

# M314F

Wheeled Excavator



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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.

Short Stick 2000 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height															
						3000 mm			4500 mm			6000 mm						mm		
																				
7500 mm	Lower rear dozer up																	*4400	4100	3700
	Lower rear dozer down																	*4400	*4400	4150
	Lower f. dozer & r. stabilizer down																	*4400	*4400	*4400
	Lower 2 sets of stabilizers down																	*4400	*4400	*4400
6000 mm	Lower rear dozer up																	*4900	3750	3400
	Lower rear dozer down																	*4900	*4900	3850
	Lower f. dozer & r. stabilizer down																	*4900	*4900	*4900
	Lower 2 sets of stabilizers down																	*4900	*4900	*4900
4500 mm	Lower rear dozer up																	5350	3600	3250
	Lower rear dozer down																	5350	*5350	3650
	Lower f. dozer & r. stabilizer down																	*5350	*5350	*5350
	Lower 2 sets of stabilizers down																	*5350	*5350	*5350
3000 mm	Lower rear dozer up																	5050	3300	3000
	Lower rear dozer down																	5050	*6150	3400
	Lower f. dozer & r. stabilizer down																	*6150	*6150	5500
	Lower 2 sets of stabilizers down																	*6150	*6150	*6150
1500 mm	Lower rear dozer up																	4800	3050	2750
	Lower rear dozer down																	4750	*6650	3150
	Lower f. dozer & r. stabilizer down																	*6650	*6650	5200
	Lower 2 sets of stabilizers down																	*6650	*6650	6500
0 mm	Lower rear dozer up																	4650	2950	2650
	Lower rear dozer down																	4650	*6400	3050
	Lower f. dozer & r. stabilizer down																	*6400	*6400	5100
	Lower 2 sets of stabilizers down																	*6400	*6400	6350
-1500 mm	Lower rear dozer up																	*6650	5600	4850
	Lower rear dozer down																	*6650	*6650	5650
	Lower f. dozer & r. stabilizer down																	*6650	*6650	*6650
	Lower 2 sets of stabilizers down																	*6650	*6650	*6650

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.

Medium Stick 2300 mm	Load at maximum reach (stick nose/bucket pin)	Load over front			Load over rear			Load over side			Load point height			mm			
		3000 mm			4500 mm			6000 mm			7500 mm						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side				
7500 mm	Lower rear dozer up				*3950	3750	3400							*3450	*3450	3200	4640
	Lower rear dozer down				*3950	*3950	3800							*3450	*3450	*3450	
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950							*3450	*3450	*3450	
	Lower 2 sets of stabilizers down				*3950	*3950	*3950							*3450	*3450	*3450	
6000 mm	Lower rear dozer up				*4550	3800	3450	3400	2300	2100				*2900	2200	2000	6130
	Lower rear dozer down				*4550	*4550	3900	3400	*3450	2350				*2900	*2900	2250	
	Lower f. dozer & r. stabilizer down				*4550	*4550	*4550	*3450	*3450	*3450				*2900	*2900	*2900	
	Lower 2 sets of stabilizers down				*4550	*4550	*4550	*3450	*3450	*3450				*2900	*2900	*2900	
4500 mm	Lower rear dozer up				*5150	3650	3300	3400	2300	2100				2650	1750	1600	6980
	Lower rear dozer down				*5150	*5150	3700	3400	*4300	2350				2600	*2700	1800	
	Lower f. dozer & r. stabilizer down				*5150	*5150	*5150	*4300	*4300	3650				*2700	*2700	*2700	
	Lower 2 sets of stabilizers down				*5150	*5150	*5150	*4300	*4300	*4300				*2700	*2700	*2700	
3000 mm	Lower rear dozer up				5100	3350	3050	3300	2200	2000				2350	1550	1400	7420
	Lower rear dozer down				5100	*5950	3450	3250	*4550	2250				2350	*2700	1600	
	Lower f. dozer & r. stabilizer down				*5950	*5950	5550	*4550	*4550	3550				*2700	*2700	2550	
	Lower 2 sets of stabilizers down				*5950	*5950	*5950	*4550	*4550	4300				*2700	*2700	*2700	
1500 mm	Lower rear dozer up				4800	3100	2750	3150	2050	1850	2250	1450	1350	2250	1450	1300	7520
	Lower rear dozer down				4800	*6550	3150	3150	*4800	2100	2250	*3050	1500	2250	*2800	1500	
	Lower f. dozer & r. stabilizer down				*6550	*6550	5250	*4800	*4800	3400	*3050	*3050	2450	*2800	*2800	2450	
	Lower 2 sets of stabilizers down				*6550	*6550	6500	*4800	*4800	4150	*3050	*3050	3000	*2800	*2800	*2800	
0 mm	Lower rear dozer up				4650	2950	2650	3050	2000	1800				2300	1500	1350	7320
	Lower rear dozer down				4650	*6500	3050	3050	*4700	2050				2300	*3100	1550	
	Lower f. dozer & r. stabilizer down				*6500	*6500	5100	*4700	*4700	3350				*3100	*3100	2500	
	Lower 2 sets of stabilizers down				*6500	*6500	6350	*4700	*4700	4100				*3100	*3100	3050	
-1500 mm	Lower rear dozer up	*6750	5500	4800	4600	2950	2600	3050	1950	1750				2600	1700	1500	6760
	Lower rear dozer down	*6750	*6750	5600	4600	*5700	3000	3000	*4100	2000				2600	*3200	1750	
	Lower f. dozer & r. stabilizer down	*6750	*6750	*6750	*5700	*5700	5050	*4100	*4100	3300				*3200	*3200	2800	
	Lower 2 sets of stabilizers down	*6750	*6750	*6750	*5700	*5700	*5700	*4100	*4100	4050				*3200	*3200	*3200	
-3000 mm	Lower rear dozer up				*4000	3000	2700										
	Lower rear dozer down				*4000	*4000	3050										
	Lower f. dozer & r. stabilizer down				*4000	*4000	*4000										
	Lower 2 sets of stabilizers down				*4000	*4000	*4000										

\*Limited by hydraulic rather than tipping load.



















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.

Long Stick 2600 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height														mm
						3000 mm			4500 mm			6000 mm			7500 mm				
																			
7500 mm	Lower rear dozer up				*3950	3850	3450							*2900	*2900	2750	5110		
	Lower rear dozer down				*3950	*3950	3900							*2900	*2900	*2900			
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950							*2900	*2900	*2900			
	Lower 2 sets of stabilizers down				*3950	*3950	*3950							*2900	*2900	*2900			
6000 mm	Lower rear dozer up				*3950	3850	3500	3450	2350	2150				*2500	2000	1850	6490		
	Lower rear dozer down				*3950	*3950	3900	3450	*3600	2400				*2500	*2500	2050			
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950	*3600	*3600	*3600				*2500	*2500	*2500			
	Lower 2 sets of stabilizers down				*3950	*3950	*3950	*3600	*3600	*3600				*2500	*2500	*2500			
4500 mm	Lower rear dozer up				*4450	3700	3350	3400	2300	2100				*2350	1600	1450	7290		
	Lower rear dozer down				*4450	*4450	3750	3400	*4100	2350				*2350	*2350	1650			
	Lower f. dozer & r. stabilizer down				*4450	*4450	*4450	*4100	*4100	3700				*2350	*2350	*2350			
	Lower 2 sets of stabilizers down				*4450	*4450	*4450	*4100	*4100	*4100				*2350	*2350	*2350			
3000 mm	Lower rear dozer up				5150	3400	3050	3300	2200	2000	2300	1500	1350	2200	1450	1300	7710		
	Lower rear dozer down				5100	*5750	3450	3250	*4450	2250	2300	*3300	1550	2200	*2300	1450			
	Lower f. dozer & r. stabilizer down				*5750	*5750	5600	*4450	*4450	3550	*3300	*3300	2500	*2300	*2300	*2300			
	Lower 2 sets of stabilizers down				*5750	*5750	*5750	*4450	*4450	4300	*3300	*3300	3000	*2300	*2300	*2300			
1500 mm	Lower rear dozer up				4800	3100	2750	3150	2050	1850	2250	1450	1300	2100	1350	1200	7810		
	Lower rear dozer down				4800	*6450	3150	3100	*4700	2100	2250	3450	1500	2100	*2400	1400			
	Lower f. dozer & r. stabilizer down				*6450	*6450	5250	*4700	*4700	3400	*3700	3600	2450	*2400	*2400	2300			
	Lower 2 sets of stabilizers down				*6450	*6450	*6450	*4700	*4700	4150	*3700	*3700	2950	*2400	*2400	*2400			
0 mm	Lower rear dozer up				4600	2900	2600	3050	1950	1750	2200	1400	1300	2150	1400	1250	7610		
	Lower rear dozer down				4600	*6500	3000	3000	*4700	2000	2200	3400	1450	2150	*2650	1450			
	Lower f. dozer & r. stabilizer down				*6500	*6500	5050	*4700	*4700	3300	*3450	*3450	2400	*2650	*2650	2350			
	Lower 2 sets of stabilizers down				*6500	*6500	6300	*4700	*4700	4050	*3450	*3450	2950	*2650	*2650	*2650			
-1500 mm	Lower rear dozer up	*6350	5400	4700	4550	2900	2550	3000	1900	1700				2400	1550	1400	7080		
	Lower rear dozer down	*6350	*6350	5500	4550	*5850	2950	3000	*4250	1950				2400	*3100	1600			
	Lower f. dozer & r. stabilizer down	*6350	*6350	*6350	*5850	*5850	5000	*4250	*4250	3250				*3100	*3100	2600			
	Lower 2 sets of stabilizers down	*6350	*6350	*6350	*5850	*5850	*5850	*4250	*4250	4000				*3100	*3100	*3100			
-3000 mm	Lower rear dozer up				*4400	2950	2600	*2800	2000	1800									
	Lower rear dozer down				*4400	*4400	3000	*2800	*2800	2050									
	Lower f. dozer & r. stabilizer down				*4400	*4400	*4400	*2800	*2800	*2800									
	Lower 2 sets of stabilizers down				*4400	*4400	*4400	*2800	*2800	*2800									

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, work tool: none, with counterweight (2800 kg), heavy lift on.



