

# M316F

Wheeled Excavator



## Lift Capacity Specifications

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# M316F 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 (3200 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  
2100 mm

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm		
																
7500 mm	Lower rear dozer up				*5700	4300	3900							*4700	3950	3600
	Lower rear dozer down				*5700	*5700	4350							*4700	*4700	4000
	Lower f. dozer & r. stabilizer down				*5700	*5700	*5700							*4700	*4700	*4700
	Lower 2 sets of stabilizers down				*5700	*5700	*5700							*4700	*4700	*4700
	Lower rear dozer up (HD – parallel dozer)				*5750	4600	4000							*4700	4200	3650
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5750	*5750	*5750							*4700	*4700	*4700
6000 mm	Lower rear dozer up				*5650	4350	3950	4000	2650	2400				3800	2500	2250
	Lower rear dozer down				*5650	*5650	4400	4000	*5000	2700				3800	*3900	2550
	Lower f. dozer & r. stabilizer down				*5650	*5650	*5650	*5000	*5000	4150				*3900	*3900	*3900
	Lower 2 sets of stabilizers down				*5650	*5650	*5650	*5000	*5000	5000				*3900	*3900	*3900
	Lower rear dozer up (HD – parallel dozer)				*5650	4650	4050	4150	2850	2500				*3900	2700	2350
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5650	*5650	*5650	*5050	*5050	4300				*3900	*3900	*3900
4500 mm	Lower rear dozer up				*6300	4150	3750	3950	2600	2350				3050	2000	1800
	Lower rear dozer down				*6300	*6300	4200	3950	*5100	2650				3050	*3650	2000
	Lower f. dozer & r. stabilizer down				*6300	*6300	*6300	*5100	*5100	4100				*3650	*3650	3150
	Lower 2 sets of stabilizers down				*6300	*6300	*6300	*5100	*5100	4950				*3650	*3650	*3650
	Lower rear dozer up (HD – parallel dozer)				*6300	4450	3800	4150	2800	2450				3150	2150	1850
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6300	*6300	*6300	*5100	*5100	4250				*3650	*3650	3250
3000 mm	Lower rear dozer up				5950	3750	3400	3850	2450	2250				2750	1750	1550
	Lower rear dozer down				5900	*7300	3850	3800	*5400	2500				2700	*3600	1800
	Lower f. dozer & r. stabilizer down				*7300	*7300	6150	*5400	*5400	3950				*3600	*3600	2850
	Lower 2 sets of stabilizers down				*7300	*7300	*7300	*5400	*5400	4800				*3600	*3600	3400
	Lower rear dozer up (HD – parallel dozer)				6150	4050	3450	4000	2650	2300				2850	1900	1600
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7300	*7300	6350	*5400	*5400	4100				*3600	*3600	2900
1500 mm	Lower rear dozer up				5600	3450	3100	3650	2350	2100	2650	1650	1500	2600	1650	1500
	Lower rear dozer down				5550	*7900	3550	3650	5550	2400	2650	3900	1700	2600	*3750	1700
	Lower f. dozer & r. stabilizer down				*7900	*7900	5800	*5750	5700	3800	*4300	4050	2750	*3750	*3750	2700
	Lower 2 sets of stabilizers down				*7900	*7900	7200	*5750	*5750	4600	*4300	4200	3300	*3750	*3750	3300
	Lower rear dozer up (HD – parallel dozer)				5800	3750	3200	3800	2500	2150	2750	1800	1550	2750	1800	1550
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7900	*7900	6000	*5750	*5750	3950	*4300	*4300	2850	*3750	*3750	2800
0 mm	Lower rear dozer up				5450	3350	2950	3550	2250	2000				2700	1700	1550
	Lower rear dozer down				5400	*7700	3400	3550	5450	2300				2700	4000	1750
	Lower f. dozer & r. stabilizer down				*7700	*7700	5650	*5650	5600	3700				*4100	*4100	2800
	Lower 2 sets of stabilizers down				*7700	*7700	7000	*5650	*5650	4500				*4100	*4100	3400
	Lower rear dozer up (HD – parallel dozer)				5650	3600	3050	3750	2450	2050				2850	1850	1600
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7650	*7650	5850	*5650	*5650	3850				*4100	*4100	2900
-1500 mm	Lower rear dozer up	*7100	6300	5450	5450	3300	2950	3550	2250	2000				3050	1900	1700
	Lower rear dozer down	*7100	*7100	6400	5400	*6700	3400	3550	*4900	2300				3000	*3800	1950
	Lower f. dozer & r. stabilizer down	*7100	*7100	*7100	*6700	*6700	5650	*4900	*4900	3700				*3800	*3800	3150
	Lower 2 sets of stabilizers down	*7100	*7100	*7100	*6700	*6700	*6700	*4900	*4900	4500				*3800	*3800	3800
	Lower rear dozer up (HD – parallel dozer)	*7200	6900	5600	5650	3600	3050	3700	2400	2050				3200	2100	1800
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7200	*7200	*7200	*6650	*6650	5850	*4900	*4900	3800				*3800	*3800	3250
-3000 mm	Lower rear dozer up				*4750	3400	3050									
	Lower rear dozer down				*4750	*4750	3500									
	Lower f. dozer & r. stabilizer down				*4750	*4750	*4750									
	Lower 2 sets of stabilizers down				*4750	*4750	*4750									
	Lower rear dozer up (HD – parallel dozer)				*4700	3700	3150									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4700	*4700	*4700									

