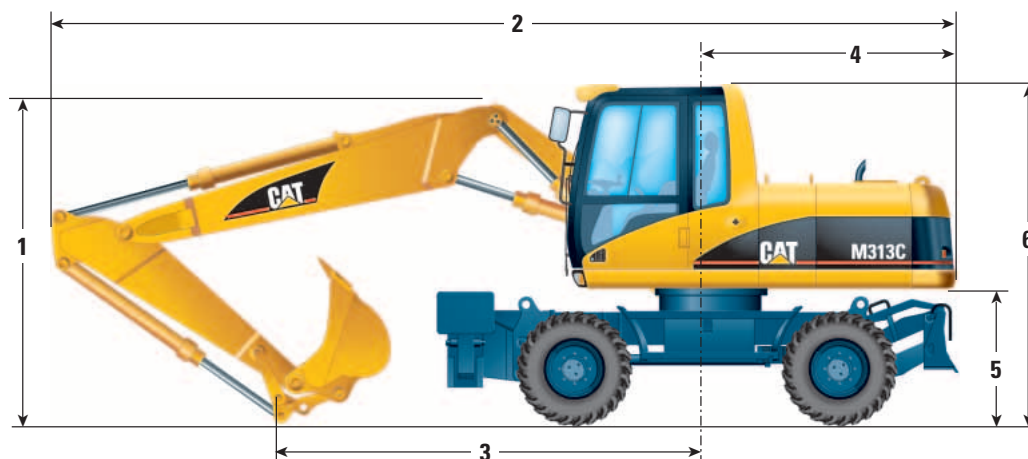


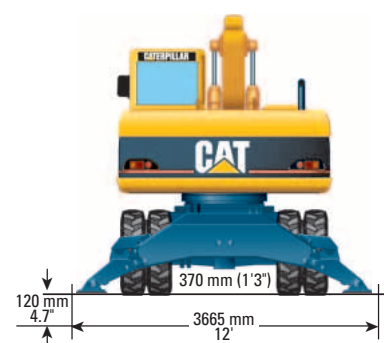
M313C Wheel Excavator

Dimensions

All dimensions are approximate.



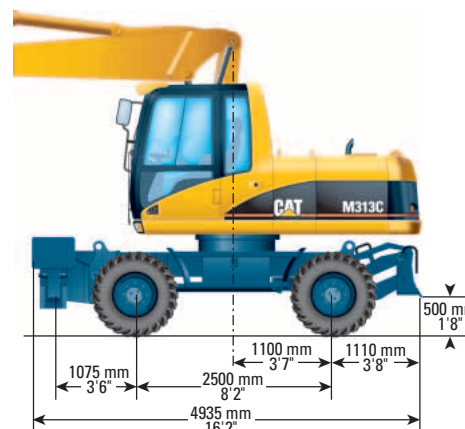
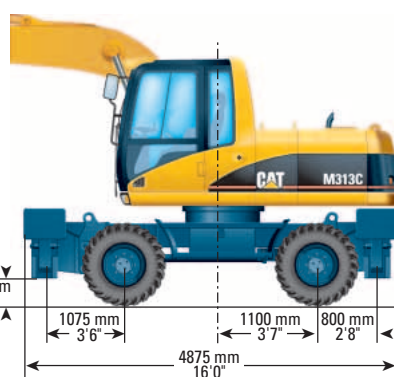
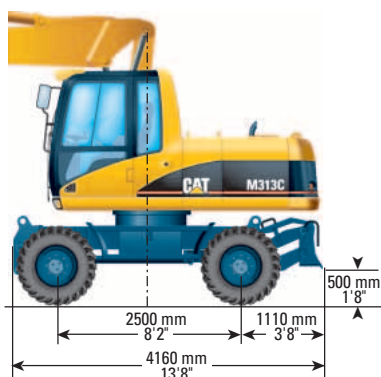
		VA boom		One-piece boom	
		mm	ft/in	mm	ft/in
1	Shipping height				
	2.3 m/7'7" stick	cab height		cab height	
	2.6 m/8'6" stick	cab height		cab height	
2	Shipping length				
	2.3 m/7'7" stick	8300	27'3"	8080	26'6"
	2.6 m/8'6" stick	8290	27'2"	8090	26'7"
3	Support point				
	2.3 m/7'7" stick	3470	11'5"	3120	10'3"
	2.6 m/8'6" stick	3320	10'11"	2950	9'8"
4	Tail swing radius	2049	6'9"	2049	6'9"
5	Counterweight clearance	1232	4'1"	1232	4'1"
6	Cab height	3120	10'3"	3120	10'3"



Undercarriage with dozer only

Undercarriage with 2 sets of outriggers

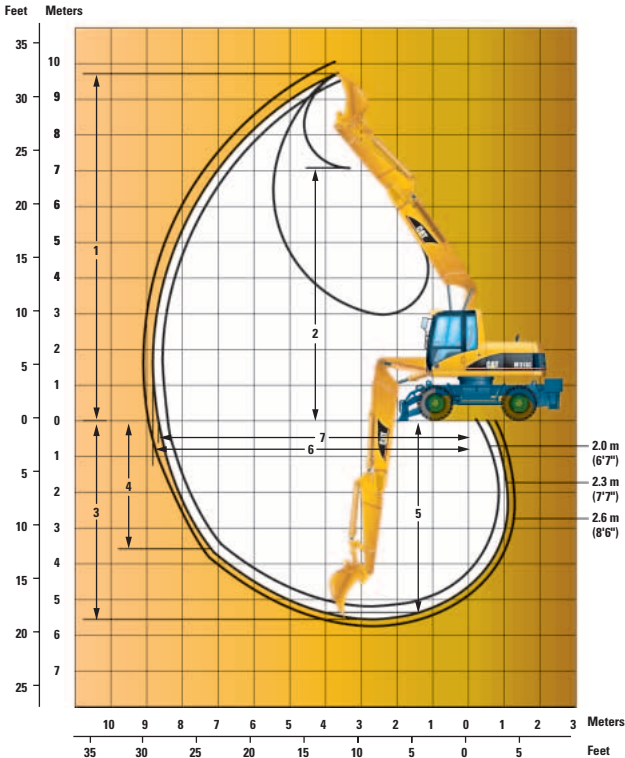
Undercarriage with 1 set of outriggers and dozer



M313C Wheel Excavator

VA Boom Working Ranges

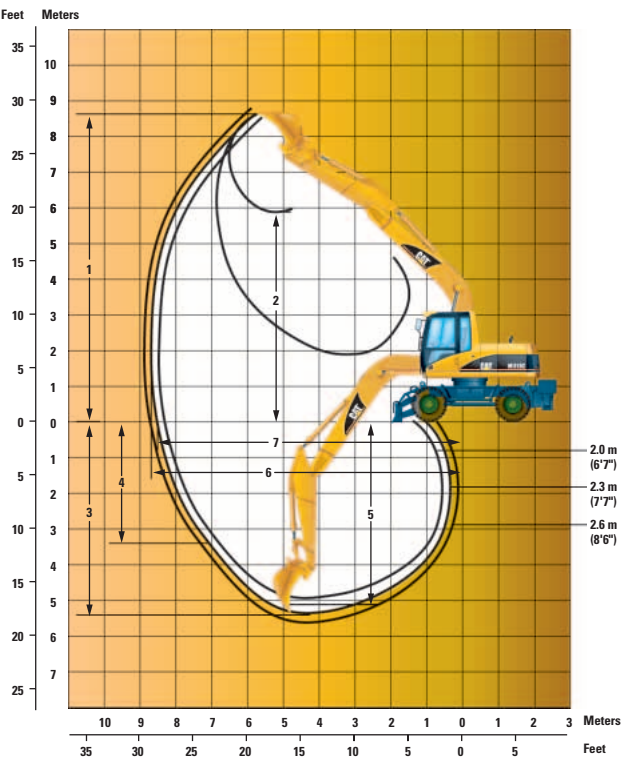
5.02 m (16'6") Variable adjustable boom, 1250 mm (49") tip radius bucket.



