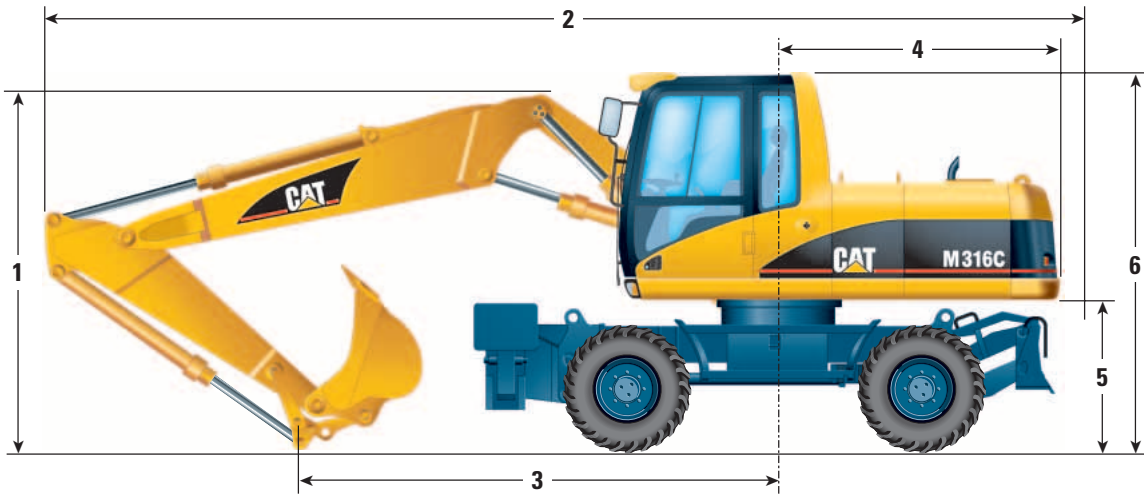


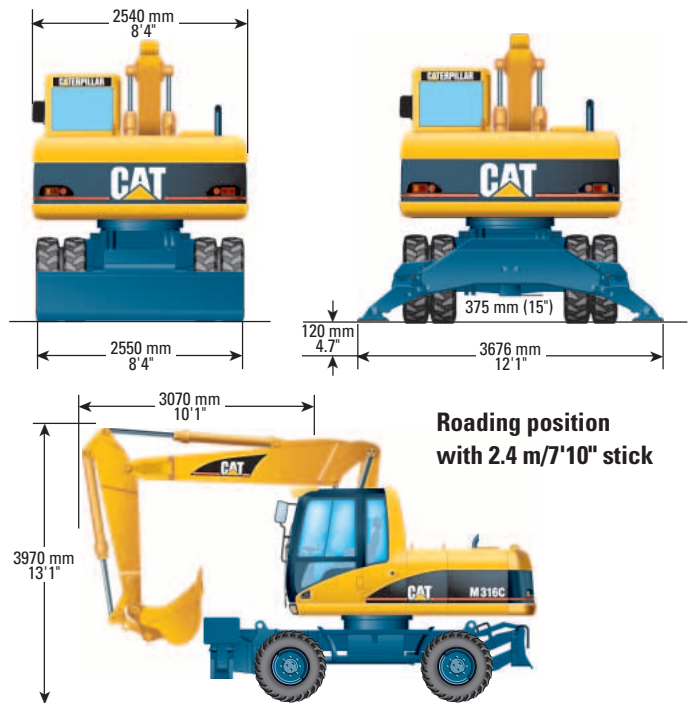
M316C Wheel Excavator

Dimensions

All dimensions are approximate.



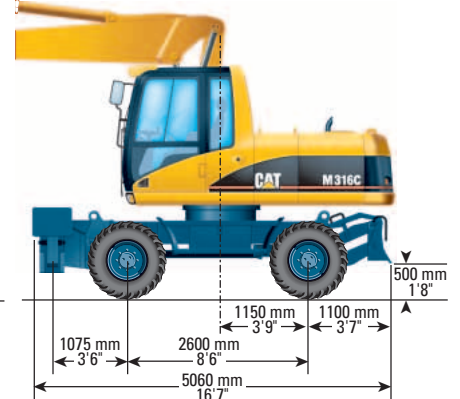
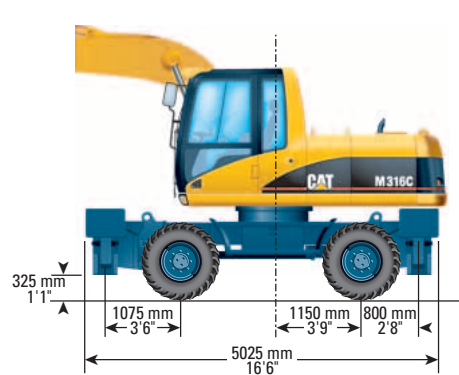
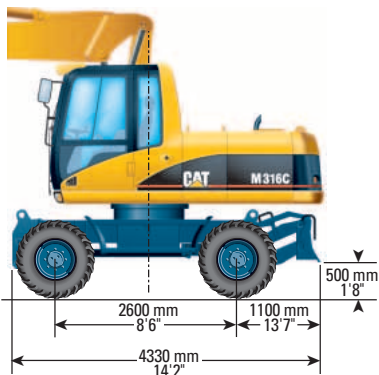
	VA boom		One-piece boom	
	mm	ft/in	mm	ft/in
1 Shipping height				
2.4 m/7'10" stick	cab height		cab height	
2.6 m/8'6" stick	cab height		cab height	
2 Shipping length				
2.4 m/7'10" stick	8550	28'1"	8400	27'7"
2.6 m/8'6" stick	8540	28'	8400	27'7"
3 Support point				
2.4 m/7'10" stick	3650	12'	3270	10'9"
2.6 m/8'6" stick	3550	11'8"	3150	10'4"
4 Tail swing radius	2290	7'6"	2290	7'6"
5 Counterweight clearance	1280	4'2"	1280	4'2"
6 Cab height	3170	10'5"	3170	10'5"