\*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.

# M316F 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 (3200 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  
2400 mm

Load at maximum reach (stick nose/bucket pin)	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load point height	Load point height	Load point height	
7500 mm	Lower rear dozer up				*5350	4400	4000							*3850	3450	3150	5130
	Lower rear dozer down				*5350	*5350	4450							*3850	*3850	3500	
	Lower f. dozer & r. stabilizer down				*5350	*5350	*5350							*3850	*3850	*3850	
	Lower 2 sets of stabilizers down				*5350	*5350	*5350							*3850	*3850	*3850	
	Lower rear dozer up (HD – parallel dozer)				*5350	4700	4100							*3850	3700	3200	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5350	*5350	*5350							*3850	*3850	*3850	
6000 mm	Lower rear dozer up				*5350	4400	4000	4050	2700	2450				*3300	2300	2100	6500
	Lower rear dozer down				*5350	*5350	4500	4050	*4850	2750				*3300	*3300	2350	
	Lower f. dozer & r. stabilizer down				*5350	*5350	*5350	*4850	*4850	4200				*3300	*3300	*3300	
	Lower 2 sets of stabilizers down				*5350	*5350	*5350	*4850	*4850	*4850				*3300	*3300	*3300	
	Lower rear dozer up (HD – parallel dozer)				*5350	4700	4100	4250	2900	2500				*3300	2450	2150	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5350	*5350	*5350	*4850	*4850	4350				*3300	*3300	*3300	
4500 mm	Lower rear dozer up				*6050	4200	3800	4000	2650	2400				2850	1850	1700	7290
	Lower rear dozer down				*6050	*6050	4250	4000	*4950	2700				2850	*3100	1900	
	Lower f. dozer & r. stabilizer down				*6050	*6050	*6050	*4950	*4950	4150				*3100	*3100	3000	
	Lower 2 sets of stabilizers down				*6050	*6050	*6050	*4950	*4950	*4950				*3100	*3100	*3100	
	Lower rear dozer up (HD – parallel dozer)				*6050	4500	3850	4150	2850	2450				3000	2000	1750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6050	*6050	*6050	*4950	*4950	4250				*3100	*3100	3050	
3000 mm	Lower rear dozer up				6000	3850	3450	3850	2500	2250	2700	1750	1550	2600	1650	1500	7710
	Lower rear dozer down				6000	*7100	3900	3850	*5250	2550	2700	3950	1750	2550	*3100	1700	
	Lower f. dozer & r. stabilizer down				*7100	*7100	6200	*5250	*5250	4000	*4250	4100	2800	*3100	*3100	2700	
	Lower 2 sets of stabilizers down				*7100	*7100	*7100	*5250	*5250	4800	*4250	*4250	3400	*3100	*3100	*3100	
	Lower rear dozer up (HD – parallel dozer)				6200	4100	3500	4000	2700	2300	2800	1850	1600	2700	1750	1500	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7100	*7100	6400	*5250	*5250	4100	*4250	*4250	2900	*3100	*3100	2750	
1500 mm	Lower rear dozer up				5600	3500	3100	3700	2350	2100	2650	1650	1500	2500	1550	1400	7810
	Lower rear dozer down				5600	*7850	3550	3650	5550	2400	2650	3900	1700	2450	*3200	1600	
	Lower f. dozer & r. stabilizer down				*7850	*7850	5850	*5700	*5700	3800	*4450	4050	2750	*3200	*3200	2600	
	Lower 2 sets of stabilizers down				*7850	*7850	7200	*5700	*5700	4650	*4450	4200	3300	*3200	*3200	3100	
	Lower rear dozer up (HD – parallel dozer)				5850	3800	3200	3850	2500	2150	2750	1800	1550	2600	1700	1450	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7850	*7850	6000	*5700	*5700	3950	*4450	4350	2850	*3200	*3200	2650	
0 mm	Lower rear dozer up				5450	3300	2950	3550	2250	2000	2600	1650	1450	2550	1600	1450	7600
	Lower rear dozer down				5400	*7750	3400	3550	5450	2300	2600	3850	1650	2550	*3500	1650	
	Lower f. dozer & r. stabilizer down				*7750	*7750	5650	*5650	5600	3700	*4200	4000	2700	*3500	*3500	2650	
	Lower 2 sets of stabilizers down				*7750	*7750	7000	*5650	*5650	4500	*4200	4150	3250	*3500	*3500	3200	
	Lower rear dozer up (HD – parallel dozer)				5650	3600	3050	3700	2400	2050	2700	1750	1500	2650	1750	1500	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7750	*7750	5800	*5650	*5650	3800	*4200	*4200	2800	*3550	*3550	2750	
-1500 mm	Lower rear dozer up	*7050	6200	5350	5400	3300	2900	3550	2200	1950				2850	1800	1600	7060
	Lower rear dozer down	*7050	*7050	6300	5350	*6950	3350	3500	*5100	2250				2800	*3750	1800	
	Lower f. dozer & r. stabilizer down	*7050	*7050	*7050	*6950	*6950	5600	*5100	*5100	3650				*3750	*3750	2950	
	Lower 2 sets of stabilizers down	*7050	*7050	*7050	*6950	*6950	*6950	*5100	*5100	4450				*3750	*3750	3550	
	Lower rear dozer up (HD – parallel dozer)	*7100	6800	5500	5600	3550	3000	3700	2400	2050				2950	1950	1650	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7100	*7100	*7100	*6900	*6900	5800	*5100	*5100	3800				*3750	*3750	3050	
-3000 mm	Lower rear dozer up				*5200	3350	3000	*3350	2300	2050							
	Lower rear dozer down				*5200	*5200	3450	*3350	*3350	2350							
	Lower f. dozer & r. stabilizer down				*5200	*5200	*5200	*3350	*3350	*3350							
	Lower 2 sets of stabilizers down				*5200	*5200	*5200	*3350	*3350	*3350							
	Lower rear dozer up (HD – parallel dozer)				*5200	3650	3100										
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5200	*5200	*5200										

\*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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# M316F 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 (3200 kg), heavy lift on.