Stick Length		2.0 m (6'7")	2.3 m (7'7")	2.6 m (8'6")
1	Maximum Digging Height	9670 mm (31'8")	9820 mm (32'2")	10 060 mm (33'0")
2	Maximum Dump Height	6900 mm (22'7")	7060 mm (23'1")	7290 mm (23'11")
3	Maximum Digging Depth	5160 mm (16'11")	5450 mm (17'10")	5750 mm (18'10")
4	Maximum Vertical Wall Digging Depth	3500 mm (11'5")	3600 mm (11'10")	3890 mm (12'8")
5	Maximum Depth 2.5 m (8'2") Straight Clean-up	4921 mm (16'1")	5232 mm (17'1")	5549 mm (18'2")
6	Maximum Reach	8670 mm (28'5")	8920 mm (29'2")	9210 mm (30'2")
7	Maximum Reach at Ground Level	8490 mm (27'10")	8740 mm (28'7")	9030 mm (29'7")
Bucket Forces (ISO 6015)		87 kN (19,560 lb)	87 kN (19,560 lb)	87 kN (19,560 lb)
Stick Forces (ISO 6015)		68 kN (15,287 lb)	62 kN (13,940 lb)	57 kN (12,810 lb)

One-piece Boom Working Ranges

4.815 m (15'10") One-piece boom, 1250 mm (49") tip radius bucket.



Stick Length		2.0 m (6'7")	2.3 m (7'7")	2.6 m (8'6")
1	Maximum Digging Height	8600 mm (28'2")	8620 mm (28'2")	8790 mm (28'10")
2	Maximum Dump Height	5910 mm (19'4")	5970 mm (19'6")	6140 mm (20'1")
3	Maximum Digging Depth	4990 mm (16'4")	5290 mm (17'4")	5590 mm (18'4")
4	Maximum Vertical Wall Digging Depth	3410 mm (11'1")	3370 mm (11'0")	3670 mm (12'0")
5	Maximum Depth 2.5 m (8'2") Straight Clean-up	4751 mm (15'6")	5072 mm (16'7")	5389 mm (17'7")
6	Maximum Reach	8420 mm (27'7")	8660 mm (28'5")	8950 mm (29'4")
7	Maximum Reach at Ground Level	8230 mm (27'0")	8480 mm (27'10")	8770 mm (28'8")
Bucket Forces (ISO 6015)		87 kN (19,560 lb)	87 kN (19,560 lb)	87 kN (19,560 lb)
Stick Forces (ISO 6015)		68 kN (15,287 lb)	62 kN (13,940 lb)	57 kN (12,810 lb)

M313C Wheel Excavator

Work Tools Matching Guide

When choosing between various work tool models that can be installed onto the same machine configuration, consider work tool application, productivity requirements, and durability. Refer to work tool specifications for application recommendations and productivity information.

			Variable adjustable boom 5020 mm (16'6")									One-piece boom 4815 mm (15'10")								
			Dozer lowered			2 sets of stabilizer lowered			Dozer and stabilizer lowered			Dozer lowered			2 sets of stabilizer lowered			Dozer and stabilizer lowered		
			2000 6'6"	2300 7'6"	2600 8'6"	2000 6'6"	2300 7'6"	2600 8'6"	2000 6'6"	2300 7'6"	2600 8'6"	2000 6'6"	2300 7'6"	2600 8'6"	2000 6'6"	2300 7'6"	2600 8'6"	2000 6'6"	2300 7'6"	2600 8'6"
Without quick coupler			(mm) Stick length (ft/in)																	
Hammers	H100																			
	H115 s				×			×			×			×			×			×
Multiprocessors	MP15	CC, PS	×	×	×	×	×	×	×	×	×	×	×	×		×	×		×	×
		CR, S	×	×	×	×		×	×		×	×	×	×		×	×		×	×
360° rotatable Shears (boom mounted)	S320		×	×	×	×	×	×	×	×	×				×	×	×	×	×	×
	S325		×	×	×							×	×	×						
Multi-Grapples	G310B	D			×															
		R		×	×															
	G315B	D	×	×	×			×			×	×	×	×			×			×
		R	×	×	×			×			×	×	×	×		×	×		×	×
Compactors	CVP75																			
Orange Peel Grapples (4 times)	GSH9	300 L (0.39 yd³)																		
		400 L (0.5 yd³)																		

- Not all work tools are available in all areas.
- 360° Working Range

Over the front only
- Maximum Material density 1800 kg/m³ (3,000 lb/yd³)
- Maximum Material density 1200 kg/m³ (2,000 lb/yd³)
- ×

Not Compatible

Bucket Specifications

Contact your Caterpillar dealer for special bucket requirements.

Buckets without Quick Coupler

Bucket type	Width		Weight		Capacity (SAE)		No. of Teeth
	mm	in	kg	lb	m³	yd³	
General Purpose	600	24	350	770	0.28	0.37	3
	750	30	349	770	0.38	0.5	4
	900	35	388	855	0.49	0.63	5
	1100	43	445	980	0.64	0.84	6
	1200	47	468	1030	0.72	0.94	6
Extreme Service	1200	47	478	1054	0.72	0.94	6
Ditch Cleaning, tiltable	1800	71	735	1620	0.47	0.61	
	2000	79	710	1565	0.40	0.52	
Ditch Cleaning, rigid	2000	79	424	935	0.54	0.71	

- Buckets Specification chart does not list all bucket options, only the buckets available X-factory. For a complete list of buckets and work tools offered by Caterpillar, please contact your Caterpillar dealer.
- All bucket recommendations are subject to material density.
- General purpose and extreme service buckets have 1250 mm (49") tip radius with long teeth.
- Buckets are not drilled for sidecutters.
- General purpose and extreme service buckets include weld-on tooth adapters.
- Tilting ditch cleaning bucket weights include tilt mounting device.
- All buckets come with adjuster group.
- All weights are without tips.

