M314F
Wheeled Excavator

Lift Capacity Specifications

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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.

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

Short Stick 2000 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
7500 mm	Lower rear dozer up										*4400	4100	3700	4210
	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				*3500	2400	2200	5820
	Lower rear dozer down				*4900	*4900	3850				*3500	*3500	2450	
	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	3600	3250	3350	2250	2050	2800	1850	1700	6710
	Lower rear dozer down				5350	*5350	3650	3350	*4400	2350	2750	*3200	1900	
	Lower f. dozer & r. stabilizer down				*5350	*5350	*5350	*4400	*4400	3650	*3200	*3200	3000	
	Lower 2 sets of stabilizers down				*5350	*5350	*5350	*4400	*4400	4400	*3200	*3200	*3200	
3000 mm	Lower rear dozer up				5050	3300	3000	3250	2150	1950	2450	1650	1450	7160
	Lower rear dozer down				5050	*6150	3400	3250	*4650	2200	2450	*3150	1650	
	Lower f. dozer & r. stabilizer down				*6150	*6150	5500	*4650	*4650	3550	*3150	*3150	2650	
	Lower 2 sets of stabilizers down				*6150	*6150	*6150	*4650	*4650	4300	*3150	*3150	*3150	
1500 mm	Lower rear dozer up				4800	3050	2750	3150	2050	1850	2350	1550	1400	7280
	Lower rear dozer down				4750	*6650	3150	3150	*4800	2100	2350	*3250	1600	
	Lower f. dozer & r. stabilizer down				*6650	*6650	5200	*4800	*4800	3400	*3250	*3250	2550	
	Lower 2 sets of stabilizers down				*6650	*6650	6500	*4800	*4800	4150	*3250	*3250	3100	
0 mm	Lower rear dozer up				4650	2950	2650	3050	2000	1800	2450	1600	1450	7060
	Lower rear dozer down				4650	*6400	3050	3050	*4650	2050	2450	*3550	1650	
	Lower f. dozer & r. stabilizer down				*6400	*6400	5100	*4650	*4650	3350	*3550	*3550	2650	
	Lower 2 sets of stabilizers down				*6400	*6400	6350	*4650	*4650	4100	*3550	*3550	3250	
–1500 mm	Lower rear dozer up	*6650	5600	4850	4650	2950	2650	3050	2000	1800	2800	1800	1650	6480
	Lower rear dozer down	*6650	*6650	5650	4600	*5450	3000	3050	*3900	2050	2750	*3200	1850	
	Lower f. dozer & r. stabilizer down	*6650	*6650	*6650	*5450	*5450	5100	*3900	*3900	3350	*3200	*3200	3000	
	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.

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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.

 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	3000 mm			4500 mm			6000 mm			7500 mm						mm
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.

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

Long Stick 2600 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						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

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
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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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

Short Stick 2000 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
														
7500 mm	Lower rear dozer up										*4400	*4400	4000	4210
	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	5820
	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	6710
	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	7160
	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	7280
	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	7060
	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	6480
	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	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
7500 mm	Lower rear dozer up				*3950	*3950	3700							*3450	*3450	*3450	4640
	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	6130
	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	6980
	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	7420
	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	7520
	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	7320
	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	6760
	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.

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

Long Stick 2600 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
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.

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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.

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

Industrial Stick
2900 mm

Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						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	*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.

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

Short Stick 2000 mm

Undercarriage configuration	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.

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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

Medium Stick
2300 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
6000 mm	Lower rear dozer up										*2650	2450	2250	5810
	Lower rear dozer down										*2650	*2650	2500	
	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	3700	3350	3400	2300	2100	*2500	1900	1750	6700
	Lower rear dozer down				*4800	*4800	3750	3400	*4200	2400	*2500	*2500	1950	
	Lower f. dozer & r. stabilizer down				*4800	*4800	*4800	*4200	*4200	3700	*2500	*2500	*2500	
	Lower 2 sets of stabilizers down				*4800	*4800	*4800	*4200	*4200	*4200	*2500	*2500	*2500	
3000 mm	Lower rear dozer up				5150	3450	3100	3300	2250	2050	*2500	1650	1500	7160
	Lower rear dozer down				5150	*5700	3500	3300	*4500	2300	*2500	*2500	1700	
	Lower f. dozer & r. stabilizer down				*5700	*5700	5600	*4500	*4500	3600	*2500	*2500	*2500	
	Lower 2 sets of stabilizers down				*5700	*5700	*5700	*4500	*4500	4350	*2500	*2500	*2500	
1500 mm	Lower rear dozer up				4900	3200	2900	3200	2100	1900	2400	1600	1450	7270
	Lower rear dozer down				4850	*6500	3250	3200	*4800	2200	2400	*2650	1650	
	Lower f. dozer & r. stabilizer down				*6500	*6500	5300	*4800	*4800	3450	*2650	*2650	2600	
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*4800	*4800	4200	*2650	*2650	*2650	
0 mm	Lower rear dozer up	*4500	*4500	*4500	4750	3050	2750	3100	2050	1850	2500	1650	1500	7050
	Lower rear dozer down	*4500	*4500	*4500	4700	*6700	3100	3100	*4850	2100	2450	*2950	1700	
	Lower f. dozer & r. stabilizer down	*4500	*4500	*4500	*6700	*6700	5150	*4850	*4850	3350	*2950	*2950	2700	
	Lower 2 sets of stabilizers down	*4500	*4500	*4500	*6700	*6700	6400	*4850	*4850	4100	*2950	*2950	*2950	
–1500 mm	Lower rear dozer up	*8600	5600	4900	4700	3000	2700	3100	2000	1850	2800	1850	1650	6470
	Lower rear dozer down	*8600	*8600	5700	4650	*6150	3100	3050	*4350	2100	2750	*3650	1900	
	Lower f. dozer & r. stabilizer down	*8600	*8600	*8600	*6150	*6150	5100	*4350	*4350	3350	*3650	*3650	3000	
	Lower 2 sets of stabilizers down	*8600	*8600	*8600	*6150	*6150	*6150	*4350	*4350	4100	*3650	*3650	*3650	
–3000 mm	Lower rear dozer up	*6400	5750	5050	*4600	3050	2750				*3350	2400	2150	5400
	Lower rear dozer down	*6400	*6400	5850	*4600	*4600	3150				*3350	*3350	2450	
	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.

