

Unit Identifier

Shop or maintenance number
Year / Make / Model
Size of Pump/Ladder/Tank
Manufacture Job Number

Dimensions:

Height:
Length:
Wheelbase:
Width: (mirror to mirror)

GVWR:

Front Axle:

Rear axles:

Need to scale the unit for the numbers below

Loaded weight:

Front:

Rear:

Chassis Components:

Engine:

Transmission:

Aux Brake:

Top vehicle speed:

Suspension: Front:

Rear:

Differential lock:

Inter Axle Lock:

Fuel tank:

Def tank:

Generator:

Normal Operating Parameters:

Engine temp:

Voltage:

Oil pressure:

Transmission temp:

Tire Pressures:

Pump Components:

Pump: Hale

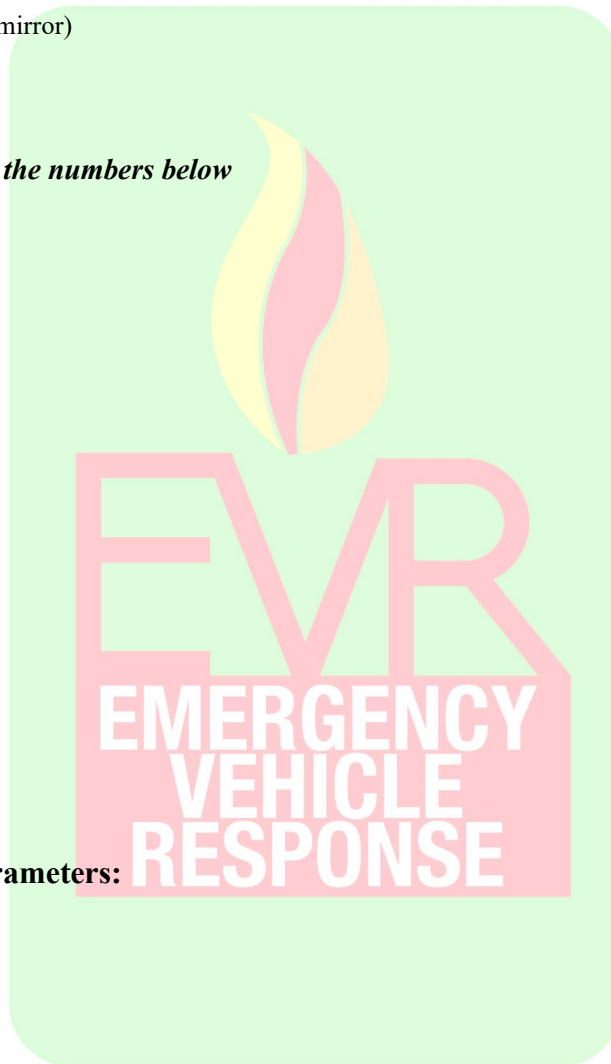
Water Tank:

Tank to Pump: plumbing

Tank fill: plumbing

Pump Shift:

Intake Relief:



Unit Identifier

Primer:

Aerial Components:

Safety Factor:

tip load dry / tip load wet

wind rating / Ice rating

Waterway: inlet to piping. Max flow

Rear inlet: Relief valve

Aerial operating degree:

Vertical reach: (Measured from tip of basket to the ground at maximum elevation and extension)

Horizontal reach:

0 degrees –

45degrees –

75 degrees –

Front Axle Interlock:

Operational Footprint

Jack Spread:

Short Jacked:

One boom section:

Tip to ground:

Jacks penetration:

Front: 36”