M313C Wheel Excavator

Lift Capacities with VA boom – 5.02 m (16'6")

Metric Units/all weights are in metric tons

Stick 2.0 m (6'6")		Undercarriage configuration	3.0 m			4.5 m			6.0 m						
															
6.0 m		Rear dozer up	t			*4.1		3.3	3.2		2.0				
		Rear dozer down	t				*4.1	*3.8		*3.3	2.3				
		Rear stab down	t					*4.1		*3.3	2.8				
		2 sets stab down	t			*4.1		*4.1	*3.3		*3.3				
		Dozer and stab down	t			*4.1		*4.1	*3.3		*3.3				
4.5 m		Rear dozer up	t	*4.5	*4.5	*4.7		3.3	3.3		2.0				
		Rear dozer down	t		*4.5		*4.7	*3.8		*3.9	2.4				
		Rear stab down	t					*4.5		*3.9	2.9				
		2 sets stab down	t	*4.5	*4.5	*4.7		*4.7	*3.9		*3.9				
		Dozer and stab down	t	*4.5	*4.5	*4.7		*4.7	*3.9		3.5				
3.0 m		Rear dozer up	t	*6.8	6.8	5.0		3.2	3.3		2.0	2.1	*2.1	1.2	7.83 m
		Rear dozer down	t		6.8		*5.5	3.7		*4.2	2.3		*2.1	1.4	
		Rear stab down	t					4.4			2.9			1.8	
		2 sets stab down	t	*6.8	*6.8	*5.5		*5.5	*4.2		4.1	*2.1		*2.1	
		Dozer and stab down	t	*6.8	*6.8	*5.5		5.3	*4.2		3.5	*2.1		*2.1	
1.5 m		Rear dozer up	t	*7.8	5.7	*4.9		3.2	3.2		2.0	2.0	*2.1	1.1	7.94 m
		Rear dozer down	t		6.7		*6.0	3.7		*4.4	2.3		*2.1	1.4	
		Rear stab down	t		*7.8			4.3			2.8			1.7	
		2 sets stab down	t	*7.8	*7.8	*6.0		*6.0	*4.4		4.1	*2.1		*2.1	
		Dozer and stab down	t	*7.8	*7.8	*6.0		*5.3	*4.4		3.5	*2.1		*2.1	
Ground		Rear dozer up	t	*9.4	5.5	5.0		3.0	3.1		1.9	2.0	*2.3	1.2	7.73 m
		Rear dozer down	t		6.6		*6.1	3.5		*4.4	2.2		*2.3	1.4	
		Rear stab down	t		8.2			4.3			2.7			1.8	
		2 sets stab down	t	*9.4	*9.4	*6.1		*6.1	*4.4		4.1	*2.3		*2.3	
		Dozer and stab down	t	*9.4	*9.4	*6.1		*5.3	*4.4		3.4	*2.3		*2.3	
-1.5 m		Rear dozer up	t	9.8	5.3	4.9		2.9	3.0		1.8	2.3	*2.5	1.3	7.15 m
		Rear dozer down	t		6.4		*6.2	3.4		*4.2	2.1		*2.5	1.6	
		Rear stab down	t		8.2			4.2			2.6			2.0	
		2 sets stab down	t	*10.0	*10.0	*6.2		*6.2	*4.2		4.0	*2.5		*2.5	
		Dozer and stab down	t	*10.0	*10.0	*6.2		5.3	*4.2		3.3	*2.5		2.5	
-3.0 m		Rear dozer up	t	*9.7	5.3	4.7		2.8							
		Rear dozer down	t		6.4		*5.2	3.3							
		Rear stab down	t		8.1			4.0							
		2 sets stab down	t	*9.7	*9.7	*5.2		*5.2							
		Dozer and stab down	t	*9.7	*9.7	*5.2		*5.2							

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

Stick 2.0 m (6'6")		Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft						
															
20.0 ft		Rear dozer up	lb			*9.0		7.2	7.0		4.4				
		Rear dozer down	lb				*9.0	*8.3		*7.2	5.0				
		Rear stab down	lb					*9.0		*7.2	6.1				
		2 sets stab down	lb			*9.0		*9.0	*7.2		*7.2				
		Dozer and stab down	lb			*9.0		*9.0	*7.2		*7.2				
15.0 ft		Rear dozer up	lb	*9.9	*9.9	*10.3		7.2	7.2		4.4				
		Rear dozer down	lb		*9.9		*10.3	*8.3		*8.5	5.2				
		Rear stab down	lb					*9.9		*8.5	6.3				
		2 sets stab down	lb	*9.9	*9.9	*10.3		*10.3	*8.5		*8.5				
		Dozer and stab down	lb	*9.9	*9.9	*10.3		*10.3	*8.5		7.7				
10.0 ft		Rear dozer up	lb	*14.9	12.7	11.0		7.0	7.2		4.4	4.6	*4.6	2.6	25'7"
		Rear dozer down	lb		14.9		*12.1	8.1		*9.2	5.0		*4.6	3.0	
		Rear stab down	lb		*14.9			9.7			6.3			3.9	
		2 sets stab down	lb	*14.9	*14.9	*12.1		*12.1	*9.2		9.0	*4.6		*4.6	
		Dozer and stab down	lb	*14.9	*14.9	*12.1		11.6	*9.2		7.7	*4.6		*4.6	
5.0 ft		Rear dozer up	lb	17.1	12.5	*10.8		7.0	7.0		4.4	4.4	*4.6	2.4	26'0"
		Rear dozer down	lb		14.7		*13.2	8.1		*9.7	5.0		*4.6	3.0	
		Rear stab down	lb	*17.1	*17.1			9.4		*9.7	6.1			3.7	
		2 sets stab down	lb	*17.1	*17.1	*13.2		*13.2	*9.7		9.0	*4.6		*4.6	
		Dozer and stab down	lb	*17.1	*17.1	*13.2		*11.6	*9.7		7.7	*4.6		*4.6	
Ground		Rear dozer up	lb	*20.7	12.1	11.0		6.6	6.8		4.1	4.4	*5.0	2.6	25'4"
		Rear dozer down	lb		14.5		*13.4	7.7		*9.7	4.8		*5.0	3.0	
		Rear stab down	lb		18.0			9.4			5.9			3.9	
		2 sets stab down	lb	*20.7	*20.7	*13.4		*13.4	*9.7		9.0	*5.0		*5.0	
		Dozer and stab down	lb	*20.7	*20.7	*13.4		*11.6	*9.7		7.4	*5.0		*5.0	
-5.0 ft		Rear dozer up	lb	21.6	11.7	10.8		6.3	6.6		3.9	5.0	*5.5	2.8	23'5"
		Rear dozer down	lb		14.1		*13.6	7.4		*9.2	4.6		*5.5	3.5	
		Rear stab down	lb		18.0			9.2			5.7			4.4	
		2 sets stab down	lb	*22.0	*22.0	*13.6		*13.6	*9.2		8.8	*5.5		*5.5	
		Dozer and stab down	lb	*22.0	*22.0	*13.6		11.6	*9.2		7.2	*5.5		5.5	
-10.0 ft		Rear dozer up	lb	*21.3	11.6	10.3		6.1							
		Rear dozer down	lb		14.1		*11.4	7.2							
		Rear stab down	lb		17.8			8.8							
		2 sets stab down	lb	*21.3	*21.3	*11.4		*11.4							
		Dozer and stab down	lb	*21.3	*21.3	*11.4		*11.4							

* 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.

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

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

• Lifting values are without bucket or coupler installed.