Load at maximum reach (stick nose/bucket pin)



Load over front



Load over rear

Load over side



Load point height

**Industrial Stick**  
2900 mm

Stick mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm			
		Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load point height	Load point height	Load point height	
7500 mm	Lower rear dozer up				*4200	4100	3750							*3500	3150	2900	5250
	Lower rear dozer down				*4200	*4200	4150							*3500	*3500	3250	
	Lower f. dozer & r. stabilizer down				*4200	*4200	*4200							*3500	*3500	*3500	
	Lower 2 sets of stabilizers down				*4200	*4200	*4200							*3500	*3500	*3500	
6000 mm	Lower rear dozer up				*4100	4100	3750	3700	2600	2400				*3150	2200	2050	6600
	Lower rear dozer down				*4100	*4100	*4100	3700	*3950	2650				3150	*3150	2250	
	Lower f. dozer & r. stabilizer down				*4100	*4100	*4100	*3950	*3950	*3950				*3150	*3150	*3150	
	Lower 2 sets of stabilizers down				*4100	*4100	*4100	*3950	*3950	*3950				*3150	*3150	*3150	
4500 mm	Lower rear dozer up				*4600	3950	3600	3650	2550	2350				2650	1800	1650	7390
	Lower rear dozer down				*4600	*4600	4000	3650	*4200	2600				2600	*3100	1850	
	Lower f. dozer & r. stabilizer down				*4600	*4600	*4600	*4200	*4200	3900				*3100	*3100	2850	
	Lower 2 sets of stabilizers down				*4600	*4600	*4600	*4200	*4200	*4200				*3100	*3100	*3100	
3000 mm	Lower rear dozer up				5450	3700	3350	3550	2450	2250	2550	1750	1600	2400	1650	1500	7800
	Lower rear dozer down				5400	*5800	3750	3500	*4600	2500	2500	3750	1800	2350	*3150	1700	
	Lower f. dozer & r. stabilizer down				*5800	*5800	*5800	*4600	*4600	3800	*3800	*3800	2750	*3150	*3150	2550	
	Lower 2 sets of stabilizers down				*5800	*5800	*5800	*4600	*4600	4550	*3800	*3800	3250	*3150	*3150	3050	
1500 mm	Lower rear dozer up				5150	3400	3100	3400	2300	2100	2500	1700	1550	2300	1550	1450	7900
	Lower rear dozer down				5100	*6650	3500	3400	*4900	2350	2450	3700	1750	2300	*3400	1600	
	Lower f. dozer & r. stabilizer down				*6650	*6650	5550	*4900	*4900	3650	*3950	3850	2650	*3400	*3400	2500	
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*4900	*4900	4400	*3950	*3950	3200	*3400	*3400	2950	
0 mm	Lower rear dozer up				4950	3200	2900	3300	2200	2000	2450	1650	1500	2350	1600	1450	7710
	Lower rear dozer down				4900	*6850	3300	3250	*5000	2250	2400	3650	1700	2350	3500	1650	
	Lower f. dozer & r. stabilizer down				*6850	*6850	5350	*5000	*5000	3550	*3850	3800	2600	*3650	3650	2550	
	Lower 2 sets of stabilizers down				*6850	*6850	6650	*5000	*5000	4300	*3850	*3850	3150	*3650	*3650	3050	
-1500 mm	Lower rear dozer up	*7400	5750	5050	4850	3150	2850	3250	2150	1950				2550	1700	1550	7180
	Lower rear dozer down	*7400	*7400	5850	4850	*6350	3250	3200	*4650	2200				2550	*3550	1750	
	Lower f. dozer & r. stabilizer down	*7400	*7400	*7400	*6350	*6350	5300	*4650	*4650	3500				*3550	*3550	2750	
	Lower 2 sets of stabilizers down	*7400	*7400	*7400	*6350	*6350	*6350	*4650	*4650	4250				*3550	*3550	3300	
-3000 mm	Lower rear dozer up	*6800	5850	5100	4900	3200	2850	3250	2200	2000				3100	2100	1900	6250
	Lower rear dozer down	*6800	*6800	5950	4850	*5100	3250	3250	*3550	2250				3100	*3250	2150	
	Lower f. dozer & r. stabilizer down	*6800	*6800	*6800	*5100	*5100	*5100	*3550	*3550	3550				*3250	*3250	*3250	
	Lower 2 sets of stabilizers down	*6800	*6800	*6800	*5100	*5100	*5100	*3550	*3550	*3550				*3250	*3250	*3250	

\*Limited by hydraulic rather than tipping load.




















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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

Short Stick 2000 mm	 Undercarriage configuration	 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height		
		3000 mm			4500 mm			6000 mm			 mm					
														mm		
7500 mm	Lower rear dozer up												*4400	*4400	4000	
	Lower rear dozer down												*4400	*4400	*4400	
	Lower f. dozer & r. stabilizer down												*4400	*4400	*4400	
	Lower 2 sets of stabilizers down												*4400	*4400	*4400	
6000 mm	Lower rear dozer up				*4900	4100	3700						*3500	2600	2400	
	Lower rear dozer down				*4900	*4900	4150						*3500	*3500	2700	
	Lower f. dozer & r. stabilizer down				*4900	*4900	*4900						*3500	*3500	*3500	
	Lower 2 sets of stabilizers down				*4900	*4900	*4900						*3500	*3500	*3500	
4500 mm	Lower rear dozer up				*5350	3900	3550	3650	2500	2250	3000	2050	1850			
	Lower rear dozer down				*5350	*5350	4000	3600	*4400	2550	3000	*3200	2100			
	Lower f. dozer & r. stabilizer down				*5350	*5350	*5350	*4400	*4400	3900	*3200	*3200	*3200			
	Lower 2 sets of stabilizers down				*5350	*5350	*5350	*4400	*4400	*4400	*3200	*3200	*3200			
3000 mm	Lower rear dozer up				5450	3650	3300	3500	2400	2150	2650	1800	1650			
	Lower rear dozer down				5400	*6150	3700	3500	*4650	2450	2650	*3150	1850			
	Lower f. dozer & r. stabilizer down				*6150	*6150	5900	*4650	*4650	3800	*3150	*3150	2900			
	Lower 2 sets of stabilizers down				*6150	*6150	*6150	*4650	*4650	4600	*3150	*3150	*3150			
1500 mm	Lower rear dozer up				5150	3400	3050	3400	2300	2050	2550	1700	1550			
	Lower rear dozer down				5150	*6650	3450	3400	*4800	2350	2550	*3250	1750			
	Lower f. dozer & r. stabilizer down				*6650	*6650	5600	*4800	*4800	3700	*3250	*3250	2800			
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*4800	*4800	4450	*3250	*3250	*3250			
0 mm	Lower rear dozer up				5050	3250	2950	3300	2200	2000	2650	1750	1600			
	Lower rear dozer down				5000	*6400	3350	3300	*4650	2250	2650	*3550	1800			
	Lower f. dozer & r. stabilizer down				*6400	*6400	5500	*4650	*4650	3600	*3550	*3550	2900			
	Lower 2 sets of stabilizers down				*6400	*6400	*6400	*4650	*4650	4400	*3550	*3550	3500			
-1500 mm	Lower rear dozer up	*6650	6150	5350	5050	3250	2900	3300	2200	2000	3000	2000	1800			
	Lower rear dozer down	*6650	*6650	6200	5000	*5450	3350	3300	*3900	2250	3000	*3200	2050			
	Lower f. dozer & r. stabilizer down	*6650	*6650	*6650	*5450	*5450	*5450	*3900	*3900	3600	*3200	*3200	*3200			
	Lower 2 sets of stabilizers down	*6650	*6650	*6650	*5450	*5450	*5450	*3900	*3900	*3900	*3200	*3200	*3200			

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

		Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height		
Medium Stick 2300 mm		Undercarriage configuration												mm		
		3000 mm			4500 mm			6000 mm			7500 mm					
7500 mm	Lower rear dozer up				*3950	*3950	3700							*3450	*3450	*3450
	Lower rear dozer down				*3950	*3950	*3950							*3450	*3450	*3450
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950							*3450	*3450	*3450
	Lower 2 sets of stabilizers down				*3950	*3950	*3950							*3450	*3450	*3450
6000 mm	Lower rear dozer up				*4550	4150	3750	*3450	2550	2300				*2900	2450	2200
	Lower rear dozer down				*4550	*4550	4200	*3450	*3450	2600				*2900	*2900	2500
	Lower f. dozer & r. stabilizer down				*4550	*4550	*4550	*3450	*3450	*3450				*2900	*2900	*2900
	Lower 2 sets of stabilizers down				*4550	*4550	*4550	*3450	*3450	*3450				*2900	*2900	*2900
4500 mm	Lower rear dozer up				*5150	3950	3600	3650	2500	2300				*2700	1950	1750
	Lower rear dozer down				*5150	*5150	4050	3650	*4300	2550				*2700	*2700	2000
	Lower f. dozer & r. stabilizer down				*5150	*5150	*5150	*4300	*4300	3950				*2700	*2700	*2700
	Lower 2 sets of stabilizers down				*5150	*5150	*5150	*4300	*4300	*4300				*2700	*2700	*2700
3000 mm	Lower rear dozer up				5500	3700	3300	3550	2400	2200				2550	1700	1550
	Lower rear dozer down				5450	*5950	3750	3500	*4550	2450				2550	*2700	1750
	Lower f. dozer & r. stabilizer down				*5950	*5950	5950	*4550	*4550	3800				*2700	*2700	*2700
	Lower 2 sets of stabilizers down				*5950	*5950	*5950	*4550	*4550	*4550				*2700	*2700	*2700
1500 mm	Lower rear dozer up				5200	3400	3050	3400	2300	2050	2450	1650	1500	2450	1650	1500
	Lower rear dozer down				5150	*6550	3500	3400	*4800	2350	2450	*3050	1700	2450	*2800	1650
	Lower f. dozer & r. stabilizer down				*6550	*6550	5650	*4800	*4800	3700	*3050	*3050	2650	*2800	*2800	2650
	Lower 2 sets of stabilizers down				*6550	*6550	*6550	*4800	*4800	4450	*3050	*3050	*3050	*2800	*2800	*2800
0 mm	Lower rear dozer up				5050	3250	2900	3300	2200	2000				2500	1650	1500
	Lower rear dozer down				5000	*6500	3350	3300	*4700	2250				2500	*3100	1700
	Lower f. dozer & r. stabilizer down				*6500	*6500	5500	*4700	*4700	3600				*3100	*3100	2700
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4700	*4700	4350				*3100	*3100	*3100
-1500 mm	Lower rear dozer up	*6750	6050	5300	5000	3250	2900	3300	2200	1950				2800	1850	1700
	Lower rear dozer down	*6750	*6750	6150	5000	*5700	3300	3300	*4100	2250				2800	*3200	1900
	Lower f. dozer & r. stabilizer down	*6750	*6750	*6750	*5700	*5700	5450	*4100	*4100	3550				*3200	*3200	3050
	Lower 2 sets of stabilizers down	*6750	*6750	*6750	*5700	*5700	*5700	*4100	*4100	*4100				*3200	*3200	*3200
-3000 mm	Lower rear dozer up				*4000	3300	2950									
	Lower rear dozer down				*4000	*4000	3400									
	Lower f. dozer & r. stabilizer down				*4000	*4000	*4000									
	Lower 2 sets of stabilizers down				*4000	*4000	*4000									

