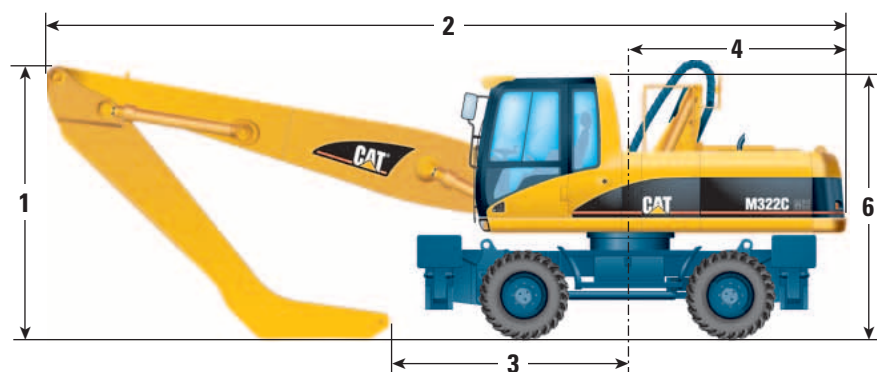


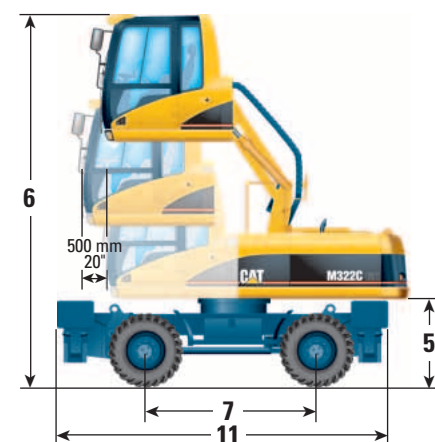
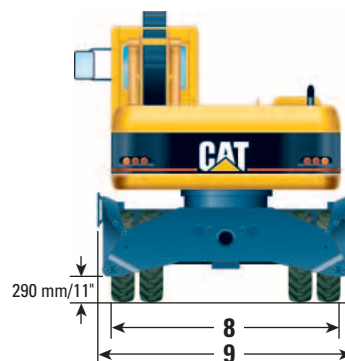
M322C MH Material Handler Wheel Excavator

Dimensions with MH Undercarriage

All dimensions are approximate.



