



WE INNOVATE EVERY DAY.

e-one.com

HP 100 PLATFORM



SPECIFICATIONS

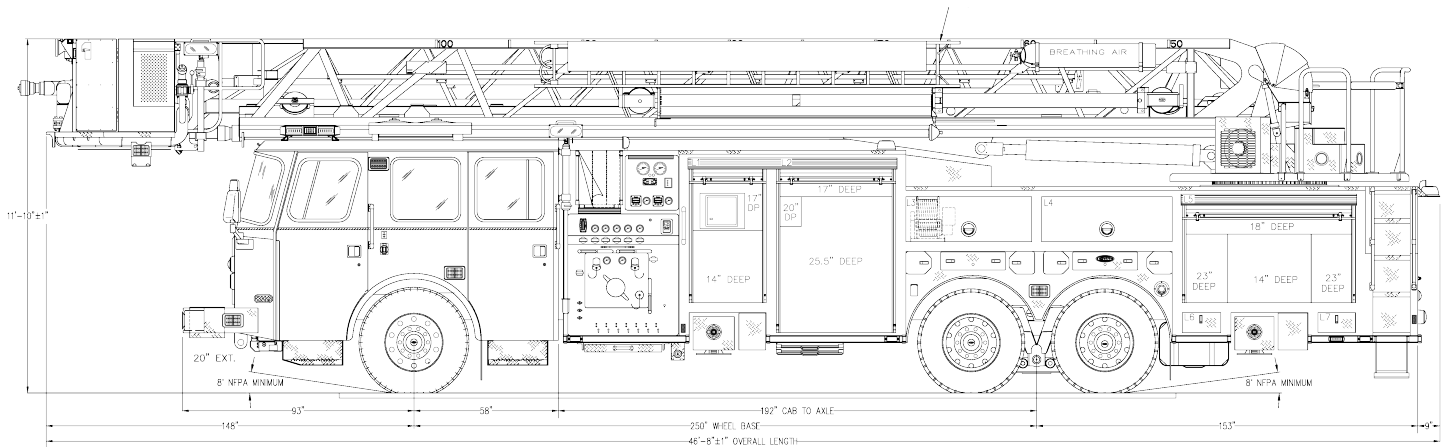
AERIAL INNOVATION. FIREFIGHTING TOUGHNESS.

The innovative E-ONE HP 100 Platform is the apparatus your fleet needs to transport people and equipment to the scene, setup quickly in tight spaces, and handle both rescue and firefighting duties with ease.

The HP 100 Platform features crisscross, under-slung outriggers with a narrow 15'6" spread that deploy in less than 45 seconds, provide additional compartment space and require less room to set up than "H" style jacks. The three-section aluminum aerial provides a 100' vertical reach and 91'6" horizontal reach while offering a 2.5 to 1 structural safety factor - exceeding the minimum NFPA requirements of 2 to 1. A standard single monitor or optional dual monitors with up to 2000 GPM flow, combined with a 300-500 gallon water tank, plenty of full depth compartments and up to 182' of enclosed ground ladder storage makes the E-ONE 100 Platform an invaluable resource at a fire scene.

OUR VEHICLES CONNECT AND PROTECT
PEOPLE AROUND THE WORLD EVERY DAY.
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CHASSIS

- Quest® or Cyclone® II cab
- Medium, long and extended length 4-door cabs available
- Optional split-raised roof
- Integral torque box chassis
- 250"-260" wheelbase
- 500-600 HP Engine
- Standard safety features such as roll cage cab, CrewGuard, ABS brakes & G4 (electronic stability control)
- Optional airbags

AERIAL

- 100' welded extruded aluminum platform with 2.5 to 1 structural safety factor
- Platform rated at 1,305 lb dry (1000 lbs firefighters & 305 lbs equipment); 805 lb wet (500 lbs firefighters & 305 equipment)
- Crisscross under-slung jack spread of only 15'6"
- Angled platform corners with perimeter step
- Body protection and variable speed control standard
- 11'10"+/- overall height
- 2" lower overall height available with CII aerial cab
- Aerial Information System (AIS) standard
- Options include single or dual monitors, 2.5" valves, hose boxes, breathing air, parapet ladder, tie-off package, stokes receiver, and LED scene lighting

BODY

- Body available in extruded aluminum or stainless steel
- Rear side staircase for easy turntable access
- Sidestacker body or "truck company" style with no tank or pump
- Up to 182' of ground ladder storage with 300 gallon tank and pump

FIRE PACKAGE

- Hale® or Waterous® pumps up to 2000 GPM
- 300-500 gallon water tank
- Stainless steel discharge manifold
- Optional direct injection foam systems
- Customizable discharges and preconnects to meet departments needs

ELECTRICAL

- Multiplex electrical system with optional color display provides increased feature capability and improved diagnostics
- Optical and audible warning packages available from Whelen®, Federal Signal and others to meet department requirements.
- Options include LED scene lights, LED ladder climbing lights and 6-20 kW hydraulic generators



Tower



TOWER
S/O 141927

SAE Turning Radius Calculations for Quote No. 86904				
Wheelbase:	250"	Front Bumper Size:	10"	
Body Width:	100"	Front Bumper Extension:	24"	
Front Axle Kingpin Center:	68.83"	Front Wheel Type:	ALUMINUM	
Front Axle Track:	81.57"	Rear Wheel Type:	ALUMINUM	
Front Axle Tire Width:	16.6"	Tire Brand:	MICHELIN	
Dimension Over Rear Tires:	98.59"			
Body Front Overhang:	96"			
Inside Cramp Angle	S. A. E. Turning Radius	Tire Curb Clearance	Bumper Swing Clearance	Minimum Inside Radius
35	41.7'	42.4'	46.7'	28.5'
36	40.8'	41.4'	45.9'	27.4'
37	39.9'	40.6'	45.1'	26.4'
38	39.1'	39.7'	44.4'	25.4'
39	38.3'	39'	43.6'	24.5'
40	37.5'	38.2'	43'	23.6'
41	36.8'	37.5'	42.3'	22.7'
42	36.1'	36.8'	41.7'	21.9'
43	35.5'	36.2'	41.2'	21.1'
44	34.9'	35.6'	40.6'	20.3'
45	34.3'	35'	40.1'	19.6'
46	33.7'	34.4'	39.6'	18.9'
47	33.2'	33.9'	39.1'	18.2'
48	32.7'	33.4'	38.7'	17.5'
49	32.2'	32.9'	38.3'	16.9'
50	31.7'	32.4'	37.8'	16.2'
Nominal Cramp Angles:				
Meritor FL941 & FL943 axles: up to and including 425/65R22.5 tires			45 degrees	✓
Meritor FL941 & FL943 axles: 445/65R22.5 tires			38 degrees	
Dana I220W axle: up to and including 445/65R22.5 tires			42 degrees	
Reyco IFS: up to and including 385/65R22.5 tires			48 degrees	
Reyco IFS: 425/65R22.5 tires			45 degrees	
Reyco IFS: 445/65R22.5 tires without front intake			42 degrees	
Meritor Front Drive Axle: up to and including 425/65R22.5 tires			37 degrees	
Marmon Herrington Front Drive Axle: up to and including 425/65R22.5 tires			42 degrees	
This Turning Radius report reflects how the quote was configured. Any succeeding changes may slightly alter the turning radius of the vehicle and the data in this report.				