Undercarriage with dozer only

Undercarriage with 2 sets of outriggers

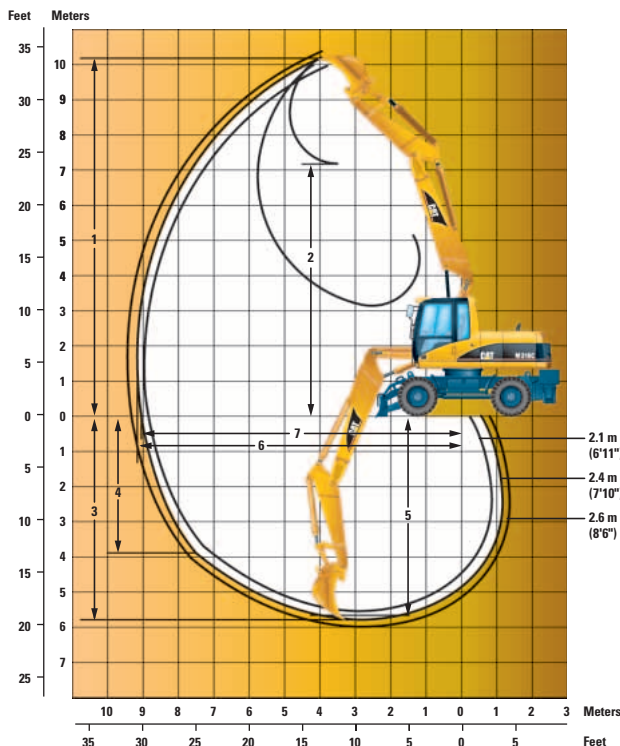
Undercarriage with 1 set of outriggers and dozer



M316C Wheel Excavator

VA Boom Working Ranges

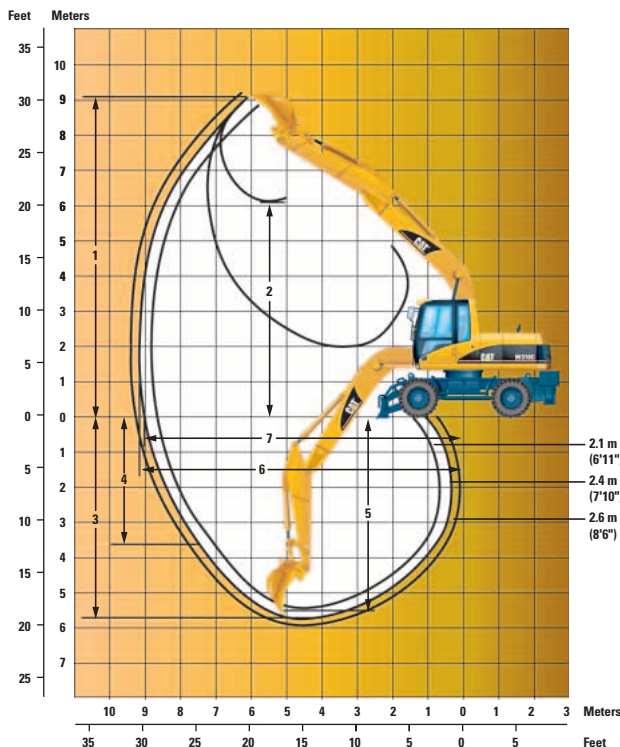
5.2 m (17'1") Variable adjustable boom, 1405 mm (55") tip radius bucket



Stick Length	2.1 m (6'11")	2.4 m (7'10")	2.6 m (8'6")
1 Maximum Digging Height	10 060 mm (33'0")	10 250 mm (33'8")	10 400 mm (34'1")
2 Maximum Dump Height	6970 mm (22'10")	7160 mm (23'6")	7320 mm (24'0")
3 Maximum Digging Depth	5570 mm (18'3")	5870 mm (19'3")	6070 mm (19'11")
4 Maximum Vertical Wall Digging Depth	3700 mm (12'2")	3900 mm (12'10")	4070 mm (13'4")
5 Maximum Depth 2.5 m (8'2") Straight Clean-up	5349 mm (17'7")	5667 mm (18'7")	5877 mm (19'3")
6 Maximum Reach	9100 mm (29'10")	9360 mm (30'9")	9560 mm (31'4")
7 Maximum Reach at Ground Level	8910 mm (29'3")	9190 mm (30'2")	9380 mm (30'9")
Bucket Forces (ISO 6015)	93 kN (20,900 lb)	93 kN (20,900 lb)	93 kN (20,900 lb)
Stick Forces (ISO 6015)	75 kN (16,860 lb)	69 kN (15,500 lb)	66 kN (14,830 lb)

One-piece Boom Working Ranges

5.05 m (16'7") One-piece boom, 1405 mm (55") tip radius bucket



















Stick Length	2.1 m (6'11")	2.4 m (7'10")	2.6 m (8'6")
1 Maximum Digging Height	9000 mm (29'6")	9090 mm (29'10")	9210 mm (30'3")
2 Maximum Dump Height	6020 mm (19'9")	6130 mm (20'1")	6250 mm (20'6")
3 Maximum Digging Depth	5370 mm (17'7")	5670 mm (18'7")	5870 mm (19'3")
4 Maximum Vertical Wall Digging Depth	3490 mm (11'5")	3630 mm (11'11")	3795 mm (12'5")
5 Maximum Depth 2.5 m (8'2") Straight Clean-up	5149 mm (16'11")	5467 mm (17'11")	6670 mm (21'11")
6 Maximum Reach	8900 mm (29'2")	9160 mm (30'1")	9350 mm (30'8")
7 Maximum Reach at Ground Level	8710 mm (28'7")	8970 mm (29'5")	9170 mm (30'1")
Bucket Forces (ISO 6015)	93 kN (20,900 lb)	93 kN (20,900 lb)	93 kN (20,900 lb)
Stick Forces (ISO 6015)	75 kN (16,860 lb)	69 kN (15,500 lb)	66 kN (14,830 lb)

M316C Wheel Excavator

Lift Capacities with VA boom – 5.2 m (17'1")