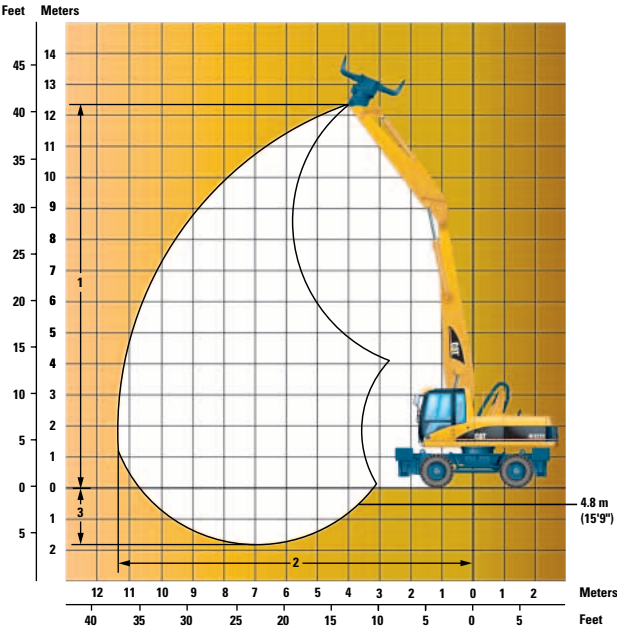
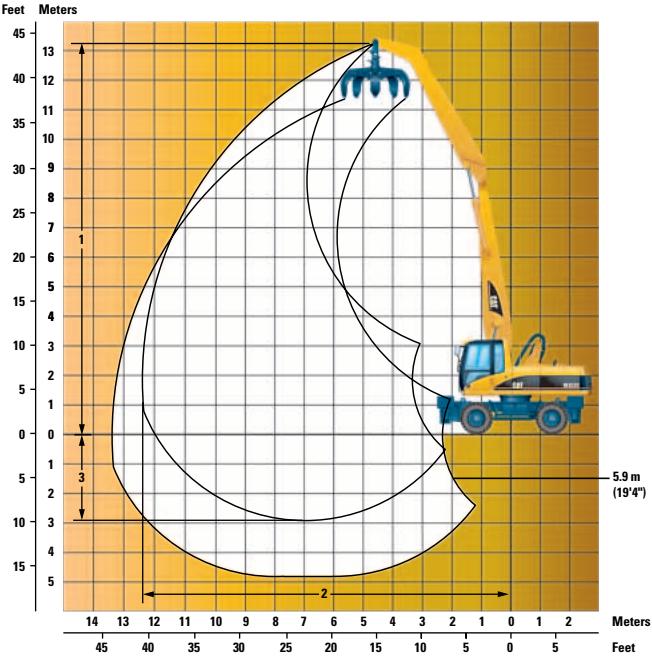
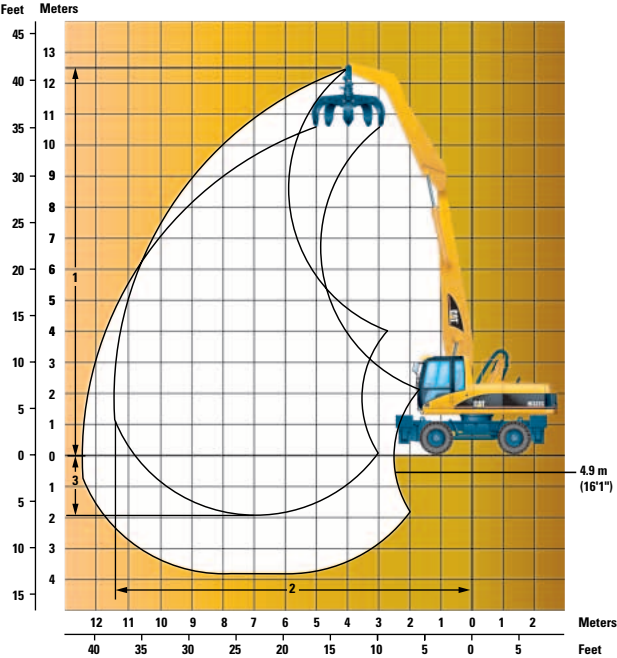
	mm	ft/in
1 Shipping height (front linkage)*		
4.9 m (16'1") drop nose stick	3490	11'5"
5.9 m (19'4") drop nose stick (removed)	3230	10'7"
5.9 m (19'4") drop nose stick (installed) (extended)	3590	11'9"
5.9 m (19'4") drop nose stick (installed) (curled under)	5100	16'9"
4.8 m (15'9") straight stick	3230	10'7"
2 Shipping length		
4.9 m (16'1") drop nose stick	9880	32'5"
5.9 m (19'4") drop nose stick (removed)	9930	32'7"
5.9 m (19'4") drop nose stick (installed) (extended)	15 055	49'5"
5.9 m (19'4") drop nose stick (installed) (curled under)	9375	30'9"
4.8 m (15'9") straight stick	9930	32'7"
3 Support point		
4.9 m (16'1") drop nose stick	3250	10'8"
5.9 m (19'4") drop nose stick (installed) (extended)	12 230	40'2"
4.8 m (15'9") straight stick	3080	10'2"
4 Tail swing radius	2820	9'3"
5 Counterweight clearance	1307	3'3"
6 Cab height		
Standard cab	3200	10'6"
with 1.2 m (3'11") fixed cab raiser (cab shell installed)	4430	14'6"
with 1.2 m (3'11") fixed cab riser (cab shell removed)	3580	11'9"
with hydraulic cab riser (lowered)	3230	10'7"
with hydraulic cab riser (raised)	5630	18'6"
7 Wheel base	2750	9'0"
8 Undercarriage width	2750	9'0"
9 Stabilizer width raised	2990	9'10"
10 Stabilizer width on ground	4360	14'4"
11 Undercarriage length	5250	17'3"
12 Flexible tray height (cab lowered)	3350	11'0"



* For machine shipping height, find maximum value, comparing front linkage height, cab height and flexible tray (hydraulic cab riser only) height.

