

2007 Pierce All-Steer Tower

100' Heavy Duty Steel Ladder

Load chart with the waterway dry, from 0 to 50 mph wind speed

<u>Degree of elevation</u>	<u>-5 to 29 degrees</u>	<u>30 to 39 degrees</u>	<u>40 to 49 degrees</u>	<u>50 to 75 degrees</u>
Platform	1000	1000	1000	1000
Fly	-	-	250	500
Mid	-	250	500	750
Base	250	500	750	1000

Load chart with the waterway charged, from 0 to 50 mph wind speed

<u>Degree of elevation</u>	<u>-5 to 29 degrees</u>	<u>30 to 39 degrees</u>	<u>40 to 49 degrees</u>	<u>50 to 75 degrees</u>
Platform	500	500	500	500
Fly	-	-	250	500
Mid	-	250	500	500
Base	-	500	500	750

Load chart with the waterway dry, from 0 to 50 mph wind speed and .25" ice buildup

Note: The following capabilities shall be based upon 360 degree rotation and aerial at full extension with .25" of ice buildup

<u>Degree of elevation</u>	<u>-5 to 29 degrees</u>	<u>30 to 39 degrees</u>	<u>40 to 49 degrees</u>	<u>50 to 75 degrees</u>
Platform	750	750	750	750
Fly	-	-	-	-
Mid	-	-	-	-
Base	-	-	-	-

Load chart with the waterway charged, from 0 to 50 mph wind speed and .25” ice buildup

<u>Degree of elevation</u>	<u>-5 to 29 degrees</u>	<u>30 to 39 degrees</u>	<u>40 to 49 degrees</u>	<u>50 to 75 degrees</u>
Platform	500	500	500	500
Fly	-	-	-	-
Mid	-	-	-	-
Base	-	-	-	-

Monitor Nozzle Positions

Degree of elevation	-5 to 75 degrees	} Horizontal and vertical unlimited positioning
Gallons per minute	0 to 1500	

Degree of elevation	-5 to 75 degrees	} Horizontal limited to 45 degrees off center
Gallons per minute	1500 to 2000	

- Reduced loads at the basket can be redistributed in 250 lb. increments to the fly, mid sections, or base as needed
- Rated:
 - Vertical height - 100'
 - Horizontal reach:
 - 0 degrees - 93'
 - 45 degrees – 66' 6"
 - 75 degrees – 25' 6"
- 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 degree rotation
- Waterway rated for 2000 gpm, current configuration is limited to 1000 gpm.
- Waterway relief valve discharges at 180 psi.