Metric Units/all weights are in metric tons


Stick 2.1 m (6'10")		Undercarriage configuration	3.0 m			4.5 m			6.0 m			7.5 m						
																		
6.0 m	Rear dozer up Rear dozer down Rear stab down 2 sets stab down Dozer and stab down	t				*5.1	5.0	4.5	2.7									
		t				*5.1	5.1		*4.8	3.1								
		t				*5.1	*5.1		*4.8	3.8								
		t				*5.1	*5.1	*4.8	*4.8	4.6								
	4.5 m	Rear dozer up	t	*6.3	*6.3	*6.1	4.4	4.5	2.8									
		Rear dozer down	t	*6.3	*6.3	*6.1	5.0		*5.1	3.2								
		Rear stab down	t		*6.3		5.9		*5.1	3.9								
		2 sets stab down	t	*6.3	*6.3	*6.1	*6.1	*5.1	*5.1	4.6								
		Dozer and stab down	t	*6.3	*6.3	*6.1	*6.1	*5.1		4.6								
	3.0 m	Rear dozer up	t	*8.2	7.6	*6.7	4.2	*4.4	2.8	3.0	1.8	*2.4	*2.4	*1.6	8.11 m			
		Rear dozer down	t	*8.2	*8.2	*7.2	4.8		*5.4	3.2	2.1		*2.4	*1.8				
		Rear stab down	t	*8.2	*8.2	*7.2	*5.8		*5.4	3.9	*4.2	2.5	*2.4	*2.3				
2 sets stab down		t	*8.2	*8.2	*7.2	*7.2	*5.4	5.4	*4.2	3.8	*2.4	*2.4	*2.4					
Dozer and stab down		t	*8.2	*8.2	*7.2	7.0	*5.4	*4.6	*4.2	3.1	*2.4	*2.4	*2.4					
1.5 m		Rear dozer up	t	*9.6	7.5	6.7	4.2	4.4	2.7	3.0	1.7	*2.5	1.5	8.21 m				
	Rear dozer down	t	*9.6	8.7	*7.9	4.8		*5.7	3.1	*4.5	2.0	*2.5	1.8					
	Rear stab down	t	*9.6	*9.6	*7.9	5.7		*5.7	3.8	4.2	2.5	*2.5	2.2					
	2 sets stab down	t	*9.6	*9.6	*7.9	*7.9	*5.7	*5.4	*4.5	3.7	*2.5	*2.5	*2.5					
	Dozer and stab down	t	*9.6	*9.6	*7.9	6.9	*5.7	4.6	*4.5	3.1	*2.5	*2.5	*2.5					
Ground	Rear dozer up	t	*11.8	7.3	6.7	4.0	4.3	2.6	2.9	1.7	*2.6	1.5	7.99 m					
	Rear dozer down	t	*11.8	8.6	*8.0	4.7		*5.8	3.0	*3.9	2.0	*2.6	1.8					
	Rear stab down	t	*11.8	10.8	*8.0	5.7		*5.8	3.6	*3.9	2.4	*2.6	2.3					
	2 sets stab down	t	*11.8	*11.8	*8.0	*8.0	*5.8	5.4	*3.9	3.7	*2.6	*2.6	*2.6					
	Dozer and stab down	t	*11.8	*11.8	*8.0	6.9	*5.8	4.5	*3.9	3.0	*2.6	*2.6	*2.6					
-1.5 m	Rear dozer up	t	13.1	7.0	6.7	3.9	4.1	2.4				3.0	1.7	7.42 m				
	Rear dozer down	t	*13.1	8.4	*8.2	4.5		*5.7	2.8			*3.0	2.0					
	Rear stab down	t	*13.1	10.7	*8.2	5.6		*5.7	3.5			*3.0	2.5					
	2 sets stab down	t	*13.1	*13.1	*8.2	*8.2	*5.7	5.2				*3.0	*3.0					
	Dozer and stab down	t	*13.1	*13.1	*8.2	7.0	*5.7	4.3				*3.0	*3.0					
-3.0 m	Rear dozer up	t	13.3	7.1	6.5	3.7												
	Rear dozer down	t	*13.3	8.4	*7.5	4.3												
	Rear stab down	t	*13.3	10.8	*7.5	5.4												
	2 sets stab down	t	*13.3	*13.3	*7.5	*7.5												
	Dozer and stab down	t	*13.3	*13.3	*7.5	6.7												

 Load Point Height

 Load Radius Over Front

 Load Radius Over Rear

 Load Radius Over Side

 Load at Maximum Reach

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.















• Contact your Caterpillar dealer representative, for Heavy Counter Weight lifting capabilities.


• Contact your Caterpillar dealer representative, for Offset Boom lifting capabilities.

M316C Wheel Excavator

Lift Capacities with VA boom – 5.2 m (17'1")

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


Stick 2.1 m (6'10")	Undercarriage configuration		10.0 ft			15.0 ft			20.0 ft			25.0 ft					
																	
			lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb	lb		
20.0 ft	Rear dozer up	lb				*11.2	11.0	9.9		5.9							
	Rear dozer down	lb				*11.2	11.2		*10.5	6.8							
	Rear stab down	lb				*11.2	*11.2		*10.5	8.3							
	2 sets stab down	lb				*11.2	*11.2	*10.5		*10.5	10.1						
	Dozer and stab down	lb				*11.2	*11.2	*10.5			10.5						
15.0 ft	Rear dozer up	lb	*13.8	*13.8	13.4	9.7	9.9		6.1								
	Rear dozer down	lb	*13.8	*13.8		*13.4	11.0		*11.2	7.0							
	Rear stab down	lb	*13.8	*13.8		*13.4	13.0		*11.2	8.5							
	2 sets stab down	lb	*13.8	*13.8	*13.4	*13.4	*11.2			*11.2	8.5						
	Dozer and stab down	lb	*13.8	*13.8	*13.4	*13.4	*11.2			*11.2	10.1						
10.0 ft	Rear dozer up	lb	*18.0	16.7	14.7	9.2	*9.7		6.1	6.6		3.9	*5.2		*3.5	26'7"	
	Rear dozer down	lb	*18.0	*18.0		*15.8	10.5		*11.9	7.0		4.6	*5.2		*3.9		
	Rear stab down	lb	*18.0	*18.0		*15.8	*12.7		*11.9	8.5		*9.2	*5.2		*5.0		
	2 sets stab down	lb	*18.0	*18.0	*15.8	*15.8	*11.9			11.9	*9.2	8.3	*5.2		*5.2		
	Dozer and stab down	lb	*18.0	*18.0	*15.8	15.4	*11.9			*10.1	*9.2	6.8	*5.2		*5.2		
5.0 ft	Rear dozer up	lb	*21.1	16.5	14.7	9.2	9.7		5.9	6.6		3.7	*5.5		3.3	26'11"	
	Rear dozer down	lb	*21.1	19.1		*17.4	10.5		*12.5	6.8		*9.9	4.4		*5.5	3.9	
	Rear stab down	lb	*21.1	*21.1		*17.4	12.5		*12.5	8.3		*9.2	5.5		*5.5	4.8	
	2 sets stab down	lb	*21.1	*21.1	*17.4	*17.4	*12.5			*11.9	*9.9	8.1	*5.5		*5.5	5.5	
	Dozer and stab down	lb	*21.1	*21.1	*17.4	15.2	*12.5			10.1	*9.9	6.8	*5.5		*5.5	5.5	
Ground	Rear dozer up	lb	*26.0	16.1	14.7	8.8	9.4		5.7	6.3		3.7	*5.7		3.3	26'2"	
	Rear dozer down	lb	*26.0	18.9		*17.6	10.3		*12.7	6.6		*8.5	4.4		*5.7	3.9	
	Rear stab down	lb	*26.0	23.8		*17.6	12.5		*12.7	7.9		*8.5	5.2		*5.7	5.0	
	2 sets stab down	lb	*26.0	*26.0	*17.6	*17.6	*12.7			11.9	*8.5	8.1	*5.7		*5.7	5.7	
	Dozer and stab down	lb	*26.0	*26.0	*17.6	15.2	*12.7			9.9	*8.5	6.6	*5.7		*5.7	5.7	
-5.0 ft	Rear dozer up	lb	*28.9	15.4	14.7	8.5	9.0		5.2				6.6		3.7	24'4"	
	Rear dozer down	lb	*28.8	18.5		*18.0	9.9		*12.5	6.1				*6.6	4.4		
	Rear stab down	lb	*28.8	23.5		*18.0	12.3		*12.5	7.7				*6.6	5.5		
	2 sets stab down	lb	*28.8	*28.8	*18.0	*18.0	*12.5			11.4				*6.6	*6.6		
	Dozer and stab down	lb	*28.8	*28.8	*18.0	15.4	*12.5			9.4				*6.6	*6.6		
-10.0 ft	Rear dozer up	lb	*29.3	15.6	14.3		8.1										
	Rear dozer down	lb	*29.3	18.5		*16.5	9.4										
	Rear stab down	lb	*29.3	23.8		*16.5	11.9										
	2 sets stab down	lb	*29.3	*29.3	*16.5												
	Dozer and stab down	lb	*29.3	*29.3	*16.5	14.7											