M313C Wheel Excavator

Lift Capacities with VA boom – 5.02 m (16'6")

Metric Units/all weights are in metric tons

Stick 2.3 m (7'7")		Undercarriage configuration	3.0 m			4.5 m			6.0 m			7.5 m					
																	
6.0 m		Rear dozer up	t			*3.6			3.3	3.2	1.9						
		Rear dozer down	t			*3.6			*3.6		2.2						
		Rear stab down	t			*3.6			*3.6		2.7						
		2 sets stab down	t			*3.6			*3.2		*3.2						
		Dozer and stab down	t			*3.6			*3.2		*3.2						
4.5 m		Rear dozer up	t	*3.7		*3.7	*4.2		3.2	3.2	2.0						
		Rear dozer down	t			*3.7			3.7		2.3						
		Rear stab down	t		*3.7	*3.7	*4.2		*4.2		2.8						
		2 sets stab down	t	*3.7		*3.7	*4.2		*4.2	*3.7	*3.7						
		Dozer and stab down	t	*3.7		*3.7	*4.2		*4.2	*3.7	3.5						
3.0 m		Rear dozer up	t	*7.0		5.7	4.9		3.1	3.2	2.0	2.1		1.2	*1.5	1.0	8.31 m
		Rear dozer down	t		*7.0	6.7		*5.2	3.6		2.3		*2.8	1.4		1.2	
		Rear stab down	t			*7.0		*5.2	4.3		2.8			1.8	*1.5	1.5	
		2 sets stab down	t	*7.0		*7.0	*5.2		*5.2	*3.9	*3.9	*2.8		2.8	*1.5	*1.5	
		Dozer and stab down	t	*7.0		*7.0	*5.2		*5.2	*3.9	3.4	*2.8		2.3	*1.5	*1.5	
1.5 m		Rear dozer up	t	*7.7		5.6	4.8		3.1	3.1	1.9	2.0		1.1	*1.5	0.9	8.56 m
		Rear dozer down	t		*7.7	6.5		*5.8	3.5		2.2		*3.2	1.4		1.1	
		Rear stab down	t			*7.7		*5.8	4.2		2.7		3.0	1.7	*1.5	1.4	
		2 sets stab down	t	*7.7		*7.7	*5.8		*5.8	*4.2	4.0	*3.2		2.7	*1.5	*1.5	
		Dozer and stab down	t	*7.7		*7.7	*5.8		5.2	*4.2	3.4	*3.2		2.2	*1.5	*1.5	
Ground		Rear dozer up	t	*9.1		5.5	4.9		3.0	3.0	1.8	2.0		1.1	*1.6	0.9	8.48 m
		Rear dozer down	t		*9.1	6.5		*5.9	3.5		2.1		*2.7	1.3		1.1	
		Rear stab down	t			8.0		*5.9	4.3		2.6			1.7	*1.6	1.4	
		2 sets stab down	t	*9.1		*9.1	*5.9		*5.9	*4.2	4.0	*2.7		2.7	*1.6	*1.6	
		Dozer and stab down	t	*9.1		*9.1	*5.9		5.2	*4.2	3.3	*2.7		2.2	*1.6	*1.6	
-1.5 m		Rear dozer up	t	9.6		5.2	4.8		2.8	2.9	1.7				*1.8	1.0	8.08 m
		Rear dozer down	t		*9.8	6.3		*6.0	3.3		2.0				*1.8	1.2	
		Rear stab down	t			8.1		*6.0	4.1		2.5					1.5	
		2 sets stab down	t	*9.8		*9.8	*6.0		*6.0	*4.2	3.9				*1.8	*1.8	
		Dozer and stab down	t	*9.8		*9.8	*6.0		5.3	*4.2	3.2				*1.8	*1.8	
-3.0 m		Rear dozer up	t	9.8		5.3	4.6		2.6						*2.0	1.2	7.29 m
		Rear dozer down	t		*10.0	6.3		*5.5	3.1							1.4	
		Rear stab down	t			8.1		*5.5	3.9						*2.0	1.8	
		2 sets stab down	t	*10.0		*10.0	*5.5		*5.5						*2.0	*2.0	
		Dozer and stab down	t	*10.0		*10.0	*5.5		5.1						*2.0	*2.0	

Stick 2.6 m (8'6")

	Undercarriage configuration	3.0 m			4.5 m			6.0 m			7.5 m					
																
6.0 m	Rear dozer up	t			*3.1			3.1		2.0						
	Rear dozer down	t			*3.1			*3.1		2.3						
	Rear stab down	t			*3.1			*3.1		2.8						
	2 sets stab down	t			*3.1			*3.1		*3.1						
	Dozer and stab down	t			*3.1			*3.1		*3.1						
4.5 m	Rear dozer up	t			*3.5			3.2	3.2	2.0	*1.9		1.2			
	Rear dozer down	t			*3.5			*3.5		2.3		*1.9	1.4			
	Rear stab down	t			*3.5			*3.5		2.8			1.8			
	2 sets stab down	t			*3.5			*3.5		*3.5	*1.9		*1.9			
	Dozer and stab down	t			*3.5			*3.5		3.4	*1.9		*1.9			
3.0 m	Rear dozer up	t	*6.4		5.7	4.9		3.1	3.1	2.0	2.1		1.2	*1.3	0.9	8.61 m
	Rear dozer down	t		*6.4	6.4		*5.0	3.6		2.3		*3.1	1.4		1.1	
	Rear stab down	t			*6.4		*5.0	4.3		2.8		3.1	1.8		*1.3	
	2 sets stab down	t	*6.4		*6.4	*5.0		*5.0	*3.8	*3.8	*3.1		2.8	*1.3	*1.3	
	Dozer and stab down	t	*6.4		*6.4	*5.0		*5.0	*3.8	3.4	*3.1		2.3	*1.3	*1.3	
1.5 m	Rear dozer up	t	*7.8		5.5	4.8		3.0	3.1	2.0	2.0		1.1	*1.3	0.9	8.85 m
	Rear dozer down	t		*7.8	6.4		*5.7	3.5		2.2		*3.2	1.4		1.0	
	Rear stab down	t			*7.8			4.2		2.8		3.0	1.7		*1.3	
	2 sets stab down	t	*7.8		*7.8	*5.7		*5.7	*4.1	3.9	*3.2		2.7	*1.3	*1.3	
	Dozer and stab down	t	*7.8		*7.8	*5.7		5.2	*4.1	3.4	*3.2		2.3	*1.3	*1.3	
Ground	Rear dozer up	t	*8.7		5.5	4.8		3.0	3.0	1.8	2.0		1.1	*1.4	0.8	8.78 m
	Rear dozer down	t		*8.7	6.5		*5.9	3.5		2.1		*3.1	1.3		1.0	
	Rear stab down	t			8.0		*5.9	4.2		2.7		3.0	1.7		*1.4	
	2 sets stab down	t	*8.7		*8.7	*5.9		*5.9	*4.2	4.0	*3.1		2.7	*1.4	*1.4	
	Dozer and stab down	t	*8.7		*8.7	*5.9		5.2	*4.2	3.3	*3.1		2.2	*1.4	*1.4	
-1.5 m	Rear dozer up	t	9.5		5.2	4.8		2.8	2.9	1.7				*1.5	0.9	8.39 m
	Rear dozer down	t		*9.7	6.3		*6.0	3.3		2.0					1.1	
	Rear stab down	t			8.1		*6.0	4.1		2.5					1.4	
	2 sets stab down	t	*9.7		*9.7	*6.0		*6.0	*4.3	3.9				*1.5	*1.5	
	Dozer and stab down	t	*9.7		*9.7	*6.0		5.3	*4.3	3.2				*1.5	*1.5	
-3.0 m	Rear dozer up	t	9.8		5.2	4.6		2.6	2.8	1.6				*1.8	1.1	7.64 m
	Rear dozer down	t		*10.0	6.3		*5.9	3.1		1.9					1.3	
	Rear stab down	t			8.0		*5.9	3.9		2.4					1.7	
	2 sets stab down	t	*10.0		*10.0	*5.9		*5.9	*3.0	3.0				*1.8	*1.8	
	Dozer and stab down	t	*10.0		*10.0	*5.9		5.1	*3.0	*3.0				*1.8	*1.8	

* 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.

