wheel 70,000 lb capacity.