 Load Point Height

 Load Radius Over Front

 Load Radius Over Rear

 Load Radius Over Side

 Load at Maximum Reach

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.















• Contact your Caterpillar dealer representative, for Heavy Counter Weight lifting capabilities.

• Contact your Caterpillar dealer representative, for Offset Boom lifting capabilities.















M316C Wheel Excavator

Lift Capacities with VA boom – 5.2 m (17'1")


Metric Units/all weights are in metric tons


Stick 2.4 m (7'10")		Undercarriage configuration	Metric Units/all weights are in metric tons														
			3.0 m			4.5 m			6.0 m			7.5 m					
																	
6.0 m	Rear dozer up	t				*4.3			*4.3	*4.2			2.7				
	Rear dozer down	t							*4.3	*4.3			*4.2	3.1			
	Rear stab down	t							*4.3	*4.3			*4.2	3.7			
	2 sets stab down	t							*4.3	*4.2				*4.2			
	Dozer and stab down	t							*4.3	*4.2				*4.2			
4.5 m	Rear dozer up	t	*4.7		*4.7	*5.1			4.3	4.4			2.7	*2.6	1.6		
	Rear dozer down	t		*4.7	*4.7		*5.1	4.9			*4.7		3.1	*2.6	1.9		
	Rear stab down	t		*4.7	*4.7		*5.1	*5.1			*4.7		3.8	*2.6	2.4		
	2 sets stab down	t	*4.7		*4.7	*5.1			*4.7				*4.7	*2.6	*2.6		
	Dozer and stab down	t	*4.7		*4.7	*5.1			*4.7				4.5	*2.6	*2.6		
3.0 m	Rear dozer up	t	*8.7		7.6	6.7			4.1	4.3			2.7	2.9	1.7	*1.7	1.3
	Rear dozer down	t		*8.7	*8.7		*6.8	4.7			*5.1		3.1	*4.2	2.0	*1.7	1.6
	Rear stab down	t		*8.7	*8.7		*6.8	5.7			*5.1		3.7	4.1	2.4	*1.7	*1.7
	2 sets stab down	t	*8.7		*8.7	*6.8			*6.8	*5.1			*5.1	*4.2	3.7	*1.7	*1.7
	Dozer and stab down	t	*8.7		*8.7	*6.8			*6.8	*5.1			4.5	*4.2	3.0	*1.7	*1.7
1.5 m	Rear dozer up	t	*9.8		7.4	6.5			4.1	4.3			2.6	2.9	1.6	*1.7	1.2
	Rear dozer down	t		*9.8	8.5		*7.7	4.7			*5.5		3.0	*4.3	1.9	*1.7	1.4
	Rear stab down	t		*9.8	*9.8		*7.7	5.6			*5.5		3.7	4.1	2.4	*1.7	*1.7
	2 sets stab down	t	*9.8		*9.8	*7.7			*7.7	*5.5			5.2	*4.3	3.6	*1.7	*1.7
	Dozer and stab down	t	*9.8		*9.8	*7.7			6.7	*5.5			4.4	*4.3	3.0	*1.7	*1.7
Ground	Rear dozer up	t	*11.4		7.2	6.6			3.9	4.2			2.5	2.8	1.6	*1.8	1.2
	Rear dozer down	t		*11.4	8.5		*7.8	4.6			*5.6		2.9	*4.2	1.8	*1.8	1.4
	Rear stab down	t		*11.4	10.6		*7.8	5.7			*5.6		3.6	4.0	2.3	*1.8	*1.8
	2 sets stab down	t	*11.4		*11.4	*7.8			*7.8	*5.6			5.2	*4.2	3.6	*1.8	*1.8
	Dozer and stab down	t	*11.4		*11.4	*7.8			6.8	*5.6			4.4	*4.2	2.9	*1.8	*1.8
-1.5 m	Rear dozer up	t	*12.8		6.9	6.6			3.8	4.1			2.3			*2.0	1.3
	Rear dozer down	t		*12.8	8.2		*7.9	4.4			*5.7		2.7			*2.0	1.5
	Rear stab down	t		*12.8	10.6		*7.9	5.5			*5.7		3.4			*2.0	2.0
	2 sets stab down	t	*12.8		*12.8	*7.9			*7.9	*5.7			5.1			*2.0	*2.0
	Dozer and stab down	t	*12.8		*12.8	*7.9			6.9	*5.7			4.2			*2.0	*2.0
-3.0 m	Rear dozer up	t	*13.2		6.9	6.4			3.6	3.9			2.2			*2.4	1.5
	Rear dozer down	t		*13.2	8.2		*7.9	4.2			*4.1		2.6			*2.4	1.8
	Rear stab down	t		*13.2	10.6		*7.9	5.3			*4.1		3.3			*2.4	2.3
	2 sets stab down	t	*13.2		*13.2	*7.9			*7.9	*4.1			4.1			*2.4	*2.4
	Dozer and stab down	t	*13.2		*13.2	*7.9			6.7	*4.1			4.1			*2.4	*2.4