Long Stick 2600 mm		 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height			mm	
		3000 mm		4500 mm			6000 mm			7500 mm								
																		
7500 mm	Lower rear dozer up				*5000	4450	4050								*3450	3150	2900	5430
	Lower rear dozer down				*5000	*5000	4550								*3450	*3450	3250	
	Lower f. dozer & r. stabilizer down				*5000	*5000	*5000								*3450	*3450	*3450	
	Lower 2 sets of stabilizers down				*5000	*5000	*5000								*3450	*3450	*3450	
	Lower rear dozer up (HD – parallel dozer)				*5000	4750	4150								*3450	3350	2950	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5000	*5000	*5000								*3450	*3450	*3450	
6000 mm	Lower rear dozer up				*4900	4450	4050	4100	2750	2500					*3000	2200	2000	6730
	Lower rear dozer down				*4900	*4900	4500	4100	*4700	2800					*3000	*3000	2250	
	Lower f. dozer & r. stabilizer down				*4900	*4900	*4900	*4700	*4700	4250					*3000	*3000	*3000	
	Lower 2 sets of stabilizers down				*4900	*4900	*4900	*4700	*4700	*4700					*3000	*3000	*3000	
	Lower rear dozer up (HD – parallel dozer)				*4900	4750	4150	4250	2900	2550					*3000	2350	2050	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4900	*4900	*4900	*4700	*4700	4350					*3000	*3000	*3000	
4500 mm	Lower rear dozer up				*5750	4250	3800	4000	2650	2400	2750	1750	1600	2750	1750	1600	7500	
	Lower rear dozer down				*5750	*5750	4300	4000	*4900	2700	2750	*2850	1800	2750	*2800	1800		
	Lower f. dozer & r. stabilizer down				*5750	*5750	*5750	*4900	*4900	4150	*2850	*2850	*2850	*2800	*2800	*2800		
	Lower 2 sets of stabilizers down				*5750	*5750	*5750	*4900	*4900	*4900	*2850	*2850	*2850	*2800	*2800	*2800		
	Lower rear dozer up (HD – parallel dozer)				*5800	4550	3900	4200	2850	2450	2850	1900	1650	*2800	1900	1650		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5800	*5800	*5800	*4900	*4900	4300	*2900	*2900	*2900	*2800	*2800	*2800		
3000 mm	Lower rear dozer up				6050	3850	3450	3850	2500	2250	2700	1750	1550	2500	1600	1400	7910	
	Lower rear dozer down				6000	*6900	3950	3850	*5200	2550	2700	4000	1800	2450	*2800	1600		
	Lower f. dozer & r. stabilizer down				*6900	*6900	6250	*5200	*5200	4000	*4150	4100	2800	*2800	*2800	2600		
	Lower 2 sets of stabilizers down				*6900	*6900	*6900	*5200	*5200	4800	*4150	*4150	3400	*2800	*2800	*2800		
	Lower rear dozer up (HD – parallel dozer)				6250	4150	3550	4000	2700	2300	2850	1900	1600	2600	1700	1450		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6950	*6950	6450	*5200	*5200	4100	*4150	*4150	2900	*2800	*2800	2650		