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

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

• Lifting values are without bucket or coupler installed.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Rear



Load Radius
Over Side



Load at
Maximum Reach

M313C Wheel Excavator

Lift Capacities with VA boom – 5.02 m (16'6")

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

Stick 2.3 m (7'7")		Undercarriage configuration		10.0 ft			15.0 ft			20.0 ft			25.0 ft					
																		
20.0 ft		Rear dozer up	lb				*7.9		7.2	7.0		4.1						
		Rear dozer down	lb				*7.9		*7.9			4.8						
		Rear stab down	lb				*7.9		*7.9			5.9						
		2 sets stab down	lb				*7.9		*7.9			*7.0						
		Dozer and stab down	lb				*7.9		*7.9			*7.0						
15.0 ft		Rear dozer up	lb	*8.1		*8.1	*9.2		7.0	7.0		4.4						
		Rear dozer down	lb		*8.1	*8.1	*9.2		8.1			5.0						
		Rear stab down	lb		*8.1	*8.1	*9.2		*9.2			6.1						
		2 sets stab down	lb	*8.1		*8.1	*9.2		*9.2			*8.1						
		Dozer and stab down	lb	*8.1		*8.1	*9.2		*9.2			7.7						
10.0 ft		Rear dozer up	lb	*15.4		12.5	10.8		6.8	7.0		4.4	4.6		2.6	*3.3	2.2	27'3"
		Rear dozer down	lb		*15.4	14.7		*11.4	7.9			5.0		*6.1	3.0	*3.3	2.6	
		Rear stab down	lb		*15.4	*15.4		*11.4	9.4			6.1			3.9	*3.3	3.0	
		2 sets stab down	lb	*15.4		*15.4	*11.4		*11.4			*8.5			6.1	*3.3	*3.3	
		Dozer and stab down	lb	*15.4		*15.4	*11.4		*11.4			7.4		*6.1	5.0	*3.3	*3.3	
5.0 ft		Rear dozer up	lb	*16.9		12.3	10.5		6.8	6.8		4.1	4.4		2.4	*3.3	1.9	28'1"
		Rear dozer down	lb		*16.9	14.3		*12.7	7.7			4.8		*7.0	3.0	*3.3	2.4	
		Rear stab down	lb		*16.9	*16.9		*12.7	9.2			5.9		6.6	3.7	*3.3	3.0	
		2 sets stab down	lb	*16.9		*16.9	*12.7		*12.7			8.8		*7.0	5.9	*3.3	*3.3	
		Dozer and stab down	lb	*16.9		*16.9	*12.7		11.4			7.4		*7.0	4.8	*3.3	*3.3	
Ground		Rear dozer up	lb	*20.0		12.1	10.8		6.6	6.6		3.9	4.4		2.4	*3.5	1.9	27'9"
		Rear dozer down	lb		*20.0	14.3		*13.0	7.7			4.6		*5.9	2.8	*3.5	2.4	
		Rear stab down	lb		*20.0	17.6		*13.0	9.4			5.7		*5.9	3.7	*3.5	3.0	
		2 sets stab down	lb	*20.0		*20.0	*13.0		*13.0			8.8		*5.9	5.9	*3.5	*3.5	
		Dozer and stab down	lb	*20.0		*20.0	*13.0		11.4			7.2		*5.9	4.8	*3.5	*3.5	
-5.0 ft		Rear dozer up	lb	*21.1		11.4	10.5		6.1	6.3		3.7				*3.9	2.2	26'6"
		Rear dozer down	lb		*21.6	13.8		*13.2	7.2			4.4				*3.9	2.6	
		Rear stab down	lb		*21.6	17.8		*13.2	9.0			5.5				*3.9	3.3	
		2 sets stab down	lb	*21.6		*21.6	*13.2		*13.2			8.5				*3.9	*3.9	
		Dozer and stab down	lb	*21.6		*21.6	*13.2		11.6			7.0				*3.9	*3.9	
-10.0 ft		Rear dozer up	lb	21.6		11.6	10.1		5.7			3.7				*4.4	2.6	23'11"
		Rear dozer down	lb		*22.0	13.8		*12.1	6.8			4.4				*4.4	3.0	
		Rear stab down	lb		*22.0	17.8		*12.1	8.5			5.5				*4.4	3.9	
		2 sets stab down	lb	*22.0		*22.0	*12.1		*12.1			8.5				*4.4	*4.4	
		Dozer and stab down	lb	*22.0		*22.0	*12.1		11.2			7.0				*4.4	*4.4	

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				*6.8		*6.8	*6.8		4.4						
		Rear dozer down	lb				*6.8		*6.8			5.0						
		Rear stab down	lb				*6.8		*6.8			6.1						
		2 sets stab down	lb				*6.8		*6.8			*6.8						
		Dozer and stab down	lb				*6.8		*6.8			*6.8						
15.0 ft		Rear dozer up	lb				*7.7		7.0	7.0		4.4	*4.1		2.6			
		Rear dozer down	lb				*7.7		*7.7			5.0		*4.1	3.0			
		Rear stab down	lb				*7.7		*7.7			6.1		*4.1	3.9			
		2 sets stab down	lb				*7.7		*7.7			*7.7			*4.1			
		Dozer and stab down	lb				*7.7		*7.7			7.4		*4.1	*4.1			
10.0 ft		Rear dozer up	lb	*14.1		12.5	10.8		6.8	6.8		4.4	4.6		2.6	*2.8	1.9	28'2"
		Rear dozer down	lb		*14.1	*14.1		*11.0	7.9			5.0		*6.8	3.0	*2.8	2.4	
		Rear stab down	lb		*14.1	*14.1		*11.0	9.4			6.1			3.9	*2.8	*2.8	
		2 sets stab down	lb	*14.1		*14.1	*11.0		*11.0			*8.3			6.1	*2.8	*2.8	
		Dozer and stab down	lb	*14.1		*14.1	*11.0		*11.0			7.4		*6.8	5.0	*2.8	*2.8	
5.0 ft		Rear dozer up	lb	*17.1		12.1	10.5		6.6	6.8		4.4	4.4		2.4	*2.8	1.9	29'0"
		Rear dozer down	lb		*17.1	14.1		*12.5	7.7			4.8		*7.0	3.0	*2.8	2.2	
		Rear stab down	lb		*17.1	*17.1		*12.5	9.2			6.1		6.6	3.7	*2.8	*2.8	
		2 sets stab down	lb	*17.1		*17.1	*12.5		*12.5			8.5		*7.0	5.9	*2.8	*2.8	
		Dozer and stab down	lb	*17.1		*17.1	*12.5		11.4			7.4		*7.0	5.0	*2.8	*2.8	
Ground		Rear dozer up	lb	*19.1		12.1	10.5		6.6	6.6		3.9	4.4		2.4	*3.0	1.7	28'9"
		Rear dozer down	lb		*19.1	14.3		*13.0	7.7			4.6		*6.8	2.8	*3.0	2.2	
		Rear stab down	lb		*19.1	17.6		*13.0	9.2			5.9		6.6	3.7	*3.0	2.8	
		2 sets stab down	lb	*19.1		*19.1	*13.0		*13.0			8.8		*6.8	5.9	*3.0	*3.0	
		Dozer and stab down	lb	*19.1		*19.1	*13.0		11.4			7.2		*6.8	4.8	*3.0	*3.0	
-5.0 ft		Rear dozer up	lb	20.9		11.4	10.5		6.1	6.3		3.7				*3.3	1.9	27'6"
		Rear dozer down	lb		*21.3	13.8		*13.2	7.2			4.4				*3.3	2.4	
		Rear stab down	lb		*21.3	17.8		*13.2	9.0			5.5				*3.3	3.0	
		2 sets stab down	lb	*21.3		*21.3	*13.2		*13.2			8.5				*3.3	*3.3	
		Dozer and stab down	lb	*21.3		*21.3	*13.2		11.6			7.0				*3.3	*3.3	
-10.0 ft		Rear dozer up	lb	21.6		11.4	10.1		5.7	6.1		3.5				*3.9	2.4	25'0"
		Rear dozer down	lb		*22.0	13.8		*13.0	6.8			4.1				*3.9	2.8	
		Rear stab down	lb		*22.0	17.6		*13.0	8.5			5.2				*3.9	3.7	
		2 sets stab down	lb	*22.0		*22.0	*13.0		*13.0			6.6				*3.9	*3.9	
		Dozer and stab down	lb	*22.0		*22.0	*13.0		11.2			6.6				*3.9	*3.9	

* 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.