M322C MH Material Handler Wheel Excavator

Working Ranges



Stick Length	4.9 m (16'1")	5.9 m (19'4")	4.8 m (15'9") straight
1 Maximum Reach Above Ground	12 500 mm (41')	13 300 mm (43'8")	12 430 mm (40'9")
2 Maximum Horizontal Reach	11 530 mm (37'10")	12 480 mm (40'11")	11 430 mm (37'6")
3 Maximum Reach Below Ground	1920 mm (6'4")	2920 mm (9'7")	1820 mm (6')

M322C MH Material Handler Wheel Excavator

Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") straight stick

Metric Units/all weights are in metric tons

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
10.5 m	All stabilizers up	t			6.6	5.0									
	All stabilizers down	t			*8.3	*8.3									
9.0 m	All stabilizers up	t			6.7	5.2		3.5							
	All stabilizers down	t			*8.4	*8.4	*7.2	7.1							
7.5 m	All stabilizers up	t			6.7	5.1	4.6	3.5	3.3	2.5			2.8	2.1	9.91 m
	All stabilizers down	t			*8.5	*8.5	*7.2	7.1	*6.2	5.2			*4.9	4.4	
6.0 m	All stabilizers up	t			6.5	5.0	4.5	3.4	3.3	2.5	2.5	1.8	2.4	1.8	10.64 m
	All stabilizers down	t			*8.8	*8.8	*7.4	7.0	*6.3	5.1	4.8	3.9	4.7	3.8	
4.5 m	All stabilizers up	t	9.9	7.3	6.2	4.7	4.3	3.3	3.2	2.4	2.5	1.8	2.2	1.6	11.12 m
	All stabilizers down	t	*12.0	*12.0	*9.3	*9.3	*7.6	6.8	6.2	5.0	4.8	3.9	4.4	3.5	
3.0 m	All stabilizers up	t	9.0	6.6	5.8	4.3	4.1	3.1	3.1	2.3	2.4	1.7	2.1	1.5	11.38 m
	All stabilizers down	t	*13.2	*13.2	*9.8	9.4	*7.7	6.6	6.1	4.9	4.8	3.8	4.2	3.4	
1.5 m	All stabilizers up	t	8.2	5.9	5.4	4.0	3.9	2.9	3.0	2.2	2.3	1.7			
	All stabilizers down	t	*13.5	*13.5	*9.9	9.0	*7.7	6.3	6.0	4.8	4.7	3.8			
Ground	All stabilizers up	t	7.7	5.4	5.1	3.7	3.7	2.7	2.9	2.1	2.3	1.6			
	All stabilizers down	t	*9.0	*9.0	*9.3	8.6	*7.2	6.1	*5.6	4.7	*4.2	3.7			
-1.5 m	All stabilizers up	t			5.0	3.5	3.6	2.6							
	All stabilizers down	t			*7.9	*7.9	*6.2	6.0							

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") straight stick

English Units/all weights are in lbs (multiply by 1,000)

