



# Tinley Park Fire Department Tower 48 Specification Sheet



### Dimensions:

Height: 12 ft. 6 in.  
 Length: 46 ft. 9 in.  
 Width: 9 ft.

### Estimated Axle Loads:

Front Axle: 36367 lbs.  
 Rear Axle: 40201 lbs.  
 Total: 76568 lbs.

### Calculated Turning Radii:

Inside Turn: 20ft. 7 in.  
 Curb to curb: 37 ft. 3 in.  
 Wall to wall: 42 ft. 9 in.  
 Angle of Repose 8 percent

### Parameters:

Inside Cramp Angle: 45 degrees  
 Additional Bumper Depth 26 in.  
 Front Overhang: 104 in.  
 Wheelbase 262.5 in.

- Outriggers fully extended are 18'6" plate to plate.
- Where ladder truck access is required, 20' is the minimum dedicated ladder truck access width.
- A width of 30' may be required where it is determined that additional apparatus or pedestrian access width could be necessary.