1500 mm	Lower rear dozer up				5650	3500	3150	3700	2350	2100	2650	1650	1500	2400	1500	1350	8000	
	Lower rear dozer down				5650	*7750	3600	3650	5550	2400	2650	3900	1700	2400	*2900	1550		
	Lower f. dozer & r. stabilizer down				*7750	*7750	5900	*5650	*5650	3800	*4350	4050	2750	*2900	*2900	2500		
	Lower 2 sets of stabilizers down				*7750	*7750	7250	*5650	*5650	4650	*4350	4200	3300	*2900	*2900	*2900		
	Lower rear dozer up (HD – parallel dozer)				5900	3800	3200	3850	2550	2150	2750	1800	1550	2500	1650	1400		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7750	*7750	6050	*5650	*5650	3950	*4350	4350	2850	*2950	*2950	2550		
0 mm	Lower rear dozer up				5450	3300	2950	3550	2200	2000	2600	1600	1450	2450	1550	1350	7800	
	Lower rear dozer down				5400	*7800	3400	3550	5450	2300	2600	3850	1650	2450	*3200	1550		
	Lower f. dozer & r. stabilizer down				*7800	*7800	5650	*5700	5600	3700	*4300	4000	2700	*3200	*3200	2550		
	Lower 2 sets of stabilizers down				*7800	*7800	7000	*5700	*5700	4500	*4300	4150	3250	*3200	*3200	3100		
	Lower rear dozer up (HD – parallel dozer)				5650	3600	3050	3700	2400	2050	2700	1750	1500	2550	1650	1400		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7800	*7800	5850	*5700	*5700	3800	*4250	*4250	2800	*3200	*3200	2650		
-1500 mm	Lower rear dozer up	*6800	6150	5300	5400	3250	2900	3500	2200	1950				2700	1700	1500	7280	
	Lower rear dozer down	*6800	*6800	6250	5350	*7100	3350	3500	*5200	2250				2700	*3700	1750		
	Lower f. dozer & r. stabilizer down	*6800	*6800	*6800	*7100	*7100	5600	*5200	*5200	3650				*3700	*3700	2800		
	Lower 2 sets of stabilizers down	*6800	*6800	*6800	*7100	*7100	6950	*5200	*5200	4450				*3700	*3700	3400		
	Lower rear dozer up (HD – parallel dozer)	*6850	6750	5500	5600	3550	3000	3650	2350	2000				2850	1850	1550		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*6850	*6850	*6850	*7050	*7050	5750	*5200	*5200	3750				*3700	*3700	2900		
-3000 mm	Lower rear dozer up				5450	3350	2950	3600	2250	2000				*3150	2100	1900	6350	
	Lower rear dozer down				5450	*5500	3400	3550	*3750	2300				*3150	*3150	2150		
	Lower f. dozer & r. stabilizer down				*5500	*5500	*5500	*3750	*3750	3700				*3150	*3150	*3150		
	Lower 2 sets of stabilizers down				*5500	*5500	*5500	*3750	*3750	*3750				*3150	*3150	*3150		
	Lower rear dozer up (HD – parallel dozer)				*5450	3600	3050	3750	2450	2050				*3150	2300	1950		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5450	*5450	*5450	*3750	*3750	*3750				*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 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.