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

Long Stick 2600 mm	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Undercarriage configuration												mm		
						3000 mm			4500 mm			6000 mm			7500 mm					
						Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side			
7500 mm	Lower rear dozer up				*3950	*3950	3750										*2900	*2900	*2900	5110
	Lower rear dozer down				*3950	*3950	*3950										*2900	*2900	*2900	
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950										*2900	*2900	*2900	
	Lower 2 sets of stabilizers down				*3950	*3950	*3950										*2900	*2900	*2900	
6000 mm	Lower rear dozer up				*3950	*3950	3800	*3600	2550	2350							*2500	2200	2000	6490
	Lower rear dozer down				*3950	*3950	*3950	*3600	*3600	2600							*2500	*2500	2250	
	Lower f. dozer & r. stabilizer down				*3950	*3950	*3950	*3600	*3600	*3600							*2500	*2500	*2500	
	Lower 2 sets of stabilizers down				*3950	*3950	*3950	*3600	*3600	*3600							*2500	*2500	*2500	
4500 mm	Lower rear dozer up				*4450	4000	3650	3650	2500	2300							*2350	1800	1650	7290
	Lower rear dozer down				*4450	*4450	4050	3650	*4100	2550							*2350	*2350	1850	
	Lower f. dozer & r. stabilizer down				*4450	*4450	*4450	*4100	*4100	3950							*2350	*2350	*2350	
	Lower 2 sets of stabilizers down				*4450	*4450	*4450	*4100	*4100	*4100							*2350	*2350	*2350	
3000 mm	Lower rear dozer up				5500	3700	3350	3550	2400	2200	2500	1650	1500				*2300	1600	1450	7710
	Lower rear dozer down				5500	*5750	3750	3500	*4450	2450	2500	*3300	1700				*2300	*2300	1650	
	Lower f. dozer & r. stabilizer down				*5750	*5750	*5750	*4450	*4450	3800	*3300	*3300	2700				*2300	*2300	*2300	
	Lower 2 sets of stabilizers down				*5750	*5750	*5750	*4450	*4450	*4450	*3300	*3300	3250				*2300	*2300	*2300	
1500 mm	Lower rear dozer up				5200	3400	3050	3400	2250	2050	2450	1600	1450				2300	1500	1350	7810
	Lower rear dozer down				5150	*6450	3500	3400	*4700	2300	2450	*3700	1650				2300	*2400	1550	
	Lower f. dozer & r. stabilizer down				*6450	*6450	5650	*4700	*4700	3650	*3700	*3700	2650				*2400	*2400	*2400	
	Lower 2 sets of stabilizers down				*6450	*6450	*6450	*4700	*4700	4450	*3700	*3700	3200				*2400	*2400	*2400	
0 mm	Lower rear dozer up				5000	3250	2900	3300	2150	1950	2400	1600	1450				2350	1550	1400	7610
	Lower rear dozer down				5000	*6500	3300	3300	*4700	2200	2400	*3450	1650				2350	*2650	1600	
	Lower f. dozer & r. stabilizer down				*6500	*6500	5450	*4700	*4700	3550	*3450	*3450	2600				*2650	*2650	2550	
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4700	*4700	4350	*3450	*3450	3150				*2650	*2650	*2650	
-1500 mm	Lower rear dozer up	*6350	5950	5200	4950	3200	2850	3250	2150	1900							2600	1700	1550	7080
	Lower rear dozer down	*6350	*6350	6050	4950	*5850	3250	3250	*4250	2200							2600	*3100	1750	
	Lower f. dozer & r. stabilizer down	*6350	*6350	*6350	*5850	*5850	5400	*4250	*4250	3550							*3100	*3100	2800	
	Lower 2 sets of stabilizers down	*6350	*6350	*6350	*5850	*5850	*5850	*4250	*4250	*4250							*3100	*3100	*3100	
-3000 mm	Lower rear dozer up				*4400	3250	2900	*2800	2200	2000										
	Lower rear dozer down				*4400	*4400	3300	*2800	*2800	2250										
	Lower f. dozer & r. stabilizer down				*4400	*4400	*4400	*2800	*2800	*2800										
	Lower 2 sets of stabilizers down				*4400	*4400	*4400	*2800	*2800	*2800										

\*Limited by hydraulic rather than tipping load.























Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, work tool: none, with counterweight (3300 kg), heavy lift on.

Industrial Stick 2900 mm		 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height			mm
		3000 mm			4500 mm			6000 mm			7500 mm						
																	
7500 mm	Lower rear dozer up				*4200	*4200	4000							*3500	3400	3150	5250
	Lower rear dozer down				*4200	*4200	*4200							*3500	*3500	3500	
	Lower f. dozer & r. stabilizer down				*4200	*4200	*4200							*3500	*3500	*3500	
	Lower 2 sets of stabilizers down				*4200	*4200	*4200							*3500	*3500	*3500	
6000 mm	Lower rear dozer up				*4100	*4100	4050	3950	2800	2600				*3150	2400	2200	6600
	Lower rear dozer down				*4100	*4100	*4100	3950	*3950	2850				*3150	*3150	2450	
	Lower f. dozer & r. stabilizer down				*4100	*4100	*4100	*3950	*3950	*3950				*3150	*3150	*3150	
	Lower 2 sets of stabilizers down				*4100	*4100	*4100	*3950	*3950	*3950				*3150	*3150	*3150	
4500 mm	Lower rear dozer up				*4600	4250	3900	3900	2750	2550				2850	2000	1850	7390
	Lower rear dozer down				*4600	*4600	4300	3900	*4200	2800				2800	*3100	2050	
	Lower f. dozer & r. stabilizer down				*4600	*4600	*4600	*4200	*4200	4200				*3100	*3100	3050	
	Lower 2 sets of stabilizers down				*4600	*4600	*4600	*4200	*4200	*4200				*3100	*3100	*3100	
3000 mm	Lower rear dozer up				*5800	4000	3650	3800	2650	2450	2750	1900	1750	2550	1800	1650	7800
	Lower rear dozer down				5800	*5800	4050	3750	*4600	2700	2700	*3800	1950	2550	*3150	1850	
	Lower f. dozer & r. stabilizer down				*5800	*5800	*5800	*4600	*4600	4050	*3800	2950	*3150	*3150	2750		
	Lower 2 sets of stabilizers down				*5800	*5800	*5800	*4600	*4600	*4600	*3800	*3800	3500	*3150	*3150	*3150	
1500 mm	Lower rear dozer up				5500	3700	3350	3650	2500	2300	2650	1850	1700	2500	1700	1600	7900
	Lower rear dozer down				5500	*6650	3800	3650	*4900	2550	2650	3950	1900	2450	*3400	1750	
	Lower f. dozer & r. stabilizer down				*6650	*6650	5950	*4900	*4900	3950	*3950	*3950	2850	*3400	*3400	2650	
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*4900	*4900	4700	*3950	*3950	3400	*3400	*3400	3150	
0 mm	Lower rear dozer up				5300	3550	3200	3550	2400	2200	2600	1800	1650	2550	1750	1600	7710
	Lower rear dozer down				5300	*6850	3600	3550	*5000	2500	2600	*3850	1850	2500	*3650	1800	
	Lower f. dozer & r. stabilizer down				*6850	*6850	5750	*5000	*5000	3800	*3850	*3850	2800	*3650	*3650	2700	
	Lower 2 sets of stabilizers down				*6850	*6850	*6850	*5000	*5000	4600	*3850	*3850	3350	*3650	*3650	3250	
-1500 mm	Lower rear dozer up	*7400	6300	5550	5250	3450	3150	3500	2400	2150				2750	1900	1750	7180
	Lower rear dozer down	*7400	*7400	6400	5200	*6350	3550	3500	*4650	2450				2750	*3550	1950	
	Lower f. dozer & r. stabilizer down	*7400	*7400	*7400	*6350	*6350	5700	*4650	*4650	3750				*3550	*3550	2950	
	Lower 2 sets of stabilizers down	*7400	*7400	*7400	*6350	*6350	*6350	*4650	*4650	4550				*3550	*3550	3550	
-3000 mm	Lower rear dozer up	*6800	6400	5600	*5100	3500	3150	3500	2400	2200				*3250	2300	2100	6250
	Lower rear dozer down	*6800	*6800	6500	*5100	*5100	3550	3500	*3550	2450				*3250	*3250	2350	
	Lower f. dozer & r. stabilizer down	*6800	*6800	*6800	*5100	*5100	*5100	*3550	*3550	*3550				*3250	*3250	*3250	
	Lower 2 sets of stabilizers down	*6800	*6800	*6800	*5100	*5100	*5100	*3550	*3550	*3550				*3250	*3250	*3250	

\*Limited by hydraulic rather than tipping load.




















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.

Short Stick 2000 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height													
						3000 mm			4500 mm			6000 mm						mm
																		
6000 mm	Lower rear dozer up													*3200	2650	2450	5500	
	Lower rear dozer down													*3200	*3200	2700		
	Lower f. dozer & r. stabilizer down													*3200	*3200	*3200		
	Lower 2 sets of stabilizers down													*3200	*3200	*3200		
4500 mm	Lower rear dozer up							*5050	3650	3300	3400	2300	2100	*2950	2050	1850	6440	
	Lower rear dozer down							*5050	*5050	3700	3350	*4350	2350	*2950	*2950	2100		
	Lower f. dozer & r. stabilizer down							*5050	*5050	*5050	*4350	*4350	3650	*2950	*2950	*2950		
	Lower 2 sets of stabilizers down							*5050	*5050	*5050	*4350	*4350	*4350	*2950	*2950	*2950		
3000 mm	Lower rear dozer up							5100	3400	3100	3300	2200	2000	2650	1750	1600	6910	
	Lower rear dozer down							5100	*5900	3500	3300	*4600	2250	2600	*2900	1800		
	Lower f. dozer & r. stabilizer down							*5900	*5900	5550	*4600	*4600	3550	*2900	*2900	2850		
	Lower 2 sets of stabilizers down							*5900	*5900	*5900	*4600	*4600	4300	*2900	*2900	*2900		
1500 mm	Lower rear dozer up							4850	3150	2850	3200	2100	1900	2550	1650	1500	7030	
	Lower rear dozer down							4850	*6650	3250	3150	*4850	2150	2500	*3050	1700		
	Lower f. dozer & r. stabilizer down							*6650	*6650	5300	*4850	*4850	3450	*3050	*3050	2750		
	Lower 2 sets of stabilizers down							*6650	*6650	6550	*4850	*4850	4200	*3050	*3050	*3050		
0 mm	Lower rear dozer up							4750	3050	2750	3100	2050	1850	2600	1750	1550	6800	
	Lower rear dozer down							4700	*6650	3100	3100	*4850	2100	2600	*3400	1800		
	Lower f. dozer & r. stabilizer down							*6650	*6650	5150	*4850	*4850	3400	*3400	*3400	2850		
	Lower 2 sets of stabilizers down							*6650	*6650	6400	*4850	*4850	4100	*3400	*3400	*3400		
-1500 mm	Lower rear dozer up	*8100	5650	4950	4700	3050	2700	3100	2050	1850	3000	1950	1800				6200	
	Lower rear dozer down	*8100	*8100	5750	4700	*5950	3100	3100	*4150	2100	2950	*3800	2000					
	Lower f. dozer & r. stabilizer down	*8100	*8100	*8100	*5950	*5950	5150	*4150	*4150	3400	*3800	*3800	3250					
	Lower 2 sets of stabilizers down	*8100	*8100	*8100	*5950	*5950	*5950	*4150	*4150	4100	*3800	*3800	*3800					
-3000 mm	Lower rear dozer up	*5650	*5650	5100	*4100	3100	2800						*3150	2650	2400	5070		
	Lower rear dozer down	*5650	*5650	*5650	*4100	*4100	3200						*3150	*3150	2750			
	Lower f. dozer & r. stabilizer down	*5650	*5650	*5650	*4100	*4100	*4100						*3150	*3150	*3150			
	Lower 2 sets of stabilizers down	*5650	*5650	*5650	*4100	*4100	*4100						*3150	*3150	*3150			

\*Limited by hydraulic rather than tipping load.




















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.

Medium Stick 2300 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height																			
						3000 mm			4500 mm			6000 mm						mm						
																								
6000 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
4500 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
3000 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
1500 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
0 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
-1500 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							
-3000 mm	Lower rear dozer up																							
	Lower rear dozer down																							
	Lower f. dozer & r. stabilizer down																							
	Lower 2 sets of stabilizers down																							

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (2800 kg), heavy lift on.



Load at maximum reach (stick nose/bucket pin)



Load over front



Load over rear

Load over side



Load point height

**Long  
Stick  
2600 mm**

Load at maximum reach (stick nose/bucket pin)	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load point height	Load point height	Load point height	
7500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down													*2700	*2700	*2700	4690
6000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down							*2850	2350	2150				*2250	2250	2050	6170
4500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down							*2850	*2850	2400				*2250	*2250	*2250	7010
3000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				5200	3450	3150	3300	2250	2050				*2150	1550	1400	7450
1500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				4900	3200	2850	3200	2100	1900	2250	1500	1350	2250	1500	1350	7550
0 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*4750	*4750	*4750	4700	3000	2700	3100	2000	1800				2300	1500	1350	7350
-1500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*8050	5550	4850	4650	2950	2650	3050	2000	1800				2550	1700	1500	6790
-3000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*7000	5650	4950	4700	3000	2700							3250	2150	1950	5790

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, work tool: none, with counterweight (2800 kg), heavy lift on.

