

Autocar E-ACTT™

All-Electric Terminal Tractor

As a leader in truck innovation, Autocar has developed an electric terminal tractor every bit as powerful, productive, and rugged as a diesel version.

The E-ACTT is a purpose-built severe-duty yard truck offering zero emissions, reduced maintenance costs, and better return on investment (ROI).



CCS-1 Charging

Industry standard DC fast charging allows fleets to have a comprehensive approach towards their terminal tractors and other commercial vehicle platforms.

Efficiency

Liquid cooled batteries help stabilize the battery temperature, reduce annual degradation and maintain the performance of the E-ACTT.

Serviceability

Autocar's powerpack design gives easy access to service areas because it was configured with the technician in mind.

Productivity

Both drivers and fleet staff can easily identify if the E-ACTT is plugged in and charging during lunch breaks or shift changes.

There's power in change. Make the switch.



Learn more at autocartruck.com/actt/eactt
or call 765.439.0162

POWERTRAIN	
Electric Motor Model	Single speed Electric motor - Zero Maintenance
Motor Power (Continuous)	150kW (200hp)
Motor torque (Peak/Nominal)	4500Nm / 2170Nm (3320 ft.lb / 1600 ft.lb)
Max Wheel Torque	31 650Nm (22 600 ft.lb) 7.17 rear axle ratio

CHARGING SYSTEM - DC OFF BOARD [*FIGURES BASED ON INSTALLED CAPACITY]	
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/min)	650V
Thermal Management	Liquid Heated/Cooled

TRANSMISSION AND EQUIPMENT	
Transmission model	None
Range Selector	Push Button
Driveshaft	Dana Spicer 1710 - Full round at Motor & half round at Axle

5TH WHEEL AND HYDRAULIC SYSTEM	
5th wheel	SAF/Holland 80,000 lb semi-oscillating 16 inch lift
	SAF/Holland 100,000 lb semi-oscillating 16 inch lift
Hydraulic lift cylinders	(2) 5 inch 50,000 lb capacity, upper & lower spherical bushings
	Limited lift height cylinders
Hydraulic tanks	15 gallon steel tank w/sight glass
Pump	21.1 cm ³ /rev; 150 Bar Relief pressure

CHASSIS AND EQUIPMENT	
Wheelbase	122 inch
	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/o washer
	Single electric (pantograph) intermittent w/washer
Backup alarm	Non-motion detecting
	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)
	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	15 x 4
	16.5 x 5 s-cam
Brake drums	Cast iron
Stack adjusters	Meritor automatic slack adjusters
	Haldex slacks

PERFORMANCE	
Drive Duty Cycle	None
Top Speed	25 MPH
	45 MPH (ESC required)
Governed Speed	Based on application

REAR AXLE AND EQUIPMENT	
Axle model	Meritor RS-23 186 (single reduction)
	Meritor RS30-380
Rear axle ratio	7.17:1 (RS24-160)
	10.62:1 (RS30-380)
Rear suspension	Solid
ABS	4S4M w/o traction control
	4S4M w/traction control and ESC (required for speeds over 33mph)
Collision Avoidance System	None ADAS
Brakes	16.5 x 7 s-cam
Brake drums	Cast iron
Stack adjusters	Meritor automatic slack adjusters
	Haldex slacks
Rear hubs	Iron hub piloted
Gear lubricant	Synthetic



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