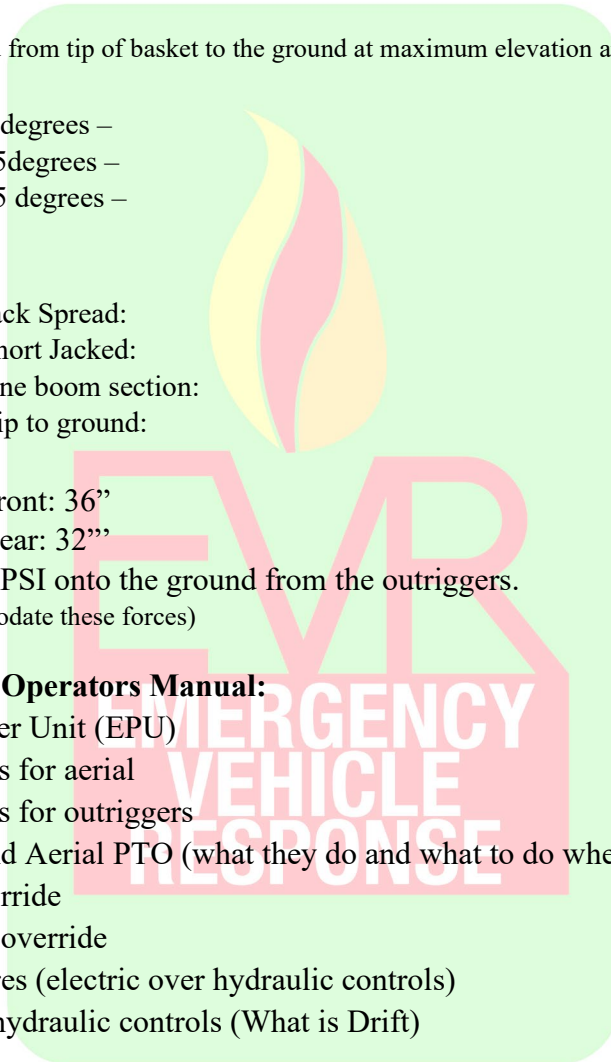
Rear: 32”

Ground pads will exert PSI onto the ground from the outriggers.

(Ensure ground can accommodate these forces)


Things to Know From Operators Manual:

- Emergency Power Unit (EPU)
- Override controls for aerial
- Override controls for outriggers
- Aerial Master and Aerial PTO (what they do and what to do when they fail)
- Bucket level override
- Emergency stop override
- Auto slow features (electric over hydraulic controls)
- Electronic over hydraulic controls (What is Drift)



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Load Charts: Examples below of both load charts. One is under normal conditions, the other with Ice buildup. The second one is usually not posted outside the operator's manual.



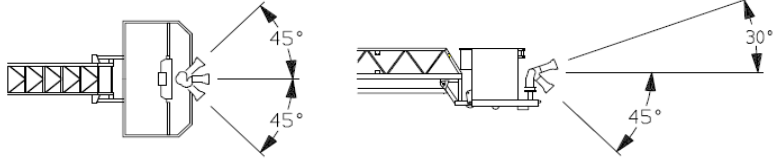
100 FOOT STEEL AERIAL PLATFORM LOAD CHART

WATERWAY DRY 50 MPH Wind Condition				
	Aerial Elevation			
	-5° to 29°	30° to 39°	40° to 49°	50° to 75°
Basket	1000#	1000#	1000#	1000#
Fly	-	-	250#	500#
Mid	-	250#	500#	750#
Base	250#	500#	750#	1000#


WATERWAY CHARGED 50 MPH Wind Condition				
	Aerial Elevation			
	-5° to 29°	30° to 39°	40° to 49°	50° to 75°
Basket	500#	500#	500#	500#
Fly	-	-	250#	500#
Mid	-	250#	500#	500#
Base	-	500#	500#	750#

Reduced loads in the basket can be redistributed in 250# increments to the fly section, mid section or base section as needed.

MONITOR NOZZLE POSITIONS

0 to 1500 GPM Flow Rate	Unlimited monitor nozzle positions
1501 to 2000 GPM Flow Rate	

Capacities are based on the following conditions:
 * Apparatus is set up according to the operator's manual and leveled to within safe operating limits.
 * The ladder is fully extended and unsupported, 360° continuous rotation.
 * For icing conditions, refer to the operator's manual.



100 FOOT STEEL AERIAL PLATFORM LOAD CHART WITH 0.25 INCH ICE BUILD-UP

WATERWAY DRY 50 MPH Wind Condition				
	Aerial Elevation			
	-5° to 29°	30° to 39°	40° to 49°	50° to 75°
Basket	250#	750#	750#	750#
Fly	-	-	-	-
Mid	-	-	-	-
Base	-	-	-	-

WATERWAY CHARGED 50 MPH Wind Condition				
	Aerial Elevation			
	-5° to 29°	30° to 39°	40° to 49°	50° to 75°
Basket	0#	250#	500#	500#
Fly	-	-	-	-
Mid	-	-	-	-
Base	-	-	-	-

Reduced loads in the basket can be redistributed in 250# increments to the fly section, mid section or base section as needed.

MONITOR NOZZLE POSITIONS

0 to 1500 GPM Flow Rate	Unlimited monitor nozzle positions
1501 to 2000 GPM Flow Rate	