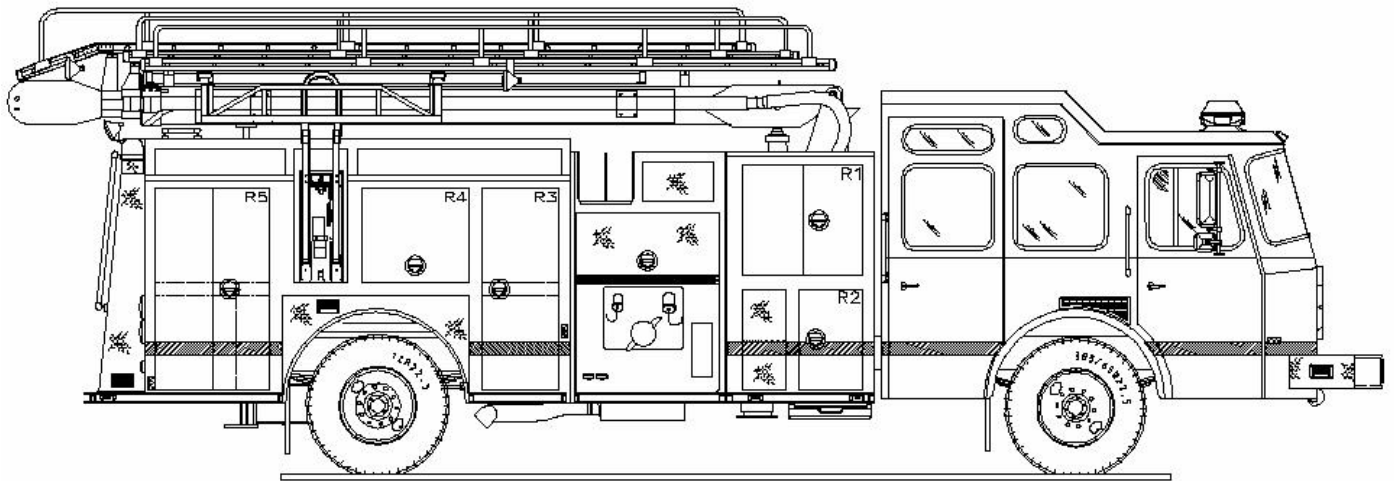




# 50' Teleboom

## Typhoon Cab/Chassis

1250 GPM Pump ~ 750 Gallon Water Tank  
All-Aluminum Body Construction



### Chassis: *Emergency-One TYPHOON*

Wheelbase: 210"  
GVWR: 45,700 lbs.  
Front Axle: 18,700 lbs. with 45° steering cramp angle.  
Rear Axle: 27,000 lbs.  
Engine: Cummins ISC-350 with Jacobs *Extarder* brake  
Transmission: Allison EVS3000, 5-speed automatic transmission  
Alternator: 320amp Leece-Neville  
Front Tires: 385/65R 22.5  
Rear Tires: 12R22.5  
Aluminum disc wheels  
Four heavy duty 12-volt Group 31, 1000CCA batteries  
Stainless steel extended front bumper  
Air brake system with ABS, automatic slack adjusters ~ Bendix AD-9 Air Dryer  
Two heavy-duty front and rear tow eyes  
Two air horns  
Front and rear mud flaps  
Fluid capacity and type plate

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## Cab:

Fire service specialized 4-door tilt cab with fully padded interior  
Fully enclosed all-welded 3/16" aluminum cab – exceeds ECE R-29 crashworthiness standard  
Aluminum extrusion cab structure and roll-cage system.  
*Tilt-Table* tested for accurate low center-of-gravity – excellent maneuverability  
Seating for Six (6) with 3-point seatbelts installed for crewmembers including (5) SCBA seats.  
Interior lighting includes four (4) step lights and four (4) individually switched dome lights.  
Heater, defroster and air conditioning  
Tinted windows  
*Ramco* mirrors - remote controlled with upper convex mirror.