Industrial Stick 2900 mm	Load at maximum reach (stick nose/bucket pin)	Load over front			Load over rear			Load over side				Load point height			mm		
		3000 mm			4500 mm			6000 mm			7500 mm						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side				
6000 mm	Lower rear dozer up							*3450	2600	2400				*3050	2450	2250	6230
	Lower rear dozer down							*3450	*3450	2650				*3050	*3050	2500	
	Lower f. dozer & r. stabilizer down							*3450	*3450	*3450				*3050	*3050	*3050	
	Lower 2 sets of stabilizers down							*3450	*3450	*3450				*3050	*3050	*3050	
4500 mm	Lower rear dozer up							3650	2550	2350				2850	2000	1850	7060
	Lower rear dozer down							3650	*4050	2600				2800	*2950	2600	
	Lower f. dozer & r. stabilizer down							*4050	*4050	3900				*2950	*2950	*2950	
	Lower 2 sets of stabilizers down							*4050	*4050	*4050				*2950	*2950	*2950	
3000 mm	Lower rear dozer up				*5450	3750	3400	3550	2450	2250				2550	1750	1650	7500
	Lower rear dozer down				5450	*5450	3800	3550	*4450	2550				2550	*3050	1800	
	Lower f. dozer & r. stabilizer down				*5450	*5450	*5450	*4450	*4450	3800				*3050	*3050	2750	
	Lower 2 sets of stabilizers down				*5450	*5450	*5450	*4450	*4450	*4450				*3050	*3050	*3050	
1500 mm	Lower rear dozer up				5200	3500	3150	3450	2350	2150	2500	1700	1600	2450	1700	1550	7600
	Lower rear dozer down				5150	*6500	3550	3400	*4900	2400	2500	3700	1750	2450	*3350	1750	
	Lower f. dozer & r. stabilizer down				*6500	*6500	5650	*4900	*4900	3700	*3750	*3750	2700	*3350	*3350	2650	
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4900	*4900	4450	*3750	*3750	3200	*3350	*3350	3150	
0 mm	Lower rear dozer up	*6350	5950	5200	5000	3300	3000	3350	2250	2050				2500	1700	1550	7400
	Lower rear dozer down	*6350	*6350	6050	5000	*6950	3400	3300	5100	2300				2500	3700	1750	
	Lower f. dozer & r. stabilizer down	*6350	*6350	*6350	*6950	*6950	5450	*5100	*5100	3600				*3850	*3850	2700	
	Lower 2 sets of stabilizers down	*6350	*6350	*6350	*6950	*6950	6700	*5100	*5100	4350				*3850	*3850	3250	
-1500 mm	Lower rear dozer up	*9100	5900	5150	4900	3250	2950	3300	2200	2000				2750	1850	1700	6850
	Lower rear dozer down	*9100	*9100	6000	4900	*6750	3300	3250	*4900	2250				2750	*4050	1900	
	Lower f. dozer & r. stabilizer down	*9100	*9100	*9100	*6750	*6750	5350	*4900	*4900	3550				*4050	*4050	2950	
	Lower 2 sets of stabilizers down	*9100	*9100	*9100	*6750	*6750	6600	*4900	*4900	4300				*4050	*4050	3550	
-3000 mm	Lower rear dozer up	*8000	5950	5250	4950	3250	2950							3400	2300	2100	5860
	Lower rear dozer down	*8000	*8000	6050	4900	*5650	3300							3400	*4000	2350	
	Lower f. dozer & r. stabilizer down	*8000	*8000	*8000	*5650	*5650	5350							*4000	*4000	3700	
	Lower 2 sets of stabilizers down	*8000	*8000	*8000	*5650	*5650	*5650							*4000	*4000	*4000	

\*Limited by hydraulic rather than tipping load.















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

Short Stick 2000 mm	 Undercarriage configuration	Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height			
		3000 mm			4500 mm			6000 mm						mm			
																	
6000 mm	Lower rear dozer up													*3200	2900	2650	5500
	Lower rear dozer down													*3200	*3200	2950	
	Lower f. dozer & r. stabilizer down													*3200	*3200	*3200	
	Lower 2 sets of stabilizers down													*3200	*3200	*3200	
4500 mm	Lower rear dozer up				*5050	3950	3600	3650	2500	2300	*2950	2250	2050				6440
	Lower rear dozer down				*5050	*5050	4050	3600	*4350	2550	*2950	*2950	2300				
	Lower f. dozer & r. stabilizer down				*5050	*5050	*5050	*4350	*4350	3900	*2950	*2950	*2950				
	Lower 2 sets of stabilizers down				*5050	*5050	*5050	*4350	*4350	*4350	*2950	*2950	*2950				
3000 mm	Lower rear dozer up				5500	3700	3350	3550	2450	2200	2850	1950	1800				6910
	Lower rear dozer down				5500	*5900	3800	3550	*4600	2500	2850	*2900	2000				
	Lower f. dozer & r. stabilizer down				*5900	*5900	*5900	*4600	*4600	3850	*2900	*2900	*2900				
	Lower 2 sets of stabilizers down				*5900	*5900	*5900	*4600	*4600	4600	*2900	*2900	*2900				
1500 mm	Lower rear dozer up				5250	3500	3150	3450	2350	2100	2750	1850	1700				7030
	Lower rear dozer down				5200	*6650	3550	3450	*4850	2400	2700	*3050	1900				
	Lower f. dozer & r. stabilizer down				*6650	*6650	5700	*4850	*4850	3700	*3050	*3050	2950				
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*4850	*4850	4500	*3050	*3050	*3050				
0 mm	Lower rear dozer up				5100	3350	3050	3350	2250	2050	2850	1900	1750				6800
	Lower rear dozer down				5100	*6650	3450	3350	*4850	2300	2800	*3400	1950				
	Lower f. dozer & r. stabilizer down				*6650	*6650	5550	*4850	*4850	3650	*3400	*3400	3050				
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*4850	*4850	4400	*3400	*3400	*3400				
-1500 mm	Lower rear dozer up	*8100	6250	5450	5100	3350	3000	3350	2250	2050	3250	2200	2000				6200
	Lower rear dozer down	*8100	*8100	6300	5050	*5950	3400	3350	*4150	2300	3200	*3800	2250				
	Lower f. dozer & r. stabilizer down	*8100	*8100	*8100	*5950	*5950	5550	*4150	*4150	3650	*3800	*3800	3500				
	Lower 2 sets of stabilizers down	*8100	*8100	*8100	*5950	*5950	*5950	*4150	*4150	*4150	*3800	*3800	*3800				
-3000 mm	Lower rear dozer up	*5650	*5650	5600	*4100	3450	3100				*3150	2950	2650				5070
	Lower rear dozer down	*5650	*5650	*5650	*4100	*4100	3500				*3150	*3150	3000				
	Lower f. dozer & r. stabilizer down	*5650	*5650	*5650	*4100	*4100	*4100				*3150	*3150	*3150				
	Lower 2 sets of stabilizers down	*5650	*5650	*5650	*4100	*4100	*4100				*3150	*3150	*3150				

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.


Always refer to the appropriate Operation and Maintenance Manual for specific product information.















# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

 Load at maximum reach (stick nose/bucket pin)
  Load over front
  Load over rear
  Load over side
  Load point height

**Medium Stick**  
2300 mm

Stick Height mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			Load point height			mm
														
6000 mm	Lower rear dozer up										*2650	*2650	2450	5810
	Lower rear dozer down										*2650	*2650	*2650	
	Lower f. dozer & r. stabilizer down										*2650	*2650	*2650	
	Lower 2 sets of stabilizers down										*2650	*2650	*2650	
4500 mm	Lower rear dozer up				*4800	4000	3650	3650	2550	2300	*2500	2100	1900	6700
	Lower rear dozer down				*4800	*4800	4050	3650	*4200	2600	*2500	*2500	2150	
	Lower f. dozer & r. stabilizer down				*4800	*4800	*4800	*4200	*4200	3950	*2500	*2500	*2500	
	Lower 2 sets of stabilizers down				*4800	*4800	*4800	*4200	*4200	*4200	*2500	*2500	*2500	
3000 mm	Lower rear dozer up				5550	3750	3400	3550	2450	2250	*2500	1850	1700	7160
	Lower rear dozer down				5500	*5700	3800	3550	*4500	2500	*2500	*2500	1900	
	Lower f. dozer & r. stabilizer down				*5700	*5700	*5700	*4500	*4500	3850	*2500	*2500	*2500	
	Lower 2 sets of stabilizers down				*5700	*5700	*5700	*4500	*4500	*4500	*2500	*2500	*2500	
1500 mm	Lower rear dozer up				5250	3500	3150	3450	2350	2150	2600	1750	1600	7270
	Lower rear dozer down				5250	*6500	3600	3450	*4800	2400	2600	*2650	1800	
	Lower f. dozer & r. stabilizer down				*6500	*6500	5700	*4800	*4800	3700	*2650	*2650	*2650	
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4800	*4800	4500	*2650	*2650	*2650	
0 mm	Lower rear dozer up	*4500	*4500	*4500	5100	3350	3000	3350	2250	2050	2700	1800	1650	7050
	Lower rear dozer down	*4500	*4500	*4500	5100	*6700	3450	3350	*4850	2300	2650	*2950	1850	
	Lower f. dozer & r. stabilizer down	*4500	*4500	*4500	*6700	*6700	5550	*4850	*4850	3650	*2950	*2950	2900	
	Lower 2 sets of stabilizers down	*4500	*4500	*4500	*6700	*6700	*6700	*4850	*4850	4400	*2950	*2950	*2950	
-1500 mm	Lower rear dozer up	*8600	6200	5400	5050	3300	3000	3350	2250	2050	3000	2050	1850	6470
	Lower rear dozer down	*8600	*8600	6250	5050	*6150	3400	3350	*4350	2300	3000	*3650	2100	
	Lower f. dozer & r. stabilizer down	*8600	*8600	*8600	*6150	*6150	5500	*4350	*4350	3600	*3650	*3650	3250	
	Lower 2 sets of stabilizers down	*8600	*8600	*8600	*6150	*6150	*6150	*4350	*4350	*4350	*3650	*3650	*3650	
-3000 mm	Lower rear dozer up	*6400	6300	5550	*4600	3400	3050				*3350	2650	2400	5400
	Lower rear dozer down	*6400	*6400	*6400	*4600	*4600	3450				*3350	*3350	2700	
	Lower f. dozer & r. stabilizer down	*6400	*6400	*6400	*4600	*4600	*4600				*3350	*3350	*3350	
	Lower 2 sets of stabilizers down	*6400	*6400	*6400	*4600	*4600	*4600				*3350	*3350	*3350	

\*Limited by hydraulic rather than tipping load.




















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 kg), heavy lift on.

