

AL₃ Lift Series - Load Tables

15 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
15 Meter AL3 Lift System					
Primary Guying Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
75 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
15 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
75 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

14 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
14 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
85 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
14 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
85 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

AL₃ Lift Series - Load Tables

13 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
13 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
95 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
13 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
95 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

12 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
12 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
105 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
12 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
105 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

AL₃ Lift Series - Load Tables

11 Meter System - Specifications

Fully Operational		Survivable	Mast Failure	
11 Meter AL3 Lift System				
Primary Only				
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.				
115 lbs. Deployed				
Wind Speed (mph)			70	90
1 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
2 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
3 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
4 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			

Fully Operational		Survivable	Mast Failure	
11 Meter AL3 Lift System				
Primary and Secondary Guying				
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.				
115 lbs. Deployed				
Wind Speed (mph)			70	90
1 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
2 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
3 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
4 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			

10 Meter System - Specifications

Fully Operational		Survivable	Mast Failure	
10 Meter AL3 Lift System				
Primary Only				
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.				
125 lbs. Deployed				
Wind Speed (mph)			70	90
1 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
2 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
3 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
4 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			

Fully Operational		Survivable	Mast Failure	
10 Meter AL3 Lift System				
Primary and Secondary Guying				
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.				
125 lbs. Deployed				
Wind Speed (mph)			70	90
1 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
2 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
3 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			
4 Sq. Ft Panel	30 % Guy Distance			
	50 % Guy Distance			
	80 % Guy Distance			

AL₃ Lift Series - Load Tables

8 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
8 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
145 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
8 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
145 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

7 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
7 Meter AL3 Lift System					
Primary Only					
155 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
7 Meter AL3 Lift System					
Primary and Secondary Guying					
155 lbs. Deployed					
Wind Speed (mph)		70		90	
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

AL₃ Lift Series - Load Tables

6 Meter System - Specifications

Fully Operational	Survivable	Mast Failure	
6 Meter AL₃ Lift System			
Primary Only			
165 lbs. Deployed			
Wind Speed (mph)		70	90
1 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
2 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
3 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
4 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		

Fully Operational	Survivable	Mast Failure	
6 Meter AL₃ Lift System			
Primary and Secondary Guying			
165 lbs. Deployed			
Wind Speed (mph)		70	90
1 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
2 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
3 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
4 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		

5 Meter System - Specifications

Fully Operational	Survivable	Mast Failure	
5 Meter AL₃ Lift System			
Primary Only			
170 lbs. Deployed			
Wind Speed (mph)		70	90
1 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
2 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
3 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
4 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		

Fully Operational	Survivable	Mast Failure	
5 Meter AL₃ Lift System			
Primary and Secondary Guying			
170 lbs. Deployed			
Wind Speed (mph)		70	90
1 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
2 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
3 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		
4 Sq. Ft Panel	30 % Guy Distance		
	50 % Guy Distance		
	80 % Guy Distance		

AL₃ Lift Series - Load Tables

4 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
4 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
175 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
4 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
175 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

3 Meter System - Specifications

Fully Operational		Survivable		Mast Failure	
3 Meter AL3 Lift System					
Primary Only					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
180 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				

Fully Operational		Survivable		Mast Failure	
3 Meter AL3 Lift System					
Primary and Secondary Guying					
Assumes tripod and guys are properly secured, soil conditions can greatly affect holding capability of guy stakes.					
180 lbs. Deployed					
Wind Speed (mph)		70	90		
1 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
2 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
3 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				
4 Sq. Ft Panel	30 % Guy Distance				
	50 % Guy Distance				
	80 % Guy Distance				