## Body:

All-aluminum extruded modular body. Sidewall thickness is 3/16". Body structure securely fastened to steel chassis/torsion frame.  
All horizontal surfaces, rear steps, walkways and the rear body surface are constructed from aluminum fire apparatus quality tread brite.  
*Zico*™ overhead ladder rack equipped with 24' / 14' and 10' ladders.  
Bolt-on aluminum extrusion rub rail provided on each side of body and at rear.  
Staircase located at left body for aerial access.

## Equipment Compartments:

8-large equipment compartments for firefighting equipment as shown in drawing.  
*R-O-M*™ roll up doors all around.  
Over **140** cubic feet of total usable storage space with pan doors (roll-up doors available).  
All compartment floors are 3/16" thick aluminum treadplate.  
4-SCBA bottle storage tubes in wheel wells  
Hosebed for up to 800' x 5" LDH hose

## Plumbing:

*Hale* model QMAX pump rated @ 1500 gpm ~ **750** gallon Poly water tank  
Two (2) 1-3/4" crosslays with 2" full flow plumbing  
4" waterway discharge with Akron 1000 gpm Monitor  
Automatic relief valve installed in aerial waterway  
Two (2) 2.5" left side discharges and chrome elbows  
One (1) 2.5" right side discharge and chrome elbow  
One (1) 4" (full-flow 4" valve) right side discharge  
One (1) 2.5" left side suction intake  
One (1) 4" right side waterway inlet

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## Lighting and Warning Equipment:

All lighting and warning equipment is NFPA 1901 compliant  
Battery charging and Load Management systems  
Combination turn signal and red flashing warning light on front of cab.  
Federal Signal PA-300 Siren and 100 watt Dynamax speaker  
Federal Signal 25-RQL lightbar cab front light bar  
Two Federal Signal *Sentry* rear rotating lights with red/amber domes  
Federal Signal strobe and halogen lower level warning light system.  
Two 12-volt deck lights at the rear  
Each body compartment light wired to dash mounted door ajar light.  
All NFPA and DOT required step, door, compartment, and body lighting, vehicle lights, etc.  
Halogen back up lights

## 50' Boom and Ladder:

All-aluminum aerial and upper ladder with 50' vertical NFPA reach; designed with a 2.5-to-1 structural safety factor.  
Akron monitor and nozzle offers 3-way operations; vertical and side sweep, with fog pattern nozzle. Flowminder included to monitor water capacities.  
400# Tip Load capacity; 250# man-power and 150# equipment allowance.  
Stability safety factor of 1.5-to-1 (includes when on up to 5° grades)  
Boom operator's panel located on the left side next to the pump panel area for simplified / easy one man operation if needed. Includes jacking controls, 3-aerial functions and monitor controls (rung alignment indicator provided)  
Two jack warning lights indicating deployment status of "A-frame" jacks.  
Auxiliary hydraulic pump powered by the 12-volt battery system.  
12V floodlights located at the base and tip

## Stabilizing System

Hydraulic system runs both jacking system and Tele-Boom operations  
One (1) set of underslung "A-frame" style stabilizers with a jack spread of only **9' - 10"**. Control switches located on the master panel at the left pump panel area.  
Jack extension indicator light in cab and jack deployment alarm included.  
One 12-volt deck light per jack leg to illuminate area where jacks are set.

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## Finish:

Chassis and frame rails painted black.

Exterior finish acrylic urethane high gloss enamel in 2-Tone (white-over-red) pattern

Reflective striping on jack legs

Straight 4" white reflective stripe on body and cab.

## Delivery, Training & Technical Documentation:

Delivery to local *Emergency One* dealer included

Dimensions: 11'-8" *high* x 8' *wide* x 34' – 5" *long*

General video tape, describes typical operations and maintenance of the apparatus.

CD-ROM chassis, parts & service "manuals" with maintenance and troubleshooting notes along with full operation instructions. Three days of training will be conducted at the department by a qualified *Emergency One* aerial training engineer.

Wiring and air schematics also included.

## Warranties:

Lifetime E-One poly water tank - Lifetime frame warranty - 20-year aerial structural warranty

10-year cab and body structural warranty - 10-year stainless steel plumbing warranty

10 year paint warranty - Lifetime corrosion perforation warranty - 1-year basic vehicle warranty

