

M314F

Wheeled Excavator



Lift Capacity Specifications

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M314F Wheeled Excavator Lift Charts

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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.

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
						Undercarriage configuration																					
						Front	Rear	Side	Front	Rear	Side	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	*2500	
	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	*2300	1600	1450	*2300	1600	1450	*2300	1600	1450	7710	
	Lower rear dozer down				5500	*5750	3750	3500	*4450	2450	2500	*3300	1700	*2300	*2300	1650	*2300	*2300	1650	*2300	*2300	1650	*2300	*2300	1650		
	Lower f. dozer & r. stabilizer down				*5750	*5750	*5750	*4450	*4450	3800	*3300	*3300	2700	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300		
	Lower 2 sets of stabilizers down				*5750	*5750	*5750	*4450	*4450	*4450	*3300	*3300	3250	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300	*2300		
1500 mm	Lower rear dozer up				5200	3400	3050	3400	2250	2050	2450	1600	1450	2300	1500	1350	2300	1500	1350	2300	1500	1350	2300	1500	1350	7810	
	Lower rear dozer down				5150	*6450	3500	3400	*4700	2300	2450	*3700	1650	2300	*2400	1550	2300	*2400	1550	2300	*2400	1550	2300	*2400	1550		
	Lower f. dozer & r. stabilizer down				*6450	*6450	5650	*4700	*4700	3650	*3700	*3700	2650	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400		
	Lower 2 sets of stabilizers down				*6450	*6450	*6450	*4700	*4700	4450	*3700	*3700	3200	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400	*2400		
0 mm	Lower rear dozer up				5000	3250	2900	3300	2150	1950	2400	1600	1450	2350	1550	1400	2350	1550	1400	2350	1550	1400	2350	1550	1400	7610	
	Lower rear dozer down				5000	*6500	3300	3300	*4700	2200	2400	*3450	1650	2350	*2650	1600	2350	*2650	1600	2350	*2650	1600	2350	*2650	1600		
	Lower f. dozer & r. stabilizer down				*6500	*6500	5450	*4700	*4700	3550	*3450	*3450	2600	*2650	*2650	2550	*2650	*2650	2550	*2650	*2650	2550	*2650	*2650	2550		
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4700	*4700	4350	*3450	*3450	3150	*2650	*2650	*2650	*2650	*2650	*2650	*2650	*2650	*2650	*2650	*2650	*2650		
-1500 mm	Lower rear dozer up				*6350	5950	5200	4950	3200	2850	3250	2150	1900	2600	1700	1550	2600	1700	1550	2600	1700	1550	2600	1700	1550	7080	
	Lower rear dozer down				*6350	*6350	6050	4950	*5850	3250	3250	*4250	2200	2600	*3100	1750	2600	*3100	1750	2600	*3100	1750	2600	*3100	1750		
	Lower f. dozer & r. stabilizer down				*6350	*6350	*6350	*5850	*5850	5400	*4250	*4250	3550	*3100	*3100	2800	*3100	*3100	2800	*3100	*3100	2800	*3100	*3100	2800		
	Lower 2 sets of stabilizers down				*6350	*6350	*6350	*5850	*5850	*5850	*4250	*4250	*4250	*3100	*3100	*3100	*3100	*3100	*3100	*3100	*3100	*3100	*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	 Undercarriage configuration	 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 Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*4200	*4200	4000										*3500	3400	3150	5250
6000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*4100	*4100	4050	3950	2800	2600							*3150	2400	2200	6600
4500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*4600	4250	3900	3900	2750	2550							2850	2000	1850	7390
3000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				*5800	4000	3650	3800	2650	2450	2750	1900	1750	2550	1800	1650	2550	1800	1650	7800
1500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				5500	3700	3350	3650	2500	2300	2650	1850	1700	2500	1700	1600	2500	1700	1600	7900
0 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down				5300	3550	3200	3550	2400	2200	2600	1800	1650	2550	1750	1600	2500	1750	1600	7710
-1500 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*7400	6300	5550	5250	3450	3150	3500	2400	2150				2750	1900	1750	2750	*3550	1950	7180
-3000 mm	Lower rear dozer up Lower rear dozer down Lower f. dozer & r. stabilizer down Lower 2 sets of stabilizers down	*6800	6400	5600	*5100	3500	3150	3500	2400	2200				*3250	2300	2100	*3250	*3250	2350	6250

*Limited by hydraulic rather than tipping load.

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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	Undercarriage configuration																
						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.