# M316F 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 (3200 kg), heavy lift on.

Industrial Stick 3100 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front			 Load over rear			 Load over side			 Load point height			 mm		
		3000 mm			4500 mm			6000 mm			7500 mm					
																
7500 mm	Lower rear dozer up													*3550	3050	2800
	Lower rear dozer down													*3550	*3550	3100
	Lower f. dozer & r. stabilizer down													*3550	*3550	*3550
	Lower 2 sets of stabilizers down													*3550	*3550	*3550
	Lower rear dozer up (HD – parallel dozer)													*3550	3200	2850
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*3550	*3550	*3550
6000 mm	Lower rear dozer up							4450	3050	2800				*3250	2250	2100
	Lower rear dozer down							4400	*4650	3100				*3250	*3250	2300
	Lower f. dozer & r. stabilizer down							*4650	*4650	4550				*3250	*3250	*3250
	Lower 2 sets of stabilizers down							*4650	*4650	*4650				*3250	*3250	*3250
	Lower rear dozer up (HD – parallel dozer)							4600	3250	2850				*3250	2400	2150
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4650	*4650	*4650				*3250	*3250	*3250
4500 mm	Lower rear dozer up				*5050	4600	4200	4350	2950	2700	3050	2100	1900	2850	1900	1750
	Lower rear dozer down				*5050	*5050	4650	4350	*4900	3000	3050	*4200	2150	2800	*3150	1950
	Lower f. dozer & r. stabilizer down				*5050	*5050	*5050	*4900	*4900	4500	*4200	*4200	3150	*3150	*3150	2900
	Lower 2 sets of stabilizers down				*5050	*5050	*5050	*4900	*4900	*4900	*4200	*4200	3750	*3150	*3150	*3150
	Lower rear dozer up (HD – parallel dozer)				*5050	4900	4300	4500	3150	2800	3200	2250	1950	2950	2050	1800
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5050	*5050	*5050	*4900	*4900	4600	*4200	*4200	3250	*3150	*3150	3000
3000 mm	Lower rear dozer up				6450	4250	3850	4200	2850	2600	3000	2050	1850	2600	1750	1600
	Lower rear dozer down				6450	*6850	4350	4150	*5300	2900	3000	4300	2050	2600	*3200	1800
	Lower f. dozer & r. stabilizer down				*6850	*6850	6700	*5300	*5300	4350	*4300	*4300	3100	*3200	*3200	2700
	Lower 2 sets of stabilizers down				*6850	*6850	*6850	*5300	*5300	5150	*4300	*4300	3700	*3200	*3200	3200
	Lower rear dozer up (HD – parallel dozer)				6700	4550	3950	4350	3000	2650	3100	2150	1900	2700	1850	1650
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6850	*6850	*6850	*5300	*5300	4450	*4300	*4300	3200	*3200	*3200	2750
1500 mm	Lower rear dozer up				6050	3900	3550	4000	2650	2400	2950	1950	1800	2500	1650	1500
