



# ALL BITE. NO BARK.

The All-Electric E-ACTT®  
Max Performance. Zero Noise. Zero Emissions.

100 years ago came the first electric truck with the Autocar name. Today Autocar, LLC is perfecting it. Continuing our proud history of innovation, Autocar has developed the E-ACTT, an all-electric terminal tractor every bit as powerful and productive as its diesel sibling. The E-ACTT is a custom-engineered severe duty yard truck that's purpose-built from the ground up offering a zero-emission solution, reduced maintenance costs and far better return on investment.



UP TO A 22 HOUR  
DUTY CYCLE



CHARGES IN 2 HOURS\*



85% PARTS COMMONALITY  
WITH ITS DIESEL SIBLING



EV POWERTRAIN  
DESIGNED IN HOUSE



INDUSTRY  
LEADING SERVICE



100% BADASS®..  
HAND BUILT IN THE USA\*\*



LEARN MORE AT [AUTOCARTRUCK.COM/ACTT/EACTT](http://AUTOCARTRUCK.COM/ACTT/EACTT)  
OR CALL 765.439.0162

\*charging times may vary, \*\*built with U.S. and imported parts

## POWERTRAIN

|                             |                                                |
|-----------------------------|------------------------------------------------|
| Electric motor model        | Single speed electric motor - zero maintenance |
| Motor power (continuous)    | 150kW (200hp)                                  |
| Motor torque (peak/nominal) | 4500Nm / 2170Nm (3320 lb-ft/1600 lb-ft)        |
| Max wheel torque            | 31,650Nm (22,600 lb-ft) 7.17 rear axle ratio   |

## CHARGING SYSTEM - DC OFF BOARD (\* FIGURES ARE BASED ON INSTALLED COMPACITY)

|                      |                                     |
|----------------------|-------------------------------------|
| Charging type        | CCS Type 1, Off-board charger       |
| Charging (nominal)*  | DC 30kW overnight                   |
| Charging (fast)*     | DC 150kW 2hrs to 90%                |
| Opportunity charging | DC 150kW 35min to charge 10-50% SOC |

## ENERGY STORAGE SYSTEM

|                       |                      |
|-----------------------|----------------------|
| Installed capacity    | 210kWh               |
| Voltage (max/nominal) | 650V/610V            |
| Thermal management    | Liquid heated/Cooled |

## TRANSMISSION AND EQUIPMENT

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Transmission     | None                                                     |
| Shift controller | Push button                                              |
| Driveline        | Dana Spicer 1710 - full round at motor & half round axle |

## 5<sup>TH</sup> WHEEL AND HYDRAULIC SYSTEM

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| 5th wheel                | SAF/Holland 80,000 lb semi-oscillating 16 inch lift<br>SAF/Holland 100,000 lb semi-oscillating 16 inch lift |
| Hydraulic lift cylinders | (2) 5 inch 50,000 lb capacity, upper & lower spherical bushings<br>Limited lift height cylinders            |
| Hydraulic tanks          | 15 gallon steel tank w/sight glass                                                                          |
| Pump                     | 21.1 cm <sup>3</sup> /rev; 150 bar relief pressure                                                          |

## CHASSIS AND EQUIPMENT

|                 |                                            |
|-----------------|--------------------------------------------|
| Wheelbase       | 122 inch<br>128 inch                       |
| Frame           | 2.0 million RBM, 120KSI heat treated steel |
| Frame fasteners | Grade 8 huck fasteners                     |
| Bumper          | Steel reinforced bumper                    |
| Tow device(s)   | Front & rear tow eyes                      |
| Mud flaps       | Rear of drive tires                        |

## ELECTRICAL SYSTEM

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Electrical system     | 12V & 24V; Negative ground                                             |
| Alternator/converters | 12V/3kW; 24V/5.6kW                                                     |
| Starter               | Not applicable                                                         |
| Batteries             | 12V AGM 60AH                                                           |
| Circuit protection    | Circuit breakers; Fuses                                                |
| Windshield wipers     | Single electric (pantograph) intermittent w/washer                     |
| Backup alarm          | Non-motion detecting<br>Motion detecting, CA compliant, or white noise |
| Horn                  | Single electric                                                        |
| Telematics            | Autocar Advanced Telematics - full installation                        |

## FRONT AXLE AND EQUIPMENT

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| Axle model               | Meritor MFS wide track (14,700 lb rated)                   |
| Front suspension         | Flat leaf (14,500 lb rated)<br>Flat leaf (18,800 lb rated) |
| Shock absorbers          | Double acting - heavy duty                                 |
| Power steering           | Gearbox, integral steering w/mechanical backup             |
| Power steering reservoir | Integral w/hydraulic tank                                  |
| Brakes                   | 16.5 x 5                                                   |
| Brake drums              | Cast iron, hub pilot                                       |
| Stack adjusters          | Meritor<br>Haldex                                          |

## PERFORMANCE

|                  |                      |
|------------------|----------------------|
| Drive duty cycle | None                 |
| Top speed        | Up to 40mph          |
|                  | Based on application |

## REAR AXLE AND EQUIPMENT

|                            |                                                                            |
|----------------------------|----------------------------------------------------------------------------|
| Axle model                 | Meritor RS23-186 (single reduction)<br>Meritor RS30-380 (double reduction) |
| Rear axle ratio            | 7.17:1 (RS23-186)<br>10.62:1 (RS30-380)                                    |
| Rear suspension            | Solid<br>4S4M w/o traction control                                         |
| ABS                        | 4S4M w/ traction control & ESC (required for speeds over 33mph)            |
| Collision avoidance system | None<br>ADAS (Coming soon)                                                 |
| Brakes                     | 16.5 x 7 s-cam                                                             |
| Brake drums                | Cast iron                                                                  |
| Stack adjusters            | Meritor<br>Haldex                                                          |
| Rear hubs                  | Cast iron, hub pilot                                                       |
| Gear lubricant             | Synthetic                                                                  |