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

Undercarriage configuration	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	2350	2150				*2250	2250	2050	6170
	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	Lower rear dozer up							3400	2350	2150				*2150	1750	1600	7010
	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	Lower rear dozer up				5200	3450	3150	3300	2250	2050				*2150	1550	1400	7450
	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	Lower rear dozer up				4900	3200	2850	3200	2100	1900	2250	1500	1350	2250	1500	1350	7550
	Lower rear dozer down				4850	*6350	3250	3150	*4700	2150	2250	*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	Lower rear dozer up	*4750	*4750	*4750	4700	3000	2700	3100	2000	1800				2300	1500	1350	7350
	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	Lower rear dozer up	*8050	5550	4850	4650	2950	2650	3050	2000	1800				2550	1700	1500	6790
	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	Lower rear dozer up	*7000	5650	4950	4700	3000	2700							3250	2150	1950	5790
	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.

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.

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

Industrial Stick
2900 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
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.

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

Undercarriage configuration	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

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						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.

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

Long Stick 2600 mm

	Undercarriage configuration	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.

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.

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

Industrial Stick
2900 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
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.

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.

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

Short Stick 2000 mm

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
														
7500 mm	Lower rear dozer up										*4200	*4200	3950	4200
	Lower rear dozer down										*4200	*4200	*4200	
	Lower f. dozer & r. stabilizer down										*4200	*4200	*4200	
	Lower 2 sets of stabilizers down										*4200	*4200	*4200	
6000 mm	Lower rear dozer up				*4800	4050	3650				*3350	2500	2250	5810
	Lower rear dozer down				*4800	*4800	4100				*3350	*3350	2550	
	Lower f. dozer & r. stabilizer down				*4800	*4800	*4800				*3350	*3350	*3350	
	Lower 2 sets of stabilizers down				*4800	*4800	*4800				*3350	*3350	*3350	
4500 mm	Lower rear dozer up				*5200	3850	3450	3500	2350	2150	2900	1900	1700	6700
	Lower rear dozer down				*5200	*5200	3900	3500	*4250	2400	2900	*3100	1950	
	Lower f. dozer & r. stabilizer down				*5200	*5200	*5200	*4250	*4250	3800	*3100	*3100	*3100	
	Lower 2 sets of stabilizers down				*5200	*5200	*5200	*4250	*4250	*4250	*3100	*3100	*3100	
3000 mm	Lower rear dozer up				5250	3450	3100	3400	2250	2000	2550	1650	1500	7160
	Lower rear dozer down				5250	*5900	3500	3350	*4450	2300	2500	*3050	1700	
	Lower f. dozer & r. stabilizer down				*5900	*5900	5750	*4450	*4450	3650	*3050	*3050	2750	
	Lower 2 sets of stabilizers down				*5900	*5900	*5900	*4450	*4450	*4450	*3050	*3050	*3050	
1500 mm	Lower rear dozer up				4900	3100	2750	3200	2100	1850	2400	1550	1400	7270
	Lower rear dozer down				4900	*6300	3200	3200	*4550	2150	2400	*3150	1600	
	Lower f. dozer & r. stabilizer down				*6300	*6300	5350	*4550	*4550	3500	*3150	*3150	2650	
	Lower 2 sets of stabilizers down				*6300	*6300	*6300	*4550	*4550	4300	*3150	*3150	*3150	
0 mm	Lower rear dozer up				4750	2950	2600	3100	2000	1750	2500	1600	1400	7050
	Lower rear dozer down				4700	*6000	3050	3100	*4350	2050	2500	*3350	1650	
	Lower f. dozer & r. stabilizer down				*6000	*6000	5200	*4350	*4350	3400	*3350	*3350	2700	
	Lower 2 sets of stabilizers down				*6000	*6000	*6000	*4350	*4350	4200	*3350	*3350	3350	
–1500 mm	Lower rear dozer up	*6200	5600	4850	4750	2950	2600	3100	2000	1750	2850	1800	1600	6470
	Lower rear dozer down	*6200	*6200	5700	4700	*5050	3000	3100	*3600	2050	2800	*2950	1850	
	Lower f. dozer & r. stabilizer down	*6200	*6200	*6200	*5050	*5050	*5050	*3600	*3600	3400	*2950	*2950	*2950	
	Lower 2 sets of stabilizers down	*6200	*6200	*6200	*5050	*5050	*5050	*3600	*3600	*3600	*2950	*2950	*2950	