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

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

• Lifting values are without bucket or coupler installed.



Load Point
Height



Load Radius
Over Front



Load Radius
Over Rear



Load Radius
Over Side



Load at
Maximum Reach

M313C Wheel Excavator

Lift Capacities with one-piece boom – 4.815 m (15'10")

Metric Units/all weights are in metric tons

Stick 2.0 m (6'6")		Undercarriage configuration	3.0 m			4.5 m			6.0 m					
														
4.5 m		Rear dozer up	t			*4.4		3.2	3.2		2.0			
		Rear dozer down	t			*4.4	*4.4	3.7	*3.8		2.3			
		Rear stab down	t				*4.4	*4.4	*3.8		2.8			
		2 sets stab down	t			*4.4		*4.4			*3.8			
		Dozer and stab down	t			*4.4		*4.4	*3.8		3.5			
3.0 m		Rear dozer up	t			4.9		3.0	3.1	1.9	*1.9		1.3	7.58 m
		Rear dozer down	t				*5.3	3.5	*4.1	2.2		*1.9	1.5	
		Rear stab down	t				*5.3	4.3		2.7			*1.9	
		2 sets stab down	t			*5.3		*5.3	*4.1	*4.1	*1.9		*1.9	
		Dozer and stab down	t			*5.3		*5.3	*4.1		*1.9		*1.9	
1.5 m		Rear dozer up	t			4.7		2.8	3.0	1.8	*2.0		1.2	7.70 m
		Rear dozer down	t				*6.0	3.2	*4.4	2.1		*2.0	1.5	
		Rear stab down	t				*6.0	4.0		2.6			1.8	
		2 sets stab down	t			*6.0		*6.0	*4.4	4.0	*2.0		*2.0	
		Dozer and stab down	t			*6.0		5.1	*4.4	3.3	*2.0		*2.0	
Ground		Rear dozer up	t			4.6		2.6	3.0	1.8	*2.1		1.3	7.47 m
		Rear dozer down	t				*6.1	3.1	*4.4	2.1		*2.1	1.5	
		Rear stab down	t				*6.1	3.9		2.6			1.9	
		2 sets stab down	t			*6.1		*6.1	*4.4	3.9	*2.1		*2.1	
		Dozer and stab down	t			*6.1		5.0	*4.4	3.2	*2.1		*2.1	
-1.5 m		Rear dozer up	t	*7.3		4.5		2.6	2.9	1.7	2.5		1.5	6.87 m
		Rear dozer down	t		*7.3		*5.6	3.1	*3.9	2.1		*2.5	1.7	
		Rear stab down	t		*7.3		*5.6	3.9		2.5			2.1	
		2 sets stab down	t	*7.3		*5.6		*5.6	*3.9	*3.9	*2.5		*2.5	
		Dozer and stab down	t	*7.3		*5.6		5.0	*3.9	3.2	*2.5		*2.5	
-3.0 m		Rear dozer up	t	*5.6		4.1		2.7			*2.5		1.9	5.74 m
		Rear dozer down	t		*5.6		*4.1	3.2				*2.5	2.3	
		Rear stab down	t		*5.6		*4.1	3.9					*2.5	
		2 sets stab down	t	*5.6		*4.1		*4.1			*2.5		*2.5	
		Dozer and stab down	t	*5.6		*4.1		*4.1			*2.5		*2.5	

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

Stick
2.0 m (6'6")

Stick 2.0 m (6'6")		Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft					
														
15.0 ft		Rear dozer up	lb			*9.7		7.0	7.0		4.4			
		Rear dozer down	lb				*9.7	8.1	*8.3	5.0				
		Rear stab down	lb				*9.7	*9.7	*8.3	6.2				
		2 sets stab down	lb			*9.7		*9.7		*8.3				
		Dozer and stab down	lb			*9.7		*9.7	*8.3	7.7				
10.0 ft		Rear dozer up	lb			10.8		6.6	6.8	4.1	*4.1		2.8	24'10"
		Rear dozer down	lb				*11.6	7.7	*9.0	4.8		*4.1	3.3	
		Rear stab down	lb				*11.6	9.4		5.9			*4.1	
		2 sets stab down	lb			*11.6		*11.6	*9.0	*9.0	*4.1		*4.1	
		Dozer and stab down	lb			*11.6		*11.6	*9.0	7.4	*4.1		*4.1	
5.0 ft		Rear dozer up	lb			10.3		6.1	6.6	3.9	*4.4		2.6	25'2"
		Rear dozer down	lb				*13.2	7.0	*9.7	4.6		*4.4	3.3	
		Rear stab down	lb				*13.2	8.8		5.7			3.9	
		2 sets stab down	lb			*13.2		*13.2	*9.7	8.8	*4.4		*4.4	
		Dozer and stab down	lb			*13.2		11.2	*9.7	7.2	*4.4		*4.4	
Ground		Rear dozer up	lb			10.1		5.7	6.6	3.9	*4.6		2.8	24'6"
		Rear dozer down	lb				*13.4	6.8	*9.7	4.6		*4.6	3.3	
		Rear stab down	lb				*13.4	8.5		5.7			4.1	
		2 sets stab down	lb			*13.4		*13.4	*9.7	8.5	*4.6		*4.6	
		Dozer and stab down	lb			*13.4		11.0	*9.7	7.0	*4.6		*4.6	
-5.0 ft		Rear dozer up	lb	*16.0		9.9		5.7	6.3	5.5	5.5		3.3	22'6"
		Rear dozer down	lb		*16.0		*12.3	6.8		4.7		*5.5	3.7	
		Rear stab down	lb		*16.0			8.5		5.5			4.6	
		2 sets stab down	lb	*16.0		*12.3		*12.3	*8.5	*8.5	*5.5		*5.5	
		Dozer and stab down	lb	*16.0		*12.3		11.0	*8.5	7.0	*5.5		*5.5	
-10.0 ft		Rear dozer up	lb	*12.3		*9.0		5.9			*5.5		4.1	18'10"
		Rear dozer down	lb		*12.3		*9.0	7.0				*5.5	5.0	
		Rear stab down	lb		*12.3			8.5					*5.5	
		2 sets stab down	lb	*12.3		*9.0		*9.0			*5.5		*5.5	
		Dozer and stab down	lb	*12.3		*9.0		*9.0			*5.5		*5.5	

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- Contact your Caterpillar dealer representative, for Heavy Counter Weight lifting capabilities.
- Contact your Caterpillar dealer representative, for Offset Boom lifting capabilities.
- Lifting values are without bucket or coupler installed.