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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.













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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 point height mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm				
																			
7500 mm	4690	Lower rear dozer up														*2700	*2700	*2700	
		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	6170	Lower rear dozer up							*2850	2350	2150					*2250	2250	2050	
		Lower rear dozer down							*2850	*2850	2400					*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	7010	Lower rear dozer up							3400	2350	2150					*2150	1750	1600	
		Lower rear dozer down							3400	*4000	2400					*2150	*2150	1800	
		Lower f. dozer & r. stabilizer down							*4000	*4000	3700					*2150	*2150	*2150	
		Lower 2 sets of stabilizers down							*4000	*4000	*4000					*2150	*2150	*2150	
3000 mm	7450	Lower rear dozer up				5200	3450	3150	3300	2250	2050					*2150	1550	1400	
		Lower rear dozer down				5150	*5450	3550	3300	*4300	2300					*2150	*2150	1600	
		Lower f. dozer & r. stabilizer down				*5450	*5450	*5450	*4300	*4300	3600					*2150	*2150	*2150	
		Lower 2 sets of stabilizers down				*5450	*5450	*5450	*4300	*4300	*4300					*2150	*2150	*2150	
1500 mm	7550	Lower rear dozer up				4900	3200	2850	3200	2100	1900	2250	1500	1350	2250	1500	1350		
		Lower rear dozer down				4850	*6350	3250	3150	*4700	2150	2250	*2600	*2600	1550	2250	*2250	1500	
		Lower f. dozer & r. stabilizer down				*6350	*6350	5350	*4700	*4700	3450	*2600	*2600	2450	*2250	*2250	*2250		
		Lower 2 sets of stabilizers down				*6350	*6350	*6350	*4700	*4700	4200	*2600	*2600	*2600	*2250	*2250	*2250		
0 mm	7350	Lower rear dozer up	*4750	*4750	*4750	4700	3000	2700	3100	2000	1800				2300	1500	1350		
		Lower rear dozer down	*4750	*4750	*4750	4700	*6650	3100	3050	*4850	2050				2300	*2500	1550		
		Lower f. dozer & r. stabilizer down	*4750	*4750	*4750	*6650	*6650	5150	*4850	*4850	3350				*2500	*2500	2500		
		Lower 2 sets of stabilizers down	*4750	*4750	*4750	*6650	*6650	6400	*4850	*4850	4100				*2500	*2500	*2500		
-1500 mm	6790	Lower rear dozer up	*8050	5550	4850	4650	2950	2650	3050	2000	1800				2550	1700	1500		
		Lower rear dozer down	*8050	*8050	5650	4600	*6250	3050	3050	*4500	2050				2550	*3050	1750		
		Lower f. dozer & r. stabilizer down	*8050	*8050	*8050	*6250	*6250	5050	*4500	*4500	3300				*3050	*3050	2800		
		Lower 2 sets of stabilizers down	*8050	*8050	*8050	*6250	*6250	*6250	*4500	*4500	4050				*3050	*3050	*3050		
-3000 mm	5790	Lower rear dozer up	*7000	5650	4950	4700	3000	2700							3250	2150	1950		
		Lower rear dozer down	*7000	*7000	5750	4650	*5000	3100							3250	*3300	2200		
		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.

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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						
		Stick up	Stick down	Stick & r. stabilizer down	Stick up	Stick down	Stick & r. stabilizer down	Stick up	Stick down	Stick & r. stabilizer down	Stick up	Stick down	Stick & r. stabilizer down				
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	2050	
	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.



Load at maximum reach (stick nose/bucket pin)



Load over front



Load over rear



Load over side



Load point height

**Short
Stick
2000 mm**

Load point height mm	Undercarriage configuration	3000 mm			4500 mm			6000 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 point height	Load point height	Load point height		
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.

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 (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			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												*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.

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 (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												
					3000 mm			4500 mm			6000 mm			7500 mm			mm
					Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	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 – Offset 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	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Undercarriage configuration																	
						3000 mm			4500 mm			6000 mm			mm								
7500 mm	Lower rear dozer up																						
	Lower rear dozer down																						
	Lower f. dozer & r. stabilizer down																						
	Lower 2 sets of stabilizers down																						
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																						

*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 – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3300 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	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																									
	Lower rear dozer down																									
	Lower f. dozer & r. stabilizer down																									
	Lower 2 sets of stabilizers down																									
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.

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AEXQ1609 (01-2016)
(Europe)

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