Long Stick 2600 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height															
						3000 mm			4500 mm			6000 mm			7500 mm					
																			mm	
7500 mm	Lower rear dozer up													*2700	*2700	*2700	4690			
	Lower rear dozer down													*2700	*2700	*2700				
	Lower f. dozer & r. stabilizer down													*2700	*2700	*2700				
	Lower 2 sets of stabilizers down													*2700	*2700	*2700				
6000 mm	Lower rear dozer up							*2850	2550	2350				*2250	*2250	2250	6170			
	Lower rear dozer down							*2850	*2850	2600				*2250	*2250	*2250				
	Lower f. dozer & r. stabilizer down							*2850	*2850	*2850				*2250	*2250	*2250				
	Lower 2 sets of stabilizers down							*2850	*2850	*2850				*2250	*2250	*2250				
4500 mm	Lower rear dozer up							3650	2550	2350				*2150	1950	1800	7010			
	Lower rear dozer down							3650	*4000	2600				*2150	*2150	2000				
	Lower f. dozer & r. stabilizer down							*4000	*4000	3950				*2150	*2150	*2150				
	Lower 2 sets of stabilizers down							*4000	*4000	*4000				*2150	*2150	*2150				
3000 mm	Lower rear dozer up				*5450	3800	3450	3550	2450	2250				*2150	1700	1550	7450			
	Lower rear dozer down				*5450	*5450	3850	3550	*4300	2500				*2150	*2150	1750				
	Lower f. dozer & r. stabilizer down				*5450	*5450	*5450	*4300	*4300	3850				*2150	*2150	*2150				
	Lower 2 sets of stabilizers down				*5450	*5450	*5450	*4300	*4300	*4300				*2150	*2150	*2150				
1500 mm	Lower rear dozer up				5250	3500	3150	3450	2350	2100	2450	1650	1500	*2250	1650	1500	7550			
	Lower rear dozer down				5250	*6350	3600	3400	*4700	2400	2450	*2600	1700	*2250	*2250	1700				
	Lower f. dozer & r. stabilizer down				*6350	*6350	5750	*4700	*4700	3700	*2600	*2600	*2600	*2250	*2250	*2250				
	Lower 2 sets of stabilizers down				*6350	*6350	*6350	*4700	*4700	4500	*2600	*2600	*2600	*2250	*2250	*2250				
0 mm	Lower rear dozer up	*4750	*4750	*4750	5100	3350	3000	3350	2250	2000				2500	1700	1550	7350			
	Lower rear dozer down	*4750	*4750	*4750	5050	*6650	3400	3300	*4850	2300				2500	*2500	1700				
	Lower f. dozer & r. stabilizer down	*4750	*4750	*4750	*6650	*6650	5550	*4850	*4850	3600				*2500	*2500	*2500				
	Lower 2 sets of stabilizers down	*4750	*4750	*4750	*6650	*6650	*6650	*4850	*4850	4400				*2500	*2500	*2500				
-1500 mm	Lower rear dozer up	*8050	6100	5350	5000	3300	2950	3300	2200	2000				2800	1850	1700	6790			
	Lower rear dozer down	*8050	*8050	6200	5000	*6250	3350	3300	*4500	2250				2800	*3050	1900				
	Lower f. dozer & r. stabilizer down	*8050	*8050	*8050	*6250	*6250	5450	*4500	*4500	3550				*3050	*3050	3000				
	Lower 2 sets of stabilizers down	*8050	*8050	*8050	*6250	*6250	*6250	*4500	*4500	4350				*3050	*3050	*3050				
-3000 mm	Lower rear dozer up	*7000	6200	5450	*5000	3300	3000							*3300	2350	2150	5790			
	Lower rear dozer down	*7000	*7000	6300	*5000	*5000	3400							*3300	*3300	2400				
	Lower f. dozer & r. stabilizer down	*7000	*7000	*7000	*5000	*5000	*5000							*3300	*3300	*3300				
	Lower 2 sets of stabilizers down	*7000	*7000	*7000	*5000	*5000	*5000							*3300	*3300	*3300				

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, work tool: none, with counterweight (3300 kg), heavy lift on.

Industrial Stick 2900 mm	Load at maximum reach (stick nose/bucket pin)	Load over front			Load over rear			Load over side				Load point height			mm		
		3000 mm			4500 mm			6000 mm			7500 mm						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Side			
6000 mm	Lower rear dozer up							*3450	2800	2600				*3050	2650	2450	6230
	Lower rear dozer down							*3450	*3450	2850				*3050	*3050	2700	
	Lower f. dozer & r. stabilizer down							*3450	*3450	*3450				*3050	*3050	*3050	
	Lower 2 sets of stabilizers down							*3450	*3450	*3450				*3050	*3050	*3050	
4500 mm	Lower rear dozer up							3900	2800	2550				*2950	2150	2000	7060
	Lower rear dozer down							3900	*4050	2850				*2950	*2950	2200	
	Lower f. dozer & r. stabilizer down							*4050	*4050	*4050				*2950	*2950	*2950	
	Lower 2 sets of stabilizers down							*4050	*4050	*4050				*2950	*2950	*2950	
3000 mm	Lower rear dozer up				*5450	4050	3700	3800	2700	2450				2750	1950	1800	7500
	Lower rear dozer down				*5450	*5450	4150	3800	*4450	2750				2750	*3050	2000	
	Lower f. dozer & r. stabilizer down				*5450	*5450	*5450	*4450	*4450	4100				*3050	*3050	2950	
	Lower 2 sets of stabilizers down				*5450	*5450	*5450	*4450	*4450	*4450				*3050	*3050	*3050	
1500 mm	Lower rear dozer up				5600	3800	3450	3700	2600	2350	2700	1900	1750	2650	1850	1700	7600
	Lower rear dozer down				5550	*6500	3850	3650	*4900	2650	2700	*3750	1950	2650	*3350	1900	
	Lower f. dozer & r. stabilizer down				*6500	*6500	6050	*4900	*4900	3950	*3750	*3750	2900	*3350	*3350	2850	
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4900	*4900	4750	*3750	*3750	3450	*3350	*3350	*3350	
0 mm	Lower rear dozer up	*6350	*6350	5700	5400	3650	3300	3600	2500	2250				2700	1900	1750	7400
	Lower rear dozer down	*6350	*6350	*6350	5350	*6950	3700	3550	*5100	2550				2700	*3850	1950	
	Lower f. dozer & r. stabilizer down	*6350	*6350	*6350	*6950	*6950	5850	*5100	*5100	3850				*3850	*3850	2900	
	Lower 2 sets of stabilizers down	*6350	*6350	*6350	*6950	*6950	*6950	*5100	*5100	4650				*3850	*3850	3450	
-1500 mm	Lower rear dozer up	*9100	6450	5650	5300	3550	3200	3550	2450	2250				2950	2050	1900	6850
	Lower rear dozer down	*9100	*9100	6550	5300	*6750	3600	3500	*4900	2500				2950	*4050	2100	
	Lower f. dozer & r. stabilizer down	*9100	*9100	*9100	*6750	*6750	5750	*4900	*4900	3800				*4050	*4050	3200	
	Lower 2 sets of stabilizers down	*9100	*9100	*9100	*6750	*6750	*6750	*4900	*4900	4600				*4050	*4050	3800	
-3000 mm	Lower rear dozer up	*8000	6500	5750	5300	3550	3250							3650	2550	2300	5860
	Lower rear dozer down	*8000	*8000	6600	5300	*5650	3650							3650	*4000	2600	
	Lower f. dozer & r. stabilizer down	*8000	*8000	*8000	*5650	*5650	*5650							*4000	*4000	3950	
	Lower 2 sets of stabilizers down	*8000	*8000	*8000	*5650	*5650	*5650							*4000	*4000	*4000	

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (6,180 lb), heavy lift on.

Medium Stick 7'7"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height												
					ft	ft	ft										
	<b>Undercarriage configuration</b>				10.0 ft			15.0 ft			20.0 ft						
25.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down													*7,800 *7,800 *7,800 *7,800	*7,800 *7,800 *7,800 *7,800	7,500 *7,800 *7,800 *7,800	14.70
20.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*10,100 *10,100 *10,100 *10,100	8,200 *10,100 *10,100 *10,100	7,400 8,300 *10,100 *10,100							*6,400 *6,400 *6,400 *6,400	5,000 *6,400 *6,400 *6,400	4,500 5,100 *6,400 *6,400	19.88
15.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*11,100 *11,100 *11,100 *11,100	7,900 *11,100 *11,100 *11,100	7,100 8,000 *11,100 *9,300	7,300 7,300 *9,300 *9,300	4,900 5,000 *9,300 *9,300	4,500 5,800 7,900 *6,000	5,800 5,800 *6,000 *6,000	3,900 4,000 *6,000 *6,000	3,500 4,000 *6,000 *6,000				22.80
10.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				11,000 10,900 *12,900 *12,900	7,300 *12,900 12,000 *12,900	6,600 7,400 12,000 *12,900	7,100 7,000 *9,900 *9,900	4,700 *9,900 *9,900 *9,900	4,300 4,800 7,600 *9,300	5,200 5,200 *5,900 *5,900	3,400 *5,900 5,600 *5,900	3,100 3,500 5,600 *5,900				24.31
5.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				10,400 10,300 *14,200 *14,200	6,700 *14,200 *14,200 *14,200	6,000 6,800 11,300 14,000	6,800 6,800 *10,400 *10,400	4,400 *10,400 *10,400 *10,400	4,000 4,600 7,400 9,000	5,000 4,900 *6,200 *6,200	3,200 *6,200 *6,200 *6,200	2,900 3,300 5,400 *6,200				24.70
0.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				10,000 10,000 *14,000 *14,000	6,400 *14,000 *14,000 *14,000	5,700 6,500 10,900 13,600	6,600 6,600 *10,200 *10,200	4,300 *10,200 *10,200 *10,200	3,800 4,400 7,200 8,800	5,100 5,100 *6,900 *6,900	3,300 3,400 *6,900 *6,900	3,000 3,400 5,500 6,800				24.02
-5.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*15,500 *15,500 *15,500 *15,500	11,800 *15,500 *15,500 *15,500	10,300 12,000 *15,500 *12,300	9,900 9,900 *12,300 *12,300	6,300 *12,300 *12,300 *12,300	5,600 6,500 10,900 *12,300	6,600 6,500 *8,800 *8,800	4,200 *8,800 *8,800 *8,800	3,800 4,400 7,100 8,700	5,700 5,700 *7,000 *7,000	3,700 3,700 *7,000 *7,000	3,400 3,800 6,200 *7,000				22.15
-10.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*8,500 *8,500 *8,500 *8,500	6,500 *8,500 *8,500 *8,500	5,800 6,600 *8,500 *8,500										

\*Limited by hydraulic rather than tipping load.  
 Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.  
 Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (6,180 lb), heavy lift on.

