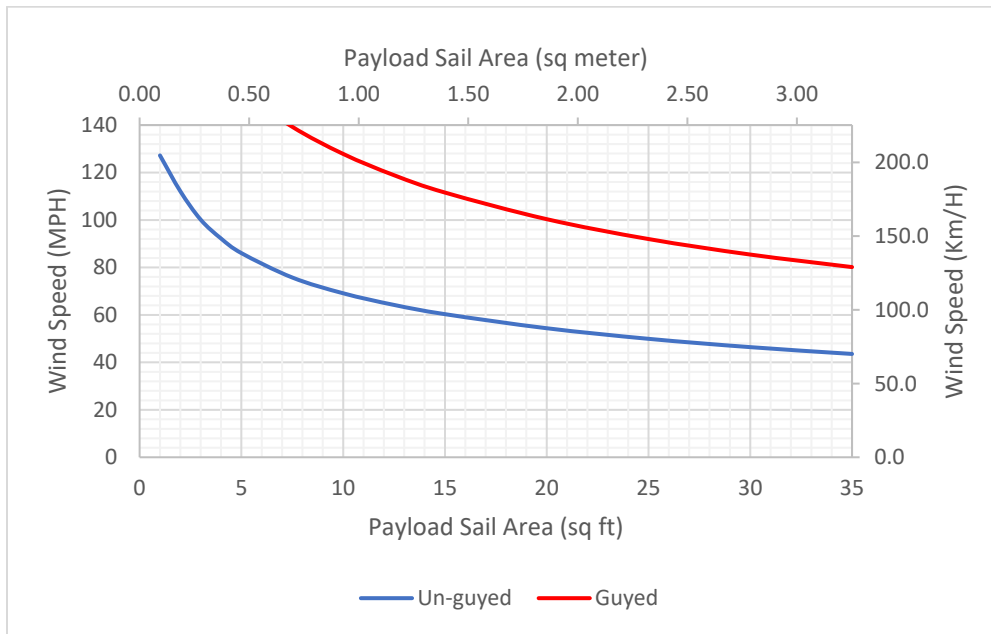


9-50 Super Heavy Duty Locking Pneumatic Mast

Survival Wind Speed Performance Curve



Mast

- 9-50 SHDL Pneumatic Mast
 - Nest Height = 9 ft 2 in [2.80 m]
 - Fully Extended Height = 50 ft 6 in [15.40 m]
 - No of Tubes = 8
 - Tube Set = 5.25" – 11.25"
 - Max Payload Capacity = 530 lbs. [240.4 kg]

Guying Kit

- WB P/N: 4021701
- 2-level, 4-way guying to platform and 6.00" collar
- 50ft [15.24 m] Guying Radius
- 3/16" steel guy lines
- (4) 6" Screw Anchors

Survival Wind Speed Assumptions

- Payload Weight = 530 lbs. [240.4 kg]
- Payload Coefficient of Drag = 1.3
- Payload centroid is on mast axis and 12" [304.8 mm] above top of mast
- Mast securely constrained at bottom of mast as well as approximately 5" [127 mm] below collar of base tube by WB supplied hardware or equivalent
- 0 degree mast base deployment angle
- All wind speeds measured at ground level
- Cabling is secured together and fixed to the mast
- Survival wind speed will be reduced for increasing payload centroid distance above top of mast
- This analysis does not include any evaluation of the stability of a trailer, the trailer, outriggers, and anchors are assumed fixed.

The mast performance values in this report represent a theoretical prediction of mast performance based on available payload details. Actual mast performance may vary.