*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.

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

Medium Stick
2300 mm

		3000 mm			4500 mm			6000 mm			7500 mm						
	Undercarriage configuration																mm
7500 mm	Lower rear dozer up				*3800	*3800	3650							*3300	*3300	*3300	4630
	Lower rear dozer down				*3800	*3800	*3800							*3300	*3300	*3300	
	Lower f. dozer & r. stabilizer down				*3800	*3800	*3800							*3300	*3300	*3300	
	Lower 2 sets of stabilizers down				*3800	*3800	*3800							*3300	*3300	*3300	
6000 mm	Lower rear dozer up				*4550	4100	3750	*3300	2450	2200				*2750	2350	2100	6120
	Lower rear dozer down				*4550	*4550	4200	*3300	*3300	2500				*2750	*2750	2400	
	Lower f. dozer & r. stabilizer down				*4550	*4550	*4550	*3300	*3300	*3300				*2750	*2750	*2750	
	Lower 2 sets of stabilizers down				*4550	*4550	*4550	*3300	*3300	*3300				*2750	*2750	*2750	
4500 mm	Lower rear dozer up				*5000	3900	3500	3550	2400	2200				*2600	1800	1600	6970
	Lower rear dozer down				*5000	*5000	3950	3550	*4100	2450				*2600	*2600	1850	
	Lower f. dozer & r. stabilizer down				*5000	*5000	*5000	*4100	*4100	3850				*2600	*2600	*2600	
	Lower 2 sets of stabilizers down				*5000	*5000	*5000	*4100	*4100	*4100				*2600	*2600	*2600	
3000 mm	Lower rear dozer up				5350	3500	3150	3400	2250	2050				2400	1550	1400	7410
	Lower rear dozer down				5350	*5700	3600	3400	*4350	2300				2400	*2600	1600	
	Lower f. dozer & r. stabilizer down				*5700	*5700	*5700	*4350	*4350	3700				*2600	*2600	*2600	
	Lower 2 sets of stabilizers down				*5700	*5700	*5700	*4350	*4350	*4350				*2600	*2600	*2600	
1500 mm	Lower rear dozer up				4950	3150	2800	3250	2100	1900	2300	1500	1300	2300	1450	1300	7520
	Lower rear dozer down				4900	*6250	3200	3200	*4550	2150	2300	*2850	1500	2300	*2700	1500	
	Lower f. dozer & r. stabilizer down				*6250	*6250	5400	*4550	*4550	3500	*2850	*2850	2500	*2700	*2700	2500	
	Lower 2 sets of stabilizers down				*6250	*6250	*6250	*4550	*4550	4300	*2850	*2850	*2850	*2700	*2700	*2700	
0 mm	Lower rear dozer up				4750	2950	2600	3100	2000	1750				2350	1500	1350	7310
	Lower rear dozer down				4700	*6100	3050	3100	*4450	2050				2350	*3000	1550	
	Lower f. dozer & r. stabilizer down				*6100	*6100	5200	*4450	*4450	3400				*3000	*3000	2550	
	Lower 2 sets of stabilizers down				*6100	*6100	*6100	*4450	*4450	4200				*3000	*3000	*3000	
–1500 mm	Lower rear dozer up	*6900	5550	4750	4700	2950	2600	3100	1950	1750				2650	1700	1500	6750
	Lower rear dozer down	*6900	*6900	5600	4700	*5300	3000	3100	*3800	2000				2650	*2950	1750	
	Lower f. dozer & r. stabilizer down	*6900	*6900	*6900	*5300	*5300	5150	*3800	*3800	3350				*2950	*2950	2900	
	Lower 2 sets of stabilizers down	*6900	*6900	*6900	*5300	*5300	*5300	*3800	*3800	*3800				*2950	*2950	*2950	
–3000 mm	Lower rear dozer up				*3650	3050	2700										
	Lower rear dozer down				*3650	*3650	3100										
	Lower f. dozer & r. stabilizer down				*3650	*3650	*3650										
	Lower 2 sets of stabilizers down				*3650	*3650	*3650										

*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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Notes

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