	Lower rear dozer down				6050	*7900	4000	4000	*5750	2700	2900	4200	2000	2500	*3350	1700
	Lower f. dozer & r. stabilizer down				*7900	*7900	6300	*5750	*5750	4150	*4550	4350	3050	*3350	*3350	2600
	Lower 2 sets of stabilizers down				*7900	*7900	7700	*5750	*5750	4950	*4550	4500	3600	*3350	*3350	3100
	Lower rear dozer up (HD – parallel dozer)				6300	4200	3600	4150	2850	2500	3050	2100	1850	2600	1800	1550
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7900	*7900	6450	*5800	*5800	4250	*4550	*4550	3100	*3350	*3350	2650
0 mm	Lower rear dozer up				5800	3700	3300	3850	2550	2300	2850	1900	1700	2550	1700	1550
	Lower rear dozer down				5800	*8250	3750	3850	5750	2600	2850	4100	1950	2550	3650	1750
	Lower f. dozer & r. stabilizer down				*8250	*8250	6050	*6050	5900	4000	*4700	4250	2950	*3700	*3700	2650
	Lower 2 sets of stabilizers down				*8250	*8250	7400	*6050	*6050	4800	*4700	4400	3550	*3700	*3700	3150
	Lower rear dozer up (HD – parallel dozer)				6050	4000	3400	4050	2700	2350	3000	2050	1750	2650	1800	1600
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*8250	*8250	6200	*6050	*6050	4150	*4700	4550	3050	*3700	*3700	2700
-1500 mm	Lower rear dozer up	*7300	6500	5700	5700	3600	3200	3800	2450	2250	2850	1850	1700	2750	1800	1650
	Lower rear dozer down	*7300	*7300	6600	5700	*7800	3650	3800	5650	2500	2800	4100	1900	2750	3950	1850
	Lower f. dozer & r. stabilizer down	*7300	*7300	*7300	*7800	*7800	5950	*5750	*5750	3950	*4250	4250	2950	*4050	*4050	2850
	Lower 2 sets of stabilizers down	*7300	*7300	*7300	*7800	*7800	7300	*5750	*5750	4750	*4250	*4250	3500	*4050	*4050	3400
	Lower rear dozer up (HD – parallel dozer)	*7350	7100	5850	5950	3900	3300	3950	2650	2300	2950	2000	1750	2850	1950	1700
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7350	*7350	*7350	*7800	*7800	6100	*5750	*5750	4050	*4250	*4250	3000	*4050	*4050	2950
-3000 mm	Lower rear dozer up	*8850	6600	5750	5750	3600	3250	3800	2500	2250				3250	2150	1950
	Lower rear dozer down	*8850	*8850	6700	5700	*6550	3700	3800	*4750	2550				3250	*3750	2200
	Lower f. dozer & r. stabilizer down	*8850	*8850	*8850	*6550	*6550	5950	*4750	*4750	3950				*3750	*3750	3350
	Lower 2 sets of stabilizers down	*8850	*8850	*8850	*6550	*6550	*6550	*4750	*4750	4750				*3750	*3750	*3750
	Lower rear dozer up (HD – parallel dozer)	*8800	7200	5950	5950	3900	3350	3950	2650	2300				3400	2300	2000
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8800	*8800	*8800	*6500	*6500	6150	*4750	*4750	4050				*3750	*3750	3450

\*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.