M313C Wheel Excavator

Lift Capacities with one-piece boom – 4.815 m (15'10")

Metric Units/all weights are in metric tons

Stick 2.3 m (7'7")		Undercarriage configuration	3.0 m			4.5 m			6.0 m					
														
6.0 m		Rear dozer up	t						*2.3		1.9			
		Rear dozer down	t							*2.3	2.2			
		Rear stab down	t							*2.3	*2.3			
		2 sets stab down	t						*2.3		*2.3			
		Dozer and stab down	t						*2.3		*2.3			
4.5 m		Rear dozer up	t						3.1		1.9			
		Rear dozer down	t							*3.5	2.2			
		Rear stab down	t							*3.5	2.7			
		2 sets stab down	t						*3.5		*3.5			
		Dozer and stab down	t						*3.5		3.4			
3.0 m		Rear dozer up	t				4.9	2.9	3.0		1.8	*1.3	1.1	8.04 m
		Rear dozer down	t				*4.9	3.4		*3.8	2.1	*1.3	*1.3	
		Rear stab down	t					4.2		*3.8	2.6		*1.3	
		2 sets stab down	t			*4.9		*4.9	*3.8		*3.8	*1.3	*1.3	
		Dozer and stab down	t			*4.9		*4.9	*3.8		3.3	*1.3	*1.3	
1.5 m		Rear dozer up	t				4.6	2.7	2.9		1.7	*1.3	1.0	8.30 m
		Rear dozer down	t				*5.7	3.2		*4.2	2.0	*1.3	1.2	
		Rear stab down	t				*5.7	3.9		*4.2	2.5	*1.3	*1.3	
		2 sets stab down	t			*5.7		*5.7	*4.2		3.9	*1.3	*1.3	
		Dozer and stab down	t			*5.7		5.1	*4.2		3.2	*1.3	*1.3	
Ground		Rear dozer up	t	*3.9		*3.9	4.4	2.5	2.8		1.6	*1.4	1.0	8.22 m
		Rear dozer down	t		*3.9	*3.9		3.0		*4.3	1.9		1.2	
		Rear stab down	t		*3.9	*3.9		3.8		4.3	2.4	*1.4	*1.4	
		2 sets stab down	t	*3.9		*3.9	*6.0	*6.0	*4.3		3.8	*1.4	*1.4	
		Dozer and stab down	t	*3.9		*3.9	*6.0	4.9	*4.3		3.1	*1.4	*1.4	
-1.5 m		Rear dozer up	t	*7.1		4.6	4.4	2.5	2.8		1.6	*1.6	1.1	7.81 m
		Rear dozer down	t		*7.1	5.6		3.0		*3.9	1.9	*1.6	1.3	
		Rear stab down	t		*7.1	*7.1		3.7		*3.9	2.4		1.6	
		2 sets stab down	t	*7.1		*7.1	*5.6	*5.6	*3.9		3.8	*1.6	*1.6	
		Dozer and stab down	t	*7.1		*7.1	*5.6	4.8	*3.9		3.1	*1.6	*1.6	
-3.0 m		Rear dozer up	t	*6.1		4.8	*4.3	2.5			*2.0		1.3	6.98 m
		Rear dozer down	t		*6.1	5.8		3.0				*2.0	1.6	
		Rear stab down	t		*6.1	*6.1		3.8				*2.0	2.0	
		2 sets stab down	t	*6.1		*6.1	*4.3	*4.3				*2.0	*2.0	
		Dozer and stab down	t	*6.1		*6.1	*4.3	*4.3				*2.0	*2.0	

Stick 2.6 m (8'6")

	Undercarriage configuration		3.0 m			4.5 m			6.0 m			7.5 m					
																	
6.0 m	Rear dozer up	t							*2.7		1.9						
	Rear dozer down	t								*2.7	2.2						
	Rear stab down	t								*2.7	*2.7						
	2 sets stab down	t							*2.7		*2.7						
	Dozer and stab down	t							*2.7		*2.7						
4.5 m	Rear dozer up	t							3.1		1.9						
	Rear dozer down	t								*3.3	2.2						
	Rear stab down	t								*3.3	2.7						
	2 sets stab down	t							*3.3		*3.3						
	Dozer and stab down	t							*3.3		*3.3						
3.0 m	Rear dozer up	t	*7.1		5.6	*4.7		2.9	3.0	1.8	2.1	1.2	*1.1		1.0	8.34 m	
	Rear dozer down	t		*7.1	6.7		*4.7	3.4		*3.7	2.1	1.4		*1.1	*1.1		
	Rear stab down	t			*7.1		*4.7	4.2		*3.7	2.6	1.8			*1.1		
	2 sets stab down	t	*7.1		*7.1	*4.7		*4.7	*3.7	*3.7	*2.3	*2.3	*1.1		*1.1		
	Dozer and stab down	t	*7.1		*7.1	*4.7		*4.7	*3.7	3.3	*2.3	2.3	*1.1		*1.1		
1.5 m	Rear dozer up	t				4.6		2.7	2.9	1.7	2.0	1.1	*1.2		0.9	8.58 m	
	Rear dozer down	t					*5.6	3.2		*4.1	2.0	1.4		*1.2	1.1		
	Rear stab down	t					*5.6	3.9		*4.1	2.5	1.7		*1.2	*1.2		
	2 sets stab down	t				*5.6		*5.6	*4.1	3.9	*2.9	2.7	*1.2		*1.2		
	Dozer and stab down	t				*5.6		5.1	*4.1	3.2	*2.9	2.2	*1.2		*1.2		
Ground	Rear dozer up	t	*4.1		*4.1	4.4		2.5	2.8	1.6	2.0	1.1	*1.3		0.9	8.51 m	
	Rear dozer down	t		*4.1	*4.1		*6.0	3.0		*4.2	1.9	1.3		*1.3	1.1		
	Rear stab down	t			*4.1		*6.0	3.8		*4.2	2.4	1.7		*1.3	*1.3		
	2 sets stab down	t	*4.1		*4.1	*6.0		*6.0	*4.2		3.8	*2.4	*1.3		*1.3		
	Dozer and stab down	t	*4.1		*4.1	*6.0		4.9	*4.2	3.1	*2.4	2.2	*1.3		*1.3		
-1.5 m	Rear dozer up	t	*6.7		4.6	4.4		2.4	2.8	1.6			*1.4		1.0	8.11 m	
	Rear dozer down	t		*6.7	5.6		*5.7	2.9		*4.0	1.9			*1.4	1.2		
	Rear stab down	t			*6.7		*5.7	3.7		*4.0	2.4			*1.4	*1.4		
	2 sets stab down	t	*6.7		*6.7	*5.7		*5.7	*4.0		3.8		*1.4		*1.4		
	Dozer and stab down	t	*6.7		*6.7	*5.7		4.8	*4.0		3.1		*1.4		*1.4		
-3.0 m	Rear dozer up	t	*6.7		4.7	4.4		2.5	2.8	1.6			*1.8		1.2	7.32 m	
	Rear dozer down	t		*6.7	5.7		*4.6	3.0		*2.9	1.9			*1.8	1.4		
	Rear stab down	t			*6.7		*4.6	3.7		*2.9	2.4			*1.8	*1.8		
	2 sets stab down	t	*6.7		*6.7	*4.6		*4.6	*2.9		*2.9		*1.8		*1.8		
	Dozer and stab down	t	*6.7		*6.7	*4.6		*4.6	*2.9		*2.9		*1.8		*1.8		

* 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.

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

• Lifting values are without bucket or coupler installed.