Stick 2.6 m (8'6")


Stick 2.6 m (8'6")		Undercarriage configuration	Metric Units/all weights are in metric tons														
			3.0 m			4.5 m			6.0 m			7.5 m					
																	
6.0 m	Rear dozer up	t				*3.9			*3.9	*4.0			2.7				
	Rear dozer down	t							*3.9	*3.9			*4.0	3.1			
	Rear stab down	t							*3.9	*3.9			*4.0	3.8			
	2 sets stab down	t							*3.9	*4.0			*4.0				
	Dozer and stab down	t							*3.9	*4.0			*4.0				
4.5 m	Rear dozer up	t				*4.5			4.3	4.4			2.8	2.9	1.7		
	Rear dozer down	t					*4.5		*4.5	*4.6			3.2	*3.2	2.0		
	Rear stab down	t					*4.5		*4.5	*4.6			3.8	*3.2	2.5		
	2 sets stab down	t					*4.5		*4.5	*4.6			4.6	*3.2	*3.2		
	Dozer and stab down	t					*4.5		*4.5	*4.6			4.5	*3.2	3.1		
3.0 m	Rear dozer up	t	*8.5		7.6	*6.7			4.2	4.3			2.7	3.0	1.7	*1.6	1.3
	Rear dozer down	t		*8.5	*8.5		*6.7	4.8			*5.1		3.1	*4.2	2.0	*1.6	1.5
	Rear stab down	t		*8.5	*8.5		*6.7	5.7			*5.1		3.7	4.1	2.5	*1.6	*1.6
	2 sets stab down	t	*8.5		*8.5	*6.7			*6.7	*5.1			*5.1	*4.2	3.7	*1.6	*1.6
	Dozer and stab down	t	*8.5		*8.5	*6.7			*6.7	*5.1			4.5	*4.2	3.1	*1.6	*1.6
1.5 m	Rear dozer up	t	*9.8		7.4	6.5			4.1	4.3			2.7	2.9	1.7	*1.6	1.2
	Rear dozer down	t		*9.8	8.6		*7.6	4.7			*5.5		3.1	*4.3	2.0	*1.6	1.4
	Rear stab down	t		*9.8	*9.8		*7.6	5.6			*5.5		3.7	4.1	2.4	*1.6	*1.6
	2 sets stab down	t	*9.8		*9.8	*7.6			*7.6	*5.5			5.2	*4.3	3.7	*1.6	*1.6
	Dozer and stab down	t	*9.8		*9.8	*7.6			6.8	*5.5			4.4	*4.3	3.0	*1.6	*1.6
Ground	Rear dozer up	t	*11.2		7.3	6.6			4.0	4.3			2.6	2.8	1.6	*1.7	1.2
	Rear dozer down	t		*11.2	8.6		*7.8	4.6			*5.6		3.0	*4.3	1.9	*1.7	1.4
	Rear stab down	t		*11.2	10.6		*7.8	5.6			*5.6		3.6	4.0	2.4	*1.7	*1.7
	2 sets stab down	t	*11.2		*11.2	*7.8			*7.8	*5.6			5.2	*4.3	3.6	*1.7	*1.7
	Dozer and stab down	t	*11.2		*11.2	*7.8			6.8	*5.6			4.4	*4.3	3.0	*1.7	*1.7
-1.5 m	Rear dozer up	t	*12.8		6.9	6.6			3.8	4.1			2.4	2.8	1.5	*1.9	1.2
	Rear dozer down	t		*12.8	8.3		*7.9	4.4			*5.7		2.8		1.8	*1.9	1.5
	Rear stab down	t		*12.8	10.6		*7.9	5.5			*5.7		3.4		2.3	*1.9	*1.9
	2 sets stab down	t	*12.8		*12.8	*7.9			*7.9	*5.7			5.2	*3.0	*3.0	*1.9	*1.9
	Dozer and stab down	t	*12.8		*12.8	*7.9			6.9	*5.7			4.3	*3.0	2.9	*1.9	*1.9
-3.0 m	Rear dozer up	t	*13.2		6.9	6.5			3.7	4.0			2.2			*2.2	1.5
	Rear dozer down	t		*13.2	8.2		*8.1	4.3			*4.7		2.6			*2.2	1.7
	Rear stab down	t		*13.2	10.6		*8.1	5.3			*4.7		3.3			*2.2	2.2
	2 sets stab down	t	*13.2		*13.2	*8.1			*8.1	*4.7			4.7			*2.2	*2.2
	Dozer and stab down	t	*13.2		*13.2	*8.1			6.7	*4.7			4.1			*2.2	*2.2
-4.5 m	Rear dozer up	t	*9.3		6.8												
	Rear dozer down	t		*9.3	8.2												
	Rear stab down	t		*9.3	*9.3												
	2 sets stab down	t	*9.3		*9.3												
	Dozer and stab down	t	*9.3		*9.3												

 Load Point Height

 Load Radius Over Front

 Load Radius Over Rear

 Load Radius Over Side
























 Load at Maximum Reach

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.
