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft				
35.0 ft	All stabilizers up	lb			14.5	11.0									
	All stabilizers down	lb			*18.2	*18.2									
30.0 ft	All stabilizers up	lb			14.7	11.4	10.1	7.7							
	All stabilizers down	lb			*18.5	*18.5	*15.8	15.6							
25.0 ft	All stabilizers up	lb			14.7	11.2	10.1	7.7	7.2	5.5			6.1	4.6	32'6"
	All stabilizers down	lb			*18.7	*18.7	*15.8	15.6	*13.6	11.4			*10.8	9.7	
20.0 ft	All stabilizers up	lb			14.3	11.0	9.9	7.4	7.2	5.5	3.9		5.2	3.9	34'10"
	All stabilizers down	lb			*19.4	*19.4	*16.3	15.4	*13.8	11.2	10.5	8.5	10.3	8.3	
15.0 ft	All stabilizers up	lb	21.8	16.0	13.6	10.3	9.4	7.2	7.0	5.2	5.5	3.9	4.8	3.5	36'5"
	All stabilizers down	lb	*26.4	*26.4	*20.5	*20.5	*16.7	14.9	13.6	11.0	10.5	8.5	9.7	7.7	
10.0 ft	All stabilizers up	lb	19.8	14.5	12.7	9.4	9.0	6.8	6.8	5.0	5.2	3.7	4.6	3.3	37'4"
	All stabilizers down	lb	*29.1	*29.1	*21.6	20.7	*16.9	14.5	13.4	10.8	10.5	8.3	9.2	7.4	
5.0 ft	All stabilizers up	lb	18.0	13.0	11.9	8.8	8.5	6.3	6.6	4.8	5.0	3.7			
	All stabilizers down	lb	*29.7	*29.7	*21.8	19.8	*16.9	13.8	13.2	10.5	10.3	8.3			
Ground	All stabilizers up	lb	16.9	11.9	11.2	8.1	8.1	5.9	6.3	4.6	5.0	3.5			
	All stabilizers down	lb	*19.8	*19.8	*20.5	18.9	*15.8	13.4	*12.3	10.3	*9.2	8.1			
-5.0 ft	All stabilizers up	lb			11.0	7.7	7.9	5.7							
	All stabilizers down	lb			*17.4	*17.4	*13.6	13.2							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on ISO 10567 Standards. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all tools and lifting accessories must be deducted from the above lifting capacities.

M322C MH Material Handler Wheel Excavator

Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1")

Metric Units/all weights are in metric tons

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
															
10.5 m	All stabilizers up	t			6.8	5.3	4.7	3.6							
	All stabilizers down	t			*8.5	*8.5	*5.9	*5.9							
9.0 m	All stabilizers up	t			6.9	5.4	4.9	3.8							
	All stabilizers down	t			*8.6	*8.6	*7.5	7.3							
7.5 m	All stabilizers up	t			6.9	5.4	4.8	3.8	3.6	2.8			3.0	2.3	10.02 m
	All stabilizers down	t			*8.7	*8.7	*7.5	7.3	*6.5	5.4			*5.1	4.5	
6.0 m	All stabilizers up	t			6.7	5.2	4.8	3.7	3.6	2.7	2.7	2.1	2.6	2.0	10.74 m
	All stabilizers down	t			*9.0	*9.0	*7.6	7.2	*6.5	5.4	5.1	4.2	4.9	4.0	
4.5 m	All stabilizers up	t	10.1	7.6	6.5	4.9	4.6	3.5	3.5	2.7	2.7	2.0	2.4	1.8	11.22 m
	All stabilizers down	t	*12.2	*12.2	*9.5	*9.5	*7.8	7.1	6.5	5.3	5.1	4.2	4.6	3.7	
3.0 m	All stabilizers up	t	9.4	6.9	6.1	4.6	4.4	3.3	3.4	2.5	2.7	2.0	2.3	1.7	11.47 m
	All stabilizers down	t	*13.5	*13.5	*10.0	9.7	*8.0	6.8	6.3	5.2	5.0	4.1	4.4	3.6	
1.5 m	All stabilizers up	t	8.6	6.2	5.7	4.3	4.2	3.1	3.2	2.4	2.6	1.9			
	All stabilizers down	t	*13.9	*13.9	*10.2	9.3	*8.0	6.6	6.2	5.1	4.9	4.0			
Ground	All stabilizers up	t	8.1	5.8	5.5	4.0	4.0	3.0	3.2	2.3	2.6	1.9			
	All stabilizers down	t	*9.5	*9.5	*9.7	9.0	*7.6	6.4	*6.0	5.0	*4.6	4.0			
-1.5 m	All stabilizers up	t			5.3	3.9	3.9	2.9							
	All stabilizers down	t			*8.4	*8.4	*6.6	6.3							