M313C Wheel Excavator

Lift Capacities with one-piece boom – 4.815 m (15'10")

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

Stick 2.3 m (7'7")		Undercarriage configuration		10.0 ft			15.0 ft			20.0 ft						
																
20.0 ft		Rear dozer up	lb							*5.0		4.1				
		Rear dozer down	lb								*5.0	4.8				
		Rear stab down	lb								*5.0	*5.0				
		2 sets stab down	lb								*5.0	*5.0				
		Dozer and stab down	lb								*5.0	*5.0				
15.0 ft		Rear dozer up	lb							6.8		4.1				
		Rear dozer down	lb								*7.7	4.8				
		Rear stab down	lb								*7.7	5.9				
		2 sets stab down	lb								*7.7	*7.7				
		Dozer and stab down	lb								*7.7	7.4				
10.0 ft		Rear dozer up	lb				10.8		6.3	6.6		3.9	*2.8		2.4	26'4"
		Rear dozer down	lb				*10.8		7.4		*8.3	4.6		*2.8	*2.8	
		Rear stab down	lb						9.2		*8.3	5.7			*2.8	
		2 sets stab down	lb				*10.8		*10.8	*8.3		*8.3	*2.8		*2.8	
		Dozer and stab down	lb				*10.8		*10.8	*8.3		7.2	*2.8		*2.8	
5.0 ft		Rear dozer up	lb				10.1		5.9	6.3		3.7	*2.8		2.2	27'2"
		Rear dozer down	lb				*12.5		7.0		*9.2	4.4		*2.8	2.6	
		Rear stab down	lb						8.5		*9.2	5.5		*2.8	*2.8	
		2 sets stab down	lb				*12.5		*12.5	*9.2		8.5	*2.8		*2.8	
		Dozer and stab down	lb				*12.5		11.2	*9.2		7.0	*2.8		*2.8	
Ground		Rear dozer up	lb	*8.5		*8.5	9.7		5.5	6.1		3.5	*3.0		2.2	26'11"
		Rear dozer down	lb		*8.5	*8.5		*13.2	6.6		*9.4	4.1		*3.0	2.6	
		Rear stab down	lb			*8.5		*13.2	8.3			5.2			*3.0	
		2 sets stab down	lb	*8.5		*8.5	*13.2		*13.2	*9.4		8.3	*3.0		*3.0	
		Dozer and stab down	lb	*8.5		*8.5	*13.2		10.8	*9.4		6.8	*3.0		*3.0	
-5.0 ft		Rear dozer up	lb	*15.6			9.7		5.5	6.1		3.5	*3.5		2.4	25'7"
		Rear dozer down	lb		*15.6	12.3		*12.3	6.6		*8.5	4.1		*3.5	2.8	
		Rear stab down	lb			*15.6			8.1			5.2			3.5	
		2 sets stab down	lb	*15.6		*15.6	*12.3		*12.3	*8.5		8.3	*3.5		*3.5	
		Dozer and stab down	lb	*15.6		*15.6	*12.3		10.5	*8.5		6.8	*3.5		*3.5	
-10.0 ft		Rear dozer up	lb	*13.4		10.5	*9.4		5.5				*4.4		2.8	22'10"
		Rear dozer down	lb		*13.4	12.7		*9.4	6.6					*4.4	3.5	
		Rear stab down	lb			*13.4			8.3						4.4	
		2 sets stab down	lb	*13.4		*13.4	*9.4		*9.4						*4.4	
		Dozer and stab down	lb	*13.4		*13.4	*9.4		*9.4				*4.4		*4.4	

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							*5.9		4.1							
	Rear dozer down	lb								*5.9	4.8							
	Rear stab down	lb								*5.9	*5.9							
	2 sets stab down	lb							*5.9	*5.9								
	Dozer and stab down	lb							*5.9	*5.9								
15.0 ft	Rear dozer up	lb							6.8		4.1							
	Rear dozer down	lb								*7.2	4.8							
	Rear stab down	lb								*7.2	5.9							
	2 sets stab down	lb							*7.2	*7.2								
	Dozer and stab down	lb							*7.2	*7.2								
10.0 ft	Rear dozer up	lb	*15.6		12.3	*10.3		6.3	6.6		3.9	4.6	4.6	2.6	*2.4	2.2	27'4"	
	Rear dozer down	lb		*15.6	14.7		*10.3	7.4		*8.1	4.6		*5.0	3.0	*2.4	*2.4		
	Rear stab down	lb			*15.6		*10.3	9.2			5.7		*5.0	3.9		*2.4		
	2 sets stab down	lb	*15.6		*15.6	*10.3		*10.3	*8.1		*8.1	*5.0	*5.0	*5.0	*2.4	*2.4		
	Dozer and stab down	lb	*15.6		*15.6	*10.3		*10.3	*8.1		7.2	*5.0	5.0	*2.4	*2.4	*2.4		
5.0 ft	Rear dozer up	lb				10.1		5.9	6.3		3.7	4.4		2.4	*2.6	1.9	28'1"	
	Rear dozer down	lb					*12.3	7.0		*9.0	4.4		*6.3	3.0	*2.6	2.4		
	Rear stab down	lb					*12.3	8.5			5.5		*6.3	3.7	*2.6	*2.6		
	2 sets stab down	lb				*12.3		*9.0			8.5	*6.3	5.9	*2.6		*2.6		
	Dozer and stab down	lb				*12.3		11.2	*9.0		7.0	*6.3	4.8	*2.6	*2.6	*2.6		
Ground	Rear dozer up	lb	*9.0		*9.0	9.7		5.5	6.1		3.5	4.4		2.4	*2.8	1.9	27'11"	
	Rear dozer down	lb		*9.0	*9.0		*13.2	6.6		*9.2	4.1		*5.2	2.8	*2.8	2.4		
	Rear stab down	lb			*9.0		*13.2	8.3		*9.2	5.2		*5.2	3.7	*2.8	*2.8		
	2 sets stab down	lb	*9.0		*9.0	*13.2		*13.2	*9.2		8.3	*5.2	*5.2	*5.2	*2.8	*2.8		
	Dozer and stab down	lb	*9.0		*9.0	*13.2		10.8	*9.2		6.8	*5.2	4.8	*2.8	*2.8	*2.8		
-5.0 ft	Rear dozer up	lb	*14.7		10.1	9.7		5.2	6.1		3.5				*3.0	2.2	26'7"	
	Rear dozer down	lb		*14.7	12.3		*12.5	6.3		*8.8	4.1				*3.0	2.6		
	Rear stab down	lb			*14.7		*12.5	8.1			5.2				*3.0	*3.0		
	2 sets stab down	lb	*14.7		*14.7	*12.5		*12.5	*8.8		8.3				*3.0	*3.0		
	Dozer and stab down	lb	*14.7		*14.7	*12.5		10.5	*8.8		6.8				*3.0	*3.0		
-10.0 ft	Rear dozer up	lb	*14.7		10.3	9.7		5.5	6.1		3.5				*3.9	2.6	24'0"	
	Rear dozer down	lb		*14.7	12.5		*10.1	6.6		*6.3	4.1				*3.9	3.0		
	Rear stab down	lb			*14.7			8.1			5.2				*3.9	*3.9		
	2 sets stab down	lb	*14.7		*14.7	*10.1		*10.1	*6.3		*6.3				*3.9	*3.9		
	Dozer and stab down	lb	*14.7		*14.7	*10.1		*10.1	*6.3		*6.3				*3.9	*3.9		

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