M316C Wheel Excavator

Lift Capacities with one-piece boom – 5.05 m (16'7")


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


Stick 2.4 m (7'10")		Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft			25.0 ft						
																		
20.0 ft		Rear dozer up	lb							*8.5								
		Rear dozer down	lb								*8.5	5.7						
		Rear stab down	lb									6.6						
		2 sets stab down	lb									8.1						
		Dozer and stab down	lb								*8.5	*8.5						
15.0 ft		Rear dozer up	lb							9.4								
		Rear dozer down	lb								*10.1	6.6						
		Rear stab down	lb									7.9						
		2 sets stab down	lb								*10.1	*10.1						
		Dozer and stab down	lb								*10.1	9.9						
10.0 ft		Rear dozer up	lb				*14.3		8.5	9.2		5.5	6.3		3.5	*3.7	3.0	27'4"
		Rear dozer down	lb					*14.3	9.9		*11.0	6.1		*7.9	4.1	*3.7	3.7	
		Rear stab down	lb						*14.3	12.1		*11.0	7.7		*7.9	5.2	*3.7	*3.7
		2 sets stab down	lb						*14.3	*11.0		*11.0	*7.9		*7.9	*3.7	*3.7	
		Dozer and stab down	lb					*14.3	*14.3	*11.0		*11.0	*7.9		*7.9	*3.7	*3.7	
5.0 ft		Rear dozer up	lb				13.8		7.7	8.8		5.0	6.1		3.5	*3.7	2.8	28'3"
		Rear dozer down	lb					*16.7	9.0		*12.1	5.9		*9.7	4.1	*3.7	3.3	
		Rear stab down	lb						*16.7	11.4		*12.1	7.4		8.8	5.2	*3.7	*3.7
		2 sets stab down	lb					*16.7	*12.1			11.2	*9.7		*7.9	*3.7	*3.7	
		Dozer and stab down	lb					*16.7	14.3	*12.1		9.2	*9.7		6.3	*3.7	*3.7	
Ground		Rear dozer up	lb	*7.9			13.2		7.2	8.5		4.8	6.1		3.5	*4.1	2.8	28'
		Rear dozer down	lb		*7.9			*17.4	8.5		*12.5	5.7		*8.3	3.9	*4.1	3.3	
		Rear stab down	lb		*7.9			*17.4	11.0		*12.5	7.0		*8.3	5.0	*4.1	*4.1	
		2 sets stab down	lb	*7.9			*17.4	17.4	*12.5			11.0	*8.3		7.7	*4.1	*4.1	
		Dozer and stab down	lb	*7.9			*17.4	13.8	*12.5			9.0	*8.3		6.3	*4.1	*4.1	
-5.0 ft		Rear dozer up	lb	*15.6			13.2		7.2	8.5		4.8				*4.6	3.0	26'8"
		Rear dozer down	lb		*15.6			*16.3	8.5		*11.6	5.7					*4.6	3.5
		Rear stab down	lb					*16.3	10.8		*11.6	7.0					*4.6	4.6
		2 sets stab down	lb	*15.6			*16.3	*16.3	*11.6			10.8				*4.6	*4.6	
		Dozer and stab down	lb	*15.6			*16.3	13.6	*11.6			8.8				*4.6	*4.6	
-10.0 ft		Rear dozer up	lb	*18.0			*13.0		7.4	*8.3		4.8				*5.5	3.5	24'1"
		Rear dozer down	lb		*18.0			*13.0	8.8		*8.3	5.7					*5.5	4.1
		Rear stab down	lb		*18.0			*13.0	11.0		*8.3	7.2					*5.5	5.2
		2 sets stab down	lb	*18.0			*13.0	17.4	*8.3			*8.3				*5.5	*5.5	
		Dozer and stab down	lb	*18.0			*13.0	13.8	*8.3			9.0				*5.5	*5.5	

Stick 2.6 m (8'6")

Stick 2.6 m (8'6")		Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft			25.0 ft						
																		
20.0 ft		Rear dozer up	lb							*8.3								
		Rear dozer down	lb								*8.3	5.9						
		Rear stab down	lb									6.8						
		2 sets stab down	lb									8.1						
		Dozer and stab down	lb								*8.3	*8.3						
15.0 ft		Rear dozer up	lb							9.4								
		Rear dozer down	lb								*9.7	5.7	*4.8		3.7			
		Rear stab down	lb									6.6		*4.8	4.4			
		2 sets stab down	lb								*9.7	8.1		*4.8	*4.8			
		Dozer and stab down	lb								*9.7	*9.7	*4.8		*4.8	*4.8		
10.0 ft		Rear dozer up	lb				*14.1		8.5	9.2		5.5	6.3		3.7	*3.5	3.0	28'2"
		Rear dozer down	lb					*14.1	9.9		*11.0	6.3		*8.3	4.4	*3.5	*3.5	
		Rear stab down	lb						*14.1	12.3		*11.0	7.7		*8.3	5.2	*3.5	*3.5
		2 sets stab down	lb						*14.1	*11.0		*11.0	*8.3		8.1	*3.5	*3.5	
		Dozer and stab down	lb					*14.1	*14.1	*11.0		9.7	*8.3		6.6	*3.5	*3.5	
5.0 ft		Rear dozer up	lb				13.8		7.9	8.8		5.0	6.1		3.5	*3.5	2.8	28'11"
		Rear dozer down	lb					*16.5	9.2		*12.1	5.9		*9.4	4.1	*3.5	3.3	
		Rear stab down	lb					*16.5	11.4		*12.1	7.4		8.8	5.2	*3.5	*3.5	
		2 sets stab down	lb					*16.5	*12.1			11.2	*9.4		7.9	*3.5	*3.5	
		Dozer and stab down	lb					*16.5	14.5	*12.1		9.2	*9.4		6.6	*3.5	*3.5	
Ground		Rear dozer up	lb	*8.3			13.4		7.4	8.5		4.8	6.1		3.5	*3.7	2.6	28'8"
		Rear dozer down	lb		*8.3			*17.4	8.8		*12.5	5.7		*9.4	4.1	*3.7	3.3	
		Rear stab down	lb		*8.3			*17.4	11.0		*12.5	7.2		8.8	5.0	*3.7	*3.7	
		2 sets stab down	lb	*8.3			*17.4	17.4	*12.5			11.0	*9.4		7.7	*3.7	*3.7	
		Dozer and stab down	lb	*8.3			*17.4	13.8	*12.5			9.0	*9.4		6.3	*3.7	*3.7	
-5.0 ft		Rear dozer up	lb	*14.9			13.2		7.4	8.5		4.8				*4.1	2.8	27'4"
		Rear dozer down	lb		*14.9			*16.5	8.5		*11.9	5.7					*4.1	3.5
		Rear stab down	lb		*14.9			*16.5	10.8		*11.9	7.0					*4.1	4.1
		2 sets stab down	lb	*14.9			*16.5	*11.9				10.8				*4.1	*4.1	
		Dozer and stab down	lb	*14.9			*16.5	13.2	*11.9			8.8				*4.1	*4.1	
-10.0 ft		Rear dozer up	lb	*19.1			13.2		7.4	8.5		4.8				*5.0	3.5	24'9"
		Rear dozer down	lb		*19.1			*13.6	8.8		*9.2	5.7					*5.0	4.1
		Rear stab down	lb		*19.1			*13.6	11.0		*9.2	7.2					*5.0	5.0
		2 sets stab down	lb	*19.1			*13.6	17.4	*9.2			*9.2				*5.0	*5.0	
		Dozer and stab down	lb	*19.1			*13.6	13.6	*9.2			9.0				*5.0	*5.0	