Long Stick 8'6"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height													
					10.0 ft			15.0 ft			20.0 ft			25.0 ft			ft	
					Lower rear dozer up	Lower rear dozer down	Lower f. dozer & r. stabilizer down	Lower rear dozer up	Lower rear dozer down	Lower f. dozer & r. stabilizer down	Lower rear dozer up	Lower rear dozer down	Lower f. dozer & r. stabilizer down	Lower rear dozer up	Lower rear dozer down	Lower f. dozer & r. stabilizer down		
25.0 ft	Lower rear dozer up					*8,400	8,200	7,400							*6,600	*6,600	6,400	16.27
	Lower rear dozer down					*8,400	*8,400	8,300							*6,600	*6,600	*6,600	
	Lower f. dozer & r. stabilizer down					*8,400	*8,400	*8,400							*6,600	*6,600	*6,600	
	Lower 2 sets of stabilizers down					*8,400	*8,400	*8,400							*6,600	*6,600	*6,600	
20.0 ft	Lower rear dozer up					*8,700	8,300	7,500	7,400	5,000	4,600				*5,500	4,500	4,100	21.06
	Lower rear dozer down					*8,700	*8,700	8,400	7,400	*7,500	5,100				*5,500	*5,500	4,600	
	Lower f. dozer & r. stabilizer down					*8,700	*8,700	*8,700	*7,500	*7,500	*7,500				*5,500	*5,500	*5,500	
	Lower 2 sets of stabilizers down					*8,700	*8,700	*8,700	*7,500	*7,500	*7,500				*5,500	*5,500	*5,500	
15.0 ft	Lower rear dozer up					*9,700	7,900	7,200	7,300	5,000	4,500				*5,200	3,600	3,300	23.82
	Lower rear dozer down					*9,700	*9,700	8,100	7,300	*9,000	5,100				*5,200	*5,200	3,700	
	Lower f. dozer & r. stabilizer down					*9,700	*9,700	*9,700	*9,000	*9,000	7,900				*5,200	*5,200	*5,200	
	Lower 2 sets of stabilizers down					*9,700	*9,700	*9,700	*9,000	*9,000	*9,000				*5,200	*5,200	*5,200	
10.0 ft	Lower rear dozer up					11,100	7,300	6,600	7,100	4,700	4,300	4,900	3,200	2,900	4,800	3,200	2,900	25.26
	Lower rear dozer down					11,000	*12,400	7,500	7,000	*9,600	4,800	4,900	*6,100	3,300	4,800	*5,100	3,300	
	Lower f. dozer & r. stabilizer down					*12,400	*12,400	12,000	*9,600	*9,600	7,600	*6,100	5,400	*5,100	*5,100	*5,100	*5,100	
	Lower 2 sets of stabilizers down					*12,400	*12,400	*12,400	*9,600	*9,600	9,300	*6,100	*6,100	*6,100	*5,100	*5,100	*5,100	
5.0 ft	Lower rear dozer up					10,400	6,700	6,000	6,800	4,400	4,000	4,800	3,100	2,800	4,600	3,000	2,700	25.62
	Lower rear dozer down					10,300	*13,900	6,800	6,700	*10,200	4,500	4,800	7,400	3,200	4,600	*5,300	3,100	
	Lower f. dozer & r. stabilizer down					*13,900	*13,900	11,300	*10,200	*10,200	7,300	*7,700	*7,700	5,200	*5,300	*5,300	5,000	
	Lower 2 sets of stabilizers down					*13,900	*13,900	*13,900	*10,200	*10,200	9,000	*7,700	*7,700	6,400	*5,300	*5,300	*5,300	
0.0 ft	Lower rear dozer up	*7,400	*7,400	*7,400	9,900	6,300	5,600	6,500	4,200	3,800				4,800	3,100	2,800	24.97	
	Lower rear dozer down	*7,400	*7,400	*7,400	9,900	*14,100	6,500	6,500	*10,200	4,300				4,700	*5,900	3,200		
	Lower f. dozer & r. stabilizer down	*7,400	*7,400	*7,400	*14,100	*14,100	10,900	*10,200	*10,200	7,100				*5,900	*5,900	5,200		
	Lower 2 sets of stabilizers down	*7,400	*7,400	*7,400	*14,100	*14,100	13,600	*10,200	*10,200	8,700				*5,900	*5,900	*5,900		
-5.0 ft	Lower rear dozer up	*14,500	11,600	10,100	9,800	6,200	5,500	6,500	4,100	3,700				5,300	3,400	3,100	23.20	
	Lower rear dozer down	*14,500	*14,500	11,800	9,800	*12,700	6,400	6,400	*9,100	4,300				5,300	*6,800	3,500		
	Lower f. dozer & r. stabilizer down	*14,500	*14,500	*14,500	*12,700	*12,700	10,800	*9,100	*9,100	7,000				*6,800	*6,800	5,800		
	Lower 2 sets of stabilizers down	*14,500	*14,500	*14,500	*12,700	*12,700	*12,700	*9,100	*9,100	8,600				*6,800	*6,800	*6,800		
-10.0 ft	Lower rear dozer up				*9,400	6,300	5,600											
	Lower rear dozer down				*9,400	*9,400	6,500											
	Lower f. dozer & r. stabilizer down				*9,400	*9,400	*9,400											
	Lower 2 sets of stabilizers down				*9,400	*9,400	*9,400											

\*Limited by hydraulic rather than tipping load.



















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, work tool: none, with counterweight (6,180 lb), heavy lift on.

Industrial Stick 9'6"	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height													ft
						10.0 ft			15.0 ft			20.0 ft			25.0 ft			
																		
25.0 ft	Lower rear dozer up				*9,100	8,800	8,000								*7,800	7,300	6,700	
	Lower rear dozer down				*9,100	*9,100	8,900								*7,800	*7,800	7,400	
	Lower f. dozer & r. stabilizer down				*9,100	*9,100	*9,100								*7,800	*7,800	*7,800	
	Lower 2 sets of stabilizers down				*9,100	*9,100	*9,100								*7,800	*7,800	*7,800	
20.0 ft	Lower rear dozer up				*9,100	8,800	8,100	7,900	5,600	5,100					*7,000	5,000	4,600	
	Lower rear dozer down				*9,100	*9,100	9,000	7,900	*8,500	5,700					*7,000	*7,000	5,100	
	Lower f. dozer & r. stabilizer down				*9,100	*9,100	*9,100	*8,500	*8,500	*8,500					*7,000	*7,000	*7,000	
	Lower 2 sets of stabilizers down				*9,100	*9,100	*9,100	*8,500	*8,500	*8,500					*7,000	*7,000	*7,000	
15.0 ft	Lower rear dozer up				*10,000	8,500	7,800	7,900	5,500	5,000					5,800	4,000	3,700	
	Lower rear dozer down				*10,000	*10,000	8,700	7,800	*9,200	5,600					5,800	*6,800	4,100	
	Lower f. dozer & r. stabilizer down				*10,000	*10,000	*10,000	*9,200	*9,200	8,400					*6,800	*6,800	6,300	
	Lower 2 sets of stabilizers down				*10,000	*10,000	*10,000	*9,200	*9,200	*9,200					*6,800	*6,800	*6,800	
10.0 ft	Lower rear dozer up				11,700	8,000	7,200	7,600	5,200	4,800	5,500	3,700	3,400	5,300	3,600	3,300		
	Lower rear dozer down				11,700	*12,600	8,100	7,600	*10,000	5,400	5,400	8,100	3,800	5,200	*7,000	3,700		
	Lower f. dozer & r. stabilizer down				*12,600	*12,600	*12,600	*10,000	*10,000	8,200	*8,200	*8,200	5,900	*7,000	*7,000	5,700		
	Lower 2 sets of stabilizers down				*12,600	*12,600	*12,600	*10,000	*10,000	9,800	*8,200	*8,200	7,000	*7,000	*7,000	6,800		
5.0 ft	Lower rear dozer up				11,000	7,400	6,700	7,300	5,000	4,500	5,300	3,600	3,300	5,100	3,400	3,200		
	Lower rear dozer down				11,000	*14,400	7,500	7,300	*10,700	5,100	5,300	7,900	3,700	5,000	*7,500	3,500		
	Lower f. dozer & r. stabilizer down				*14,400	*14,400	12,000	*10,700	*10,700	7,900	*8,600	8,300	5,800	*7,500	*7,500	5,500		
	Lower 2 sets of stabilizers down				*14,400	*14,400	*14,400	*10,700	*10,700	9,500	*8,600	*8,600	6,900	*7,500	*7,500	6,500		
0.0 ft	Lower rear dozer up				10,600	7,000	6,300	7,100	4,800	4,300	5,200	3,500	3,200	5,200	3,500	3,200		
	Lower rear dozer down				10,600	*14,900	7,100	7,100	*10,900	4,900	5,200	7,800	3,600	5,100	7,700	3,600		
	Lower f. dozer & r. stabilizer down				*14,900	*14,900	11,600	*10,900	*10,900	7,700	*8,300	8,200	5,700	*8,100	8,000	5,600		
	Lower 2 sets of stabilizers down				*14,900	*14,900	14,300	*10,900	*10,900	9,300	*8,300	*8,300	6,800	*8,100	*8,100	6,700		
-5.0 ft	Lower rear dozer up	*16,800	12,400	10,800	10,400	6,800	6,100	7,000	4,700	4,200				5,600	3,800	3,500		
	Lower rear dozer down	*16,800	*16,800	12,600	10,400	*13,800	7,000	7,000	*10,100	4,800				5,600	*7,800	3,900		
	Lower f. dozer & r. stabilizer down	*16,800	*16,800	*16,800	*13,800	*13,800	11,400	*10,100	*10,100	7,600				*7,800	*7,800	6,100		
	Lower 2 sets of stabilizers down	*16,800	*16,800	*16,800	*13,800	*13,800	*13,800	*10,100	*10,100	9,200				*7,800	*7,800	7,300		
-10.0 ft	Lower rear dozer up	*14,700	12,600	11,000	10,500	6,900	6,200	7,100	4,700	4,300				6,900	4,600	4,200		
	Lower rear dozer down	*14,700	*14,700	12,800	10,500	*10,900	7,000	7,000	*7,400	4,800				6,900	*7,100	4,700		
	Lower f. dozer & r. stabilizer down	*14,700	*14,700	*14,700	*10,900	*10,900	*10,900	*7,400	*7,400	*7,400				*7,100	*7,100	*7,100		
	Lower 2 sets of stabilizers down	*14,700	*14,700	*14,700	*10,900	*10,900	*10,900	*7,400	*7,400	*7,400				*7,100	*7,100	*7,100		

\*Limited by hydraulic rather than tipping load.















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (7,280 lb), heavy lift on.

Short Stick 6'7"	 Undercarriage configuration	Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height				
		10.0 ft			15.0 ft			20.0 ft						ft				
																		
25.0 ft	Lower rear dozer up														*10,000	*10,000	9,500	13.22
	Lower rear dozer down														*10,000	*10,000	*10,000	
	Lower f. dozer & r. stabilizer down														*10,000	*10,000	*10,000	
	Lower 2 sets of stabilizers down														*10,000	*10,000	*10,000	
20.0 ft	Lower rear dozer up				*10,800	8,800	8,000								*7,800	5,900	5,400	18.83
	Lower rear dozer down				*10,800	*10,800	8,900								*7,800	*7,800	6,000	
	Lower f. dozer & r. stabilizer down				*10,800	*10,800	*10,800								*7,800	*7,800	*7,800	
	Lower 2 sets of stabilizers down				*10,800	*10,800	*10,800								*7,800	*7,800	*7,800	
15.0 ft	Lower rear dozer up				*11,600	8,500	7,700	7,800	5,400	4,900	6,700	4,600	4,100					21.88
	Lower rear dozer down				*11,600	*11,600	8,600	7,800	*9,700	5,500	6,700	*7,100	4,700					
	Lower f. dozer & r. stabilizer down				*11,600	*11,600	*11,600	*9,700	*9,700	8,400	*7,100	*7,100	*7,100					
	Lower 2 sets of stabilizers down				*11,600	*11,600	*11,600	*9,700	*9,700	*9,700	*7,100	*7,100	*7,100					
10.0 ft	Lower rear dozer up				11,700	7,900	7,100	7,600	5,100	4,700	5,900	4,000	3,600					23.46
	Lower rear dozer down				11,700	*13,300	8,000	7,500	*10,100	5,300	5,900	*7,000	4,100					
	Lower f. dozer & r. stabilizer down				*13,300	*13,300	12,700	*10,100	*10,100	8,200	*7,000	*7,000	6,400					
	Lower 2 sets of stabilizers down				*13,300	*13,300	*13,300	*10,100	*10,100	9,900	*7,000	*7,000	*7,000					
5.0 ft	Lower rear dozer up				11,100	7,300	6,600	7,300	4,900	4,400	5,700	3,800	3,400					23.88
	Lower rear dozer down				11,100	*14,300	7,500	7,300	*10,400	5,000	5,600	*7,200	3,900					
	Lower f. dozer & r. stabilizer down				*14,300	*14,300	12,100	*10,400	*10,400	7,900	*7,200	*7,200	6,100					
	Lower 2 sets of stabilizers down				*14,300	*14,300	*14,300	*10,400	*10,400	9,600	*7,200	*7,200	*7,200					
0.0 ft	Lower rear dozer up				10,800	7,100	6,300	7,200	4,800	4,300	5,900	3,900	3,500					23.16
	Lower rear dozer down				10,800	*13,800	7,200	7,100	*10,100	4,900	5,800	*7,900	4,000					
	Lower f. dozer & r. stabilizer down				*13,800	*13,800	11,800	*10,100	*10,100	7,800	*7,900	*7,900	6,300					
	Lower 2 sets of stabilizers down				*13,800	*13,800	*13,800	*10,100	*10,100	9,400	*7,900	*7,900	7,700					
-5.0 ft	Lower rear dozer up	*14,800	13,200	11,500	10,800	7,000	6,300	7,200	4,800	4,300	6,700	4,400	4,000					21.23
	Lower rear dozer down	*14,800	*14,800	13,400	10,800	*11,800	7,200	7,100	*8,300	4,900	6,600	*7,000	4,500					
	Lower f. dozer & r. stabilizer down	*14,800	*14,800	*14,800	*11,800	*11,800	*11,800	*8,300	*8,300	7,800	*7,000	*7,000	*7,000					
	Lower 2 sets of stabilizers down	*14,800	*14,800	*14,800	*11,800	*11,800	*11,800	*8,300	*8,300	*8,300	*7,000	*7,000	*7,000					

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.




















Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (7,280 lb), heavy lift on.

Medium Stick 7'7"	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height										ft										
						10.0 ft			15.0 ft			20.0 ft													
																									
25.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
20.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
15.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
10.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
5.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
0.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
-5.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								
-10.0 ft	Lower rear dozer up																								
	Lower rear dozer down																								
	Lower f. dozer & r. stabilizer down																								
	Lower 2 sets of stabilizers down																								

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (7,280 lb), heavy lift on.

Long Stick 8'6"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Lift Capacity (lb)												ft								
						10.0 ft			15.0 ft			20.0 ft			25.0 ft											
						Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler									
25.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
20.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
15.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
10.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
5.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
0.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
-5.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
-10.0 ft	Lower rear dozer up																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in lb, work tool: none, with counterweight (7,280 lb), heavy lift on.

Industrial Stick 9'6"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height														
					10.0 ft			15.0 ft			20.0 ft			25.0 ft			ft		
					Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick			
25.0 ft	Lower rear dozer up				*9,100	*9,100	8,600										*7,800	*7,800	7,200
	Lower rear dozer down				*9,100	*9,100	*9,100										*7,800	*7,800	*7,800
	Lower f. dozer & r. stabilizer down				*9,100	*9,100	*9,100										*7,800	*7,800	*7,800
	Lower 2 sets of stabilizers down				*9,100	*9,100	*9,100										*7,800	*7,800	*7,800
20.0 ft	Lower rear dozer up				*9,100	*9,100	8,700	*8,500	6,000	5,600							*7,000	5,400	5,000
	Lower rear dozer down				*9,100	*9,100	*9,100	*8,500	*8,500	6,200							*7,000	*7,000	5,500
	Lower f. dozer & r. stabilizer down				*9,100	*9,100	*9,100	*8,500	*8,500	*8,500							*7,000	*7,000	*7,000
	Lower 2 sets of stabilizers down				*9,100	*9,100	*9,100	*8,500	*8,500	*8,500							*7,000	*7,000	*7,000
15.0 ft	Lower rear dozer up				*10,000	9,200	8,400	8,400	6,000	5,500							6,300	4,400	4,100
	Lower rear dozer down				*10,000	*10,000	9,300	8,400	*9,200	6,100							6,300	*6,800	4,500
	Lower f. dozer & r. stabilizer down				*10,000	*10,000	*10,000	*9,200	*9,200	9,000							*6,800	*6,800	6,700
	Lower 2 sets of stabilizers down				*10,000	*10,000	*10,000	*9,200	*9,200	*9,200							*6,800	*6,800	*6,800
10.0 ft	Lower rear dozer up				12,500	8,600	7,900	8,200	5,700	5,200	5,900	4,100	3,800	5,700	4,000	3,600	5,700	4,000	3,600
	Lower rear dozer down				12,500	*12,600	8,800	8,100	*10,000	5,800	5,900	*8,200	4,200	5,700	*7,000	4,100	5,700	*7,000	4,100
	Lower f. dozer & r. stabilizer down				*12,600	*12,600	*12,600	*10,000	*10,000	8,800	*8,200	*8,200	6,300	*7,000	*7,000	6,100	*7,000	*7,000	6,100
	Lower 2 sets of stabilizers down				*12,600	*12,600	*12,600	*10,000	*10,000	*10,000	*8,200	*8,200	7,500	*7,000	*7,000	*7,000	*7,000	*7,000	*7,000
5.0 ft	Lower rear dozer up				11,900	8,000	7,300	7,900	5,400	5,000	5,800	4,000	3,700	5,500	3,800	3,500	5,500	3,800	3,500
	Lower rear dozer down				11,800	*14,400	8,200	7,800	*10,700	5,600	5,700	8,500	4,100	5,400	*7,500	3,900	5,400	*7,500	3,900
	Lower f. dozer & r. stabilizer down				*14,400	*14,400	12,900	*10,700	*10,700	8,500	*8,600	*8,600	6,200	*7,500	*7,500	5,900	*7,500	*7,500	5,900
	Lower 2 sets of stabilizers down				*14,400	*14,400	*14,400	*10,700	*10,700	10,200	*8,600	*8,600	7,400	*7,500	*7,500	7,000	*7,500	*7,500	7,000
0.0 ft	Lower rear dozer up				11,400	7,600	6,900	7,600	5,200	4,800	5,700	3,900	3,600	5,600	3,800	3,500	5,600	3,800	3,500
	Lower rear dozer down				11,400	*14,900	7,800	7,600	*10,900	5,300	5,600	*8,300	4,000	5,600	*8,100	3,900	5,600	*8,100	3,900
	Lower f. dozer & r. stabilizer down				*14,900	*14,900	12,400	*10,900	*10,900	8,200	*8,300	*8,300	6,100	*8,100	*8,100	6,000	*8,100	*8,100	6,000
	Lower 2 sets of stabilizers down				*14,900	*14,900	*14,900	*10,900	*10,900	9,900	*8,300	*8,300	7,300	*8,100	*8,100	7,200	*8,100	*8,100	7,200
-5.0 ft	Lower rear dozer up	*16,800	13,600	11,900	11,300	7,500	6,700	7,500	5,100	4,700				6,100	4,200	3,800	6,100	*7,800	4,300
	Lower rear dozer down	*16,800	*16,800	13,700	11,200	*13,800	7,600	7,500	*10,100	5,200				6,100	*7,800	4,300	6,100	*7,800	4,300
	Lower f. dozer & r. stabilizer down	*16,800	*16,800	*16,800	*13,800	*13,800	12,200	*10,100	*10,100	8,100				*7,800	*7,800	6,600	*7,800	*7,800	6,600
	Lower 2 sets of stabilizers down	*16,800	*16,800	*16,800	*13,800	*13,800	*13,800	*10,100	*10,100	9,800				*7,800	*7,800	*7,800	*7,800	*7,800	*7,800
-10.0 ft	Lower rear dozer up	*14,700	13,800	12,100	*10,900	7,500	6,800	*7,400	5,200	4,700				*7,100	5,100	4,600	*7,100	*7,100	5,200
	Lower rear dozer down	*14,700	*14,700	14,000	*10,900	*10,900	7,700	*7,400	*7,400	5,300				*7,100	*7,100	5,200	*7,100	*7,100	5,200
	Lower f. dozer & r. stabilizer down	*14,700	*14,700	*14,700	*10,900	*10,900	*10,900	*7,400	*7,400	*7,400				*7,100	*7,100	*7,100	*7,100	*7,100	*7,100
	Lower 2 sets of stabilizers down	*14,700	*14,700	*14,700	*10,900	*10,900	*10,900	*7,400	*7,400	*7,400				*7,100	*7,100	*7,100	*7,100	*7,100	*7,100

\*Limited by hydraulic rather than tipping load.















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (6,180 lb), heavy lift on.

Short Stick 6'7"	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	10.0 ft			15.0 ft			20.0 ft			 Load point height ft	
				 Undercarriage configuration										ft
														
20.0 ft	Lower rear dozer up				*10,200	8,100	7,400				*7,200	6,000	5,500	17.78
	Lower rear dozer down				*10,200	*10,200	8,200				*7,200	*7,200	6,200	
	Lower f. dozer & r. stabilizer down				*10,200	*10,200	*10,200				*7,200	*7,200	*7,200	
	Lower 2 sets of stabilizers down				*10,200	*10,200	*10,200				*7,200	*7,200	*7,200	
15.0 ft	Lower rear dozer up				*10,900	7,900	7,100	7,300	4,900	4,500	*6,500	4,500	4,100	21.00
	Lower rear dozer down				*10,900	*10,900	8,000	7,200	*9,500	5,100	*6,500	*6,500	4,600	
	Lower f. dozer & r. stabilizer down				*10,900	*10,900	*10,900	*9,500	*9,500	7,800	*6,500	*6,500	*6,500	
	Lower 2 sets of stabilizers down				*10,900	*10,900	*10,900	*9,500	*9,500	9,500	*6,500	*6,500	*6,500	
10.0 ft	Lower rear dozer up				11,000	7,400	6,700	7,100	4,800	4,400	5,800	3,900	3,600	22.64
	Lower rear dozer down				11,000	*12,800	7,500	7,100	*10,000	4,900	5,800	*6,400	4,000	
	Lower f. dozer & r. stabilizer down				*12,800	*12,800	12,000	*10,000	*10,000	7,700	*6,400	*6,400	6,300	
	Lower 2 sets of stabilizers down				*12,800	*12,800	*12,800	*10,000	*10,000	9,300	*6,400	*6,400	*6,400	
5.0 ft	Lower rear dozer up				10,500	6,800	6,200	6,900	4,600	4,100	5,600	3,700	3,400	23.06
	Lower rear dozer down				10,400	*14,300	7,000	6,800	*10,500	4,700	5,500	*6,700	3,800	
	Lower f. dozer & r. stabilizer down				*14,300	*14,300	11,400	*10,500	*10,500	7,400	*6,700	*6,700	6,000	
	Lower 2 sets of stabilizers down				*14,300	*14,300	14,100	*10,500	*10,500	9,000	*6,700	*6,700	*6,700	
0.0 ft	Lower rear dozer up				10,200	6,600	5,900	6,700	4,400	4,000	5,800	3,800	3,500	22.31
	Lower rear dozer down				10,100	*14,500	6,700	6,700	*10,400	4,500	5,700	*7,500	3,900	
	Lower f. dozer & r. stabilizer down				*14,500	*14,500	11,100	*10,400	*10,400	7,300	*7,500	*7,500	6,200	
	Lower 2 sets of stabilizers down				*14,500	*14,500	13,800	*10,400	*10,400	8,900	*7,500	*7,500	*7,500	
-5.0 ft	Lower rear dozer up	*17,700	12,200	10,700	10,100	6,500	5,900	6,700	4,400	4,000	6,600	4,400	3,900	20.31
	Lower rear dozer down	*17,700	*17,700	12,400	10,100	*12,900	6,700	6,700	*8,700	4,500	6,600	*8,400	4,500	
	Lower f. dozer & r. stabilizer down	*17,700	*17,700	*17,700	*12,900	*12,900	11,100	*8,700	*8,700	7,300	*8,400	*8,400	7,200	
	Lower 2 sets of stabilizers down	*17,700	*17,700	*17,700	*12,900	*12,900	*12,900	*8,700	*8,700	*8,700	*8,400	*8,400	*8,400	
-10.0 ft	Lower rear dozer up	*12,100	*12,100	11,000	*8,600	6,700	6,100				*6,900	6,000	5,400	16.47
	Lower rear dozer down	*12,100	*12,100	*12,100	*8,600	*8,600	6,900				*6,900	*6,900	6,100	
	Lower f. dozer & r. stabilizer down	*12,100	*12,100	*12,100	*8,600	*8,600	*8,600				*6,900	*6,900	*6,900	
	Lower 2 sets of stabilizers down	*12,100	*12,100	*12,100	*8,600	*8,600	*8,600				*6,900	*6,900	*6,900	

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (6,180 lb), heavy lift on.