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1")

English Units/all weights are in lbs (multiply by 1,000)

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft				
															
35.0 ft	All stabilizers up	lb			14.9	11.6	10.3	7.9							
	All stabilizers down	lb			*18.7	*18.7	*13.0	*13.0							
30.0 ft	All stabilizers up	lb			15.2	11.9	10.8	8.3							
	All stabilizers down	lb			*18.9	*18.9	*16.5	16.0							
25.0 ft	All stabilizers up	lb			15.2	11.9	10.5	8.3	7.9	6.1			6.6	5.0	32'10"
	All stabilizers down	lb			*19.1	*19.1	*16.5	16.0	*14.3	11.9			*11.2	9.9	
20.0 ft	All stabilizers up	lb			14.7	11.4	10.5	8.1	7.9	5.9	5.9	4.6	5.7	4.4	35'2"
	All stabilizers down	lb			*19.8	*19.8	*16.7	15.8	*14.3	11.9	11.2	9.2	10.8	8.8	
15.0 ft	All stabilizers up	lb	22.2	16.7	14.3	10.8	10.1	7.7	7.7	5.9	5.9	4.4	5.2	3.9	36'9"
	All stabilizers down	lb	*26.8	*26.8	*20.9	*20.9	*17.1	15.6	14.3	11.6	11.2	9.2	10.1	8.1	
10.0 ft	All stabilizers up	lb	20.7	15.2	13.4	10.1	9.7	7.2	7.4	5.5	5.9	4.4	5.0	3.7	37'7"
	All stabilizers down	lb	*29.7	*29.7	*22.0	21.3	*17.6	14.9	13.8	11.4	11.0	9.0	9.7	7.9	
5.0 ft	All stabilizers up	lb	18.9	13.6	12.5	9.4	9.2	6.8	7.0	5.2	5.7	4.1			
	All stabilizers down	lb	*30.6	*30.6	*22.4	20.5	*17.6	14.5	13.6	11.2	10.8	8.8			
Ground	All stabilizers up	lb	17.8	12.7	12.1	8.8	8.8	6.6	7.0	5.0	5.7	4.1			
	All stabilizers down	lb	*20.9	*20.9	*21.3	19.8	*16.7	14.1	*13.2	11.0	*10.1	8.8			
-5.0 ft	All stabilizers up	lb			11.6	8.5	8.5	6.3							
	All stabilizers down	lb			*18.5	*18.5	*14.5	13.8							

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on ISO 10567 Standards. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all tools and lifting accessories must be deducted from the above lifting capacities.

M322C MH Material Handler Wheel Excavator

Lift Capacities



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4")

Metric Units/all weights are in metric tons

	Undercarriage configuration		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m			
12.0 m	All stabilizers up	t					6.9	5.4										
	All stabilizers down	t					*6.9	*6.9										
10.5 m	All stabilizers up	t							5.0	3.9								
	All stabilizers down	t							*6.8	*6.8								
9.0 m	All stabilizers up	t							5.0	3.9	3.7	2.9						
	All stabilizers down	t							*7.0	*7.0	*6.2	5.6						
7.5 m	All stabilizers up	t							5.0	3.9	3.7	2.9	2.8	2.2			2.5	1.9
	All stabilizers down	t							*7.0	*7.0	*6.2	5.6	5.2	4.3			*4.1	3.9
6.0 m	All stabilizers up	t							4.9	3.8	3.7	2.8	2.8	2.1			2.3	1.7
	All stabilizers down	t							*7.2	*7.2	*6.3	5.5	5.2	4.3			*4.0	3.5
4.5 m	All stabilizers up	t					6.7	5.2	4.7	3.7	3.5	2.7	2.8	2.1	2.2	1.6	2.1	1.6
	All stabilizers down	t					*8.9	*8.9	*7.5	7.2	*6.4	5.4	5.1	4.2	4.1	3.4	*4.0	3.3
3.0 m	All stabilizers up	t			9.9	7.4	6.3	4.8	4.5	3.4	3.4	2.6	2.7	2.0	2.2	1.6	2.0	1.5
	All stabilizers down	t			*12.5	*12.5	*9.6	*9.6	*7.8	7.0	6.4	5.2	5.0	4.1	4.1	3.4	3.9	3.2
1.5 m	All stabilizers up	t			9.0	6.6	5.9	4.4	4.3	3.2	3.3	2.5	2.6	1.9	2.1	1.6		
	All stabilizers down	t			*13.6	*13.6	*10.0	9.5	*7.9	6.7	6.3	5.1	5.0	4.0	4.1	3.3		
Ground	All stabilizers up	t	*3.8	*3.8	8.3	5.9	5.5	4.1	4.1	3.0	3.1	2.3	2.5	1.9	2.1	1.5		
	All stabilizers down	t	*3.8	*3.8	*13.6	*13.6	*10.0	9.1	*7.8	6.5	6.1	5.0	4.9	4.0	*3.7	3.3		
1.5 m	All stabilizers up	t			7.9	5.6	5.3	3.8	3.9	2.9	3.0	2.2	2.5	1.8				
	All stabilizers down	t			*9.7	*9.7	*9.2	8.8	*7.2	6.3	*5.7	4.8	*4.4	3.9				