 Load Point Height

 Load Radius Over Front

 Load Radius Over Rear

 Load Radius Over Side
















 Load at Maximum Reach

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

M316C Wheel Excavator

Lift Capacities with one-piece boom – 5.05 m (16'7")

Metric Units/all weights are in metric tons


Stick 2.1 m (6'10")	Undercarriage configuration	3.0 m			4.5 m			6.0 m			7.5 m					
																
6.0 m	Rear dozer up	t						*4.1		2.7						
	Rear dozer down	t							*4.1	3.1						
	Rear stab down	t							*4.1	3.8						
	2 sets stab down	t						*4.1		*4.1						
	Dozer and stab down	t						*4.1		*4.1						
4.5 m	Rear dozer up	t			*5.8		4.2	4.4		2.7						
	Rear dozer down	t			*5.8		4.9		*4.9	3.1						
	Rear stab down	t			*5.8		*5.8		*4.9	3.8						
	2 sets stab down	t			*5.8		*5.8	*4.9		*4.9						
	Dozer and stab down	t			*5.8		*5.8	*4.9		4.6						
3.0 m	Rear dozer up	t			6.7		3.9	4.3		2.6			*2.4		1.7	7.91 m
	Rear dozer down	t			*7.0		4.6		*5.4	3.0			*2.4		2.0	
	Rear stab down	t			*7.0		5.6		*5.4	3.6			*2.4		*2.4	
	2 sets stab down	t			*7.0		*7.0	*5.4		*5.4			*2.4		*2.4	
	Dozer and stab down	t			*7.0		7.0	*5.4		4.5			*2.4		*2.4	
1.5 m	Rear dozer up	t			6.4		3.7	4.1		2.5	3.0	1.8	*2.5		1.6	8.01 m
	Rear dozer down	t			*7.9		4.3		*5.8	2.8	*3.7	2.0	*2.5		1.9	
	Rear stab down	t			*7.9		5.3		*5.8	3.5	*3.7	2.5	*2.5		2.3	
	2 sets stab down	t			*7.9		*7.9	*5.8		5.2	*3.7	*3.7	*2.5		*2.5	
	Dozer and stab down	t			*7.9		6.6	*5.8		4.3	*3.7	3.1	*2.5		*2.5	
Ground	Rear dozer up	t			6.2		3.5	4.0		2.4			*2.7		1.7	7.78 m
	Rear dozer down	t			*8.1		4.1		*5.9	2.8			*2.7		1.9	
	Rear stab down	t			*8.1		5.1		*5.8	3.4			*2.7		2.4	
	2 sets stab down	t			*8.1		8.0	*5.9		5.1			*2.7		*2.7	
	Dozer and stab down	t			*8.1		6.5	*5.9		4.2			*2.7		*2.7	
-1.5 m	Rear dozer up	t	*7.4		6.4	6.2	3.5	4.0		2.3			3.1		1.9	7.20 m
	Rear dozer down	t		*7.4	*7.4		4.1		*5.3	2.7			*3.1		2.2	
	Rear stab down	t		*7.4	*7.4		5.1		*5.3	3.4			*3.1		2.7	
	2 sets stab down	t	*7.4		*7.4	*7.4	*7.4	*5.3		5.1			*3.1		*3.1	
	Dozer and stab down	t	*7.4		*7.4	*7.4	6.4	*5.3		4.2			*3.1		*3.1	
-3.0 m	Rear dozer up	t	*7.7		6.5	*5.7	3.6						*3.3		2.4	6.13 m
	Rear dozer down	t		*7.7	*7.7		4.2						*3.3		2.8	
	Rear stab down	t		*7.7	*7.7		5.2						*3.3		*3.3	
	2 sets stab down	t	*7.7		*7.7	*5.7	*5.7						*3.3		*3.3	
	Dozer and stab down	t	*7.7		*7.7	*5.7	*5.7						*3.3		*3.3	

 Load Point Height

 Load Radius Over Front

 Load Radius Over Rear

 Load Radius Over Side

 Load at Maximum Reach













* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

- Contact your Caterpillar dealer representative, for Heavy Counter Weight lifting capabilities.
- Contact your Caterpillar dealer representative, for Offset Boom lifting capabilities.

M316C Wheel Excavator

Lift Capacities with one-piece boom – 5.05 m (16'7")

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

Stick 2.1 m (6'10")	Undercarriage configuration	lb	10.0 ft			15.0 ft			20.0 ft			25.0 ft						
																		
20.0 ft	Rear dozer up	lb							*9.0		6.0							
	Rear dozer down	lb							*9.0		6.8							
	Rear stab down	lb							*9.0		8.3							
	2 sets stab down	lb							*9.0		*9.0							
15.0 ft	Dozer and stab down	lb							*9.0		*9.0							
	Rear dozer up	lb																
	Rear dozer down	lb																
	Rear stab down	lb																
10.0 ft	2 sets stab down	lb																
	Dozer and stab down	lb																
	Rear dozer up	lb																
	Rear dozer down	lb																
5.0 ft	Rear stab down	lb																
	2 sets stab down	lb																
	Dozer and stab down	lb																
	Rear dozer up	lb																
Ground	Rear dozer down	lb																
	Rear stab down	lb																
	2 sets stab down	lb																
	Dozer and stab down	lb																
-5.0 ft	Rear dozer up	lb																
	Rear dozer down	lb																
	Rear stab down	lb																
	2 sets stab down	lb																
-10.0 ft	Dozer and stab down	lb																
	Rear dozer up	lb																
	Rear dozer down	lb																
	Rear stab down	lb																



Load Point Height



Load Radius Over Front



Load Radius Over Rear



Load Radius Over Side



Load at Maximum Reach

* Indicates that the load is limited by hydraulic capacity rather than tipping capacity. Lift capacity ratings are based on SAE standard JISO 10567. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.
























• Contact your Caterpillar dealer representative, for Heavy Counter Weight lifting capabilities.

• Contact your Caterpillar dealer representative, for Offset Boom lifting capabilities.
