# M316F 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 (3700 kg), heavy lift on.

Short Stick 2100 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height												
					3000 mm			4500 mm			6000 mm			7500 mm			 mm
																	
7500 mm	Lower rear dozer up				*5700	4650	4200							*4700	4250	3850	
	Lower rear dozer down				*5700	*5700	4700							*4700	*4700	4300	
	Lower f. dozer & r. stabilizer down				*5700	*5700	*5700							*4700	*4700	*4700	
	Lower 2 sets of stabilizers down				*5700	*5700	*5700							*4700	*4700	*4700	
	Lower rear dozer up (HD – parallel dozer)				*5750	4950	4300							*4700	4500	3950	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5750	*5750	*5750							*4700	*4700	*4700	
6000 mm	Lower rear dozer up				*5650	4700	4250	4300	2900	2600				*3900	2750	2500	
	Lower rear dozer down				*5650	*5650	4750	4300	*5000	2950				*3900	*3900	2750	
	Lower f. dozer & r. stabilizer down				*5650	*5650	*5650	*5000	*5000	4450				*3900	*3900	*3900	
	Lower 2 sets of stabilizers down				*5650	*5650	*5650	*5000	*5000	*5000				*3900	*3900	*3900	
	Lower rear dozer up (HD – parallel dozer)				*5650	5000	4350	4450	3100	2700				*3900	2900	2550	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5650	*5650	*5650	*5050	*5050	4550				*3900	*3900	*3900	
4500 mm	Lower rear dozer up				*6300	4450	4050	4250	2850	2600				3300	2150	1950	
	Lower rear dozer down				*6300	*6300	4500	4250	*5100	2900				3250	*3650	2200	
	Lower f. dozer & r. stabilizer down				*6300	*6300	*6300	*5100	*5100	4400				*3650	*3650	3400	
	Lower 2 sets of stabilizers down				*6300	*6300	*6300	*5100	*5100	*5100				*3650	*3650	*3650	
	Lower rear dozer up (HD – parallel dozer)				*6300	4750	4150	4400	3050	2650				3400	2300	2000	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6300	*6300	*6300	*5100	*5100	4500				*3650	*3650	3500	
3000 mm	Lower rear dozer up				6350	4100	3700	4100	2700	2450				2950	1900	1750	
	Lower rear dozer down				6350	*7300	4150	4100	*5400	2750				2950	*3600	1950	
	Lower f. dozer & r. stabilizer down				*7300	*7300	6600	*5400	*5400	4250				*3600	*3600	3050	
	Lower 2 sets of stabilizers down				*7300	*7300	*7300	*5400	*5400	5100				*3600	*3600	*3600	
	Lower rear dozer up (HD – parallel dozer)				6550	4400	3800	4250	2900	2500				3050	2050	1800	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7300	*7300	6750	*5400	*5400	4350				*3600	*3600	3150	
1500 mm	Lower rear dozer up				6000	3800	3400	3950	2550	2300	2850	1850	1650	2850	1850	1650	
	Lower rear dozer down				6000	*7900	3850	3950	*5750	2600	2850	4150	1900	2800	*3750	1850	
	Lower f. dozer & r. stabilizer down				*7900	*7900	6250	*5750	*5750	4100	*4300	*4300	2950	*3750	*3750	2950	
	Lower 2 sets of stabilizers down				*7900	*7900	7650	*5750	*5750	4950	*4300	*4300	3550	*3750	*3750	3500	
	Lower rear dozer up (HD – parallel dozer)				6250	4100