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4")

English Units/all weights are in lbs (multiply by 1,000)

	Undercarriage configuration		10.0 ft		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft		40.0 ft			
40.0 ft	All stabilizers up	lb					15.2	11.9										
	All stabilizers down	lb					*15.2	*15.2										
35.0 ft	All stabilizers up	lb							11.0	8.5								
	All stabilizers down	lb							*14.9	*14.9								
30.0 ft	All stabilizers up	lb							11.0	8.5	8.1	6.3						
	All stabilizers down	lb							*15.4	*15.4	*13.6	12.3						
25.0 ft	All stabilizers up	lb							11.0	8.5	8.1	6.3	6.1	4.8			5.5	4.1
	All stabilizers down	lb							*15.4	*15.4	*13.6	12.3	11.4	9.4			*9.0	8.5
20.0 ft	All stabilizers up	lb							10.8	8.3	8.1	6.1	6.1	4.6			5.0	3.7
	All stabilizers down	lb							*15.8	*15.8	*13.8	12.1	11.4	9.4			*8.8	7.7
15.0 ft	All stabilizers up	lb					14.7	11.4	10.3	8.1	7.7	5.9	6.1	4.6	4.4	3.5	4.6	3.5
	All stabilizers down	lb					*19.6	*19.6	*16.5	15.8	*14.1	11.9	11.2	9.2	9.0	7.4	*8.8	7.2
10.0 ft	All stabilizers up	lb			21.8	16.3	13.8	10.5	9.9	7.4	7.4	5.7	5.9	4.4	4.8	3.5	4.4	3.3
	All stabilizers down	lb			*27.5	*27.5	*21.1	*21.1	*17.1	15.4	14.1	11.4	11.0	9.0	9.0	7.4	8.5	7.0
5.0 ft	All stabilizers up	lb			19.8	14.5	13.0	9.7	9.4	7.0	7.2	5.5	5.7	4.1	4.6	3.5		
	All stabilizers down	lb			*29.9	*29.9	*22.0	20.9	*17.4	14.7	13.8	11.2	11.0	8.8	9.0	7.2		
Ground	All stabilizers up	lb	*8.3	*8.3	18.2	13.0	12.1	9.0	9.0	6.6	6.8	5.0	5.5	4.1	4.6	3.3		
	All stabilizers down	lb	*8.3	*8.3	*29.9	*29.9	*22.0	20.0	*17.1	14.3	13.4	11.0	10.8	8.8	*8.1	7.2		
-5.0 ft	All stabilizers up	lb			17.4	12.3	11.6	8.3	8.5	6.3	6.6	4.8	5.5	3.9				
	All stabilizers down	lb			*21.3	*21.3	*20.2	19.4	*15.8	13.8	*12.5	10.5	*9.7	8.5				

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