M316C Wheel Excavator

Lift Capacities with VA boom – 5.2 m (17'1")

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

Stick 2.4 m (7'10")		Undercarriage configuration	10.0 ft												15.0 ft			20.0 ft			25.0 ft														
			10.0 ft			15.0 ft			20.0 ft			25.0 ft			10.0 ft			15.0 ft			20.0 ft														
																																			
20.0 ft	Rear dozer up	lb							*9.4			*9.4	*9.4	*9.2				5.9																	
	Rear dozer down	lb										*9.4	*9.4	*9.2				6.8																	
	Rear stab down	lb										*9.4	*9.4	*9.2				8.1																	
	2 sets stab down	lb							*9.4			*9.4	*9.4	*9.2				*9.2																	
	Dozer and stab down	lb							*9.4			*9.4	*9.4	*9.2				*9.2																	
15.0 ft	Rear dozer up	lb	*10.3		*10.3	*11.2			9.4	9.7					5.9	*5.7		3.5																	
	Rear dozer down	lb		*10.3	*10.3		*11.2		10.8		*10.3				6.8	*5.7		4.1																	
	Rear stab down	lb		*10.3	*10.3		*11.2		11.2		*10.3				8.3	*5.7		5.2																	
	2 sets stab down	lb	*10.3		*10.3	*11.2			10.3		*10.3				*5.7			5.7																	
	Dozer and stab down	lb	*10.3		*10.3	*11.2			10.3		*10.3				9.9	*5.7		5.7																	
10.0 ft	Rear dozer up	lb	*19.1		16.7	14.7			9.0	9.4				5.9	6.3		3.7	*3.7								2.8			28'3"						
	Rear dozer down	lb		*19.1	*19.1		*14.9		10.3		*11.2			6.8		*9.2	4.4									3.5									
	Rear stab down	lb		*19.1	*19.1		*14.9		12.5		*11.2			8.1		9.0	5.2									3.7	*3.7								
	2 sets stab down	lb	*19.1		*19.1	*14.9			11.2		*11.2			*9.2			8.1	*3.7								3.7									
	Dozer and stab down	lb	*19.1		*19.1	*14.9			11.2		*11.2			9.9	*9.2		6.6	*3.7								3.7									
5.0 ft	Rear dozer up	lb	*21.6		16.3	14.3			9.0	9.4				5.7	6.3		3.5	*3.7								2.6			29'						
	Rear dozer down	lb		*21.6	18.7		*16.9		10.3		*12.1			6.1		*9.4	4.1									3.0									
	Rear stab down	lb		*21.6	*21.6		*16.9		12.3		*12.1			8.1		9.0	5.2									3.7	*3.7								
	2 sets stab down	lb	*21.6		*21.6	*16.9			12.1		*12.1			11.4	*9.4		5.7	*3.7								3.7									
	Dozer and stab down	lb	*21.6		*21.6	*16.9			12.1		*12.1			9.7	*9.4		6.6	*3.7								3.7									
Ground	Rear dozer up	lb	*25.1		15.8	14.5			8.5	9.2				5.5	6.1		3.5	*3.9								2.6			28'9"						
	Rear dozer down	lb		*25.1	18.7		*17.1		10.1		*12.3			6.3		*9.2	3.9									3.0									
	Rear stab down	lb		*25.1	23.3		*17.1		12.5		*12.3			7.9		8.8	5.0									3.9	*3.9								
	2 sets stab down	lb	*25.1		*25.1	*17.1			12.3		*12.3			11.4	*9.2		7.9	*3.9								3.9									
	Dozer and stab down	lb	*25.1		*25.1	*17.1			12.3		*12.3			9.7	*9.2		6.3	*3.9								3.9									
-5.0 ft	Rear dozer up	lb	*28.2		15.2	14.5			8.3	9.0				5.0			4.4								2.8			27'5"							
	Rear dozer down	lb		*28.2	18.0		*17.4		9.7		*12.5			5.9			3.3									3.3									
	Rear stab down	lb		*28.2	23.3		*17.4		12.1		*12.5			7.4			4.4									4.4	*4.4								
	2 sets stab down	lb	*28.2		*28.2	*17.4			12.5		*12.5			11.2			5.0									4.4									
	Dozer and stab down	lb	*28.2		*28.2	*17.4			12.5		*12.5			9.2			6.6									4.4									
-10.0 ft	Rear dozer up	lb	*29.1		15.2	14.1			7.9	8.5				4.8			5.2								3.3			24'11"							
	Rear dozer down	lb		*29.1	18.0		*17.4		9.3		*9.0			5.7			3.9									3.9									
	Rear stab down	lb		*29.1	23.3		*17.4		11.6		*9.0			7.2			5.0									5.0									
	2 sets stab down	lb	*29.1		*29.1	*17.4			12.5		*9.0			11.4			7.9	*5.2								5.2									
	Dozer and stab down	lb	*29.1		*29.1	*17.4			12.5		*9.0			9.7			6.3	*5.2								5.2									

Stick 2.6 m (8'6")

Stick 2.6 m (8'6")		Undercarriage configuration	10.0 ft												15.0 ft			20.0 ft			25.0 ft														
			10.0 ft			15.0 ft			20.0 ft			25.0 ft			10.0 ft			15.0 ft			20.0 ft														
																																			
20.0 ft	Rear dozer up	lb							*8.5			*8.5	*8.8		5.9																				
	Rear dozer down	lb										*8.5	*8.5	*8.8		6.8																			
	Rear stab down	lb										*8.5	*8.5	*8.8		8.3																			
	2 sets stab down	lb							*8.5			*8.5	*8.8		*8.8		8.8																		
	Dozer and stab down	lb							*8.5			*8.5	*8.8		*8.8		8.8																		
15.0 ft	Rear dozer up	lb							*9.9			9.4	9.7		6.1	6.3		3.7																	
	Rear dozer down	lb										*9.9	*9.9	*10.1		7.0		4.4																	
	Rear stab down	lb										*9.9	*9.9	*10.1		8.3		5.5																	
	2 sets stab down	lb							*9.9			*9.9	*10.1		*10.1		7.0		7.0																
	Dozer and stab down	lb							*9.9			*9.9	*10.1		9.9	*7.0		6.8																	
10.0 ft	Rear dozer up	lb	*18.7		16.7	14.7			9.2	9.4				5.9	6.6		3.7	*3.5								2.8			28'11"						
	Rear dozer down	lb		*18.7	*18.7		*14.7		10.5		*11.2			6.8		*9.2	4.4									3.3									
	Rear stab down	lb		*18.7	*18.7		*14.7		12.5		*11.2			8.1		9.0	5.5									3.5	*3.5								