Medium Stick 7'7"	Load at maximum reach (stick nose/bucket pin)	Load over front			Load over rear			Load over side			Load point height			ft			
		5.0 ft			10.0 ft			15.0 ft			20.0 ft						
		Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear				
20.0 ft	Lower rear dozer up												*5,900	5,500	5,100	18.80	
	Lower rear dozer down												*5,900	*5,900	5,700		
	Lower f. dozer & r. stabilizer down												*5,900	*5,900	*5,900		
	Lower 2 sets of stabilizers down												*5,900	*5,900	*5,900		
15.0 ft	Lower rear dozer up							*10,400	8,000	7,200	7,300	5,000	4,600	*5,500	4,300	3,900	21.88
	Lower rear dozer down							*10,400	*10,400	8,100	7,300	*9,100	5,100	*5,500	*5,500	4,400	
	Lower f. dozer & r. stabilizer down							*10,400	*10,400	*10,400	*9,100	*9,100	7,900	*5,500	*5,500	*5,500	
	Lower 2 sets of stabilizers down							*10,400	*10,400	*10,400	*9,100	*9,100	*9,100	*5,500	*5,500	*5,500	
10.0 ft	Lower rear dozer up							11,100	7,400	6,700	7,100	4,800	4,400	*5,500	3,700	3,400	23.46
	Lower rear dozer down							11,100	*12,300	7,600	7,100	*9,700	4,900	*5,500	*5,500	3,800	
	Lower f. dozer & r. stabilizer down							*12,300	*12,300	12,100	*9,700	*9,700	7,700	*5,500	*5,500	*5,500	
	Lower 2 sets of stabilizers down							*12,300	*12,300	*12,300	*9,700	*9,700	9,300	*5,500	*5,500	*5,500	
5.0 ft	Lower rear dozer up							10,500	6,900	6,200	6,900	4,600	4,200	5,300	3,500	3,200	23.85
	Lower rear dozer down							10,500	*14,100	7,100	6,800	*10,400	4,700	5,300	*5,800	3,600	
	Lower f. dozer & r. stabilizer down							*14,100	*14,100	11,500	*10,400	*10,400	7,500	*5,800	*5,800	5,700	
	Lower 2 sets of stabilizers down							*14,100	*14,100	*14,100	*10,400	*10,400	9,000	*5,800	*5,800	*5,800	
0.0 ft	Lower rear dozer up				*10,400	*10,400	*10,400	10,200	6,600	5,900	6,700	4,400	4,000	5,500	3,600	3,300	23.13
	Lower rear dozer down				*10,400	*10,400	*10,400	10,100	*14,500	6,700	6,700	10,400	4,500	5,400	*6,500	3,700	
	Lower f. dozer & r. stabilizer down				*10,400	*10,400	*10,400	*14,500	*14,500	11,100	*10,500	*10,500	7,300	*6,500	*6,500	5,900	
	Lower 2 sets of stabilizers down				*10,400	*10,400	*10,400	*14,500	*14,500	13,800	*10,500	*10,500	8,900	*6,500	*6,500	*6,500	
-5.0 ft	Lower rear dozer up	*10,800	*10,800	*10,800	*18,900	12,100	10,600	10,100	6,500	5,800	6,700	4,400	3,900	6,200	4,100	3,700	21.19
	Lower rear dozer down	*10,800	*10,800	*10,800	*18,900	*18,900	12,300	10,000	*13,300	6,600	6,600	*9,400	4,500	6,100	*8,000	4,200	
	Lower f. dozer & r. stabilizer down	*10,800	*10,800	*10,800	*18,900	*18,900	*18,900	*13,300	*13,300	11,000	*9,400	*9,400	7,200	*8,000	*8,000	6,700	
	Lower 2 sets of stabilizers down	*10,800	*10,800	*10,800	*18,900	*18,900	*18,900	*13,300	*13,300	*13,300	*9,400	*9,400	8,800	*8,000	*8,000	*8,000	
-10.0 ft	Lower rear dozer up				*13,700	12,400	10,800	*9,800	6,600	6,000				*7,300	5,400	4,800	17.59
	Lower rear dozer down				*13,700	*13,700	12,600	*9,800	*9,800	6,800				*7,300	*7,300	5,500	
	Lower f. dozer & r. stabilizer down				*13,700	*13,700	*13,700	*9,800	*9,800	*9,800				*7,300	*7,300	*7,300	
	Lower 2 sets of stabilizers down				*13,700	*13,700	*13,700	*9,800	*9,800	*9,800				*7,300	*7,300	*7,300	

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (6,180 lb), heavy lift on.



Load at maximum reach (stick nose/bucket pin)



Load over front



Load over rear

Load over side

Load point height

Long  
Stick  
8'6"

Load point height	Undercarriage configuration	5.0 ft			10.0 ft			15.0 ft			20.0 ft			Load point height			ft			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side				
20.0 ft	Lower rear dozer up																	5,000	5,000	4,600
	Lower rear dozer down																	*5,000	*5,000	*5,000
	Lower f. dozer & r. stabilizer down																	*5,000	*5,000	*5,000
	Lower 2 sets of stabilizers down																	*5,000	*5,000	*5,000
15.0 ft	Lower rear dozer up													7,300	5,000	4,600		*4,700	3,900	3,600
	Lower rear dozer down													7,300	*8,700	5,100		*4,700	*4,700	4,000
	Lower f. dozer & r. stabilizer down													*8,700	*8,700	7,900		*4,700	*4,700	*4,700
	Lower 2 sets of stabilizers down													*8,700	*8,700	*8,700		*4,700	*4,700	*4,700
10.0 ft	Lower rear dozer up																			
	Lower rear dozer down																			
	Lower f. dozer & r. stabilizer down																			
	Lower 2 sets of stabilizers down																			
5.0 ft	Lower rear dozer up																			
	Lower rear dozer down																			
	Lower f. dozer & r. stabilizer down																			
	Lower 2 sets of stabilizers down																			
0.0 ft	Lower rear dozer up																			
	Lower rear dozer down																			
	Lower f. dozer & r. stabilizer down																			
	Lower 2 sets of stabilizers down																			
-5.0 ft	Lower rear dozer up																			
	Lower rear dozer down																			
	Lower f. dozer & r. stabilizer down																			
	Lower 2 sets of stabilizers down																			
-10.0 ft	Lower rear dozer up																			
	Lower rear dozer down																			
	Lower f. dozer & r. stabilizer down																			
	Lower 2 sets of stabilizers down																			

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, work tool: none, with counterweight (6,180 lb), heavy lift on.

Industrial Stick 9'6"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height			ft									
					5.0 ft	10.0 ft	15.0 ft		20.0 ft								
	Undercarriage configuration	Front	Rear	Left	Right	Center	Front	Rear	Center	Front	Rear	Center	Front	Rear	Center		
20.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
15.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
10.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
5.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
0.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
-5.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																
-10.0 ft	Lower rear dozer up																
	Lower rear dozer down																
	Lower f. dozer & r. stabilizer down																
	Lower 2 sets of stabilizers down																

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (7,280 lb), heavy lift on.

Short Stick 6'7"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height									
					10.0 ft	15.0 ft	20.0 ft							
	Undercarriage configuration											ft		
20.0 ft	Lower rear dozer up				*10,200	8,800	8,000				*7,200	6,600	6,000	17.78
	Lower rear dozer down				*10,200	*10,200	8,900				*7,200	*7,200	6,700	
	Lower f. dozer & r. stabilizer down				*10,200	*10,200	*10,200				*7,200	*7,200	*7,200	
	Lower 2 sets of stabilizers down				*10,200	*10,200	*10,200				*7,200	*7,200	*7,200	
15.0 ft	Lower rear dozer up				*10,900	8,500	7,800	7,800	5,400	4,900	*6,500	5,000	4,500	21.00
	Lower rear dozer down				*10,900	*10,900	8,700	7,800	*9,500	5,500	*6,500	*6,500	5,100	
	Lower f. dozer & r. stabilizer down				*10,900	*10,900	*10,900	*9,500	*9,500	8,400	*6,500	*6,500	*6,500	
	Lower 2 sets of stabilizers down				*10,900	*10,900	*10,900	*9,500	*9,500	*9,500	*6,500	*6,500	*6,500	
10.0 ft	Lower rear dozer up				11,800	8,000	7,300	7,600	5,200	4,800	6,300	4,300	3,900	22.64
	Lower rear dozer down				11,800	*12,800	8,200	7,600	*10,000	5,400	6,300	*6,400	4,400	
	Lower f. dozer & r. stabilizer down				*12,800	*12,800	*12,800	*10,000	*10,000	8,200	*6,400	*6,400	*6,400	
	Lower 2 sets of stabilizers down				*12,800	*12,800	*12,800	*10,000	*10,000	9,900	*6,400	*6,400	*6,400	
5.0 ft	Lower rear dozer up				11,300	7,500	6,800	7,400	5,000	4,600	6,000	4,100	3,700	23.06
	Lower rear dozer down				11,200	*14,300	7,700	7,400	*10,500	5,100	6,000	*6,700	4,200	
	Lower f. dozer & r. stabilizer down				*14,300	*14,300	12,300	*10,500	*10,500	8,000	*6,700	*6,700	6,500	
	Lower 2 sets of stabilizers down				*14,300	*14,300	*14,300	*10,500	*10,500	9,700	*6,700	*6,700	*6,700	
0.0 ft	Lower rear dozer up				11,000	7,300	6,500	7,300	4,900	4,400	6,200	4,200	3,800	22.31
	Lower rear dozer down				10,900	*14,500	7,400	7,200	*10,400	5,000	6,200	*7,500	4,300	
	Lower f. dozer & r. stabilizer down				*14,500	*14,500	12,000	*10,400	*10,400	7,900	*7,500	*7,500	6,700	
	Lower 2 sets of stabilizers down				*14,500	*14,500	*14,500	*10,400	*10,400	9,500	*7,500	*7,500	*7,500	
-5.0 ft	Lower rear dozer up	*17,700	13,400	11,800	11,000	7,200	6,500	7,300	4,900	4,400	7,100	4,800	4,400	20.31
	Lower rear dozer down	*17,700	*17,700	13,600	10,900	*12,900	7,400	7,200	*8,700	5,000	7,100	*8,400	4,900	
	Lower f. dozer & r. stabilizer down	*17,700	*17,700	*17,700	*12,900	*12,900	11,900	*8,700	*8,700	7,900	*8,400	*8,400	7,700	
	Lower 2 sets of stabilizers down	*17,700	*17,700	*17,700	*12,900	*12,900	*12,900	*8,700	*8,700	*8,700	*8,400	*8,400	*8,400	
-10.0 ft	Lower rear dozer up	*12,100	*12,100	12,100	*8,600	7,400	6,700				*6,900	6,600	5,900	16.47
	Lower rear dozer down	*12,100	*12,100	*12,100	*8,600	*8,600	7,600				*6,900	*6,900	6,700	
	Lower f. dozer & r. stabilizer down	*12,100	*12,100	*12,100	*8,600	*8,600	*8,600				*6,900	*6,900	*6,900	
	Lower 2 sets of stabilizers down	*12,100	*12,100	*12,100	*8,600	*8,600	*8,600				*6,900	*6,900	*6,900	

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (7,280 lb), heavy lift on.

**Medium Stick**  
7'7"

Load at maximum reach (stick nose/bucket pin)

Load over front

Load over rear

Load over side

Load point height

Load point height	Undercarriage configuration	5.0 ft			10.0 ft			15.0 ft			20.0 ft			ft												
		Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear										
20.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																								18.80	
15.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									21.88
10.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									23.46
5.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									23.85
0.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									23.13
-5.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									21.19
-10.0 ft	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down																									17.59

\*Limited by hydraulic rather than tipping load.

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Always refer to the appropriate Operation and Maintenance Manual for specific product information.



# M314F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in lb, work tool: none, with counterweight (7,280 lb), heavy lift on.

		Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height					
Industrial Stick 9'6"		5.0 ft		10.0 ft			15.0 ft			20.0 ft						ft			
20.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
15.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
10.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
5.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
0.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
-5.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		
-10.0 ft	Lower rear dozer up																		
	Lower rear dozer down																		
	Lower f. dozer & r. stabilizer down																		
	Lower 2 sets of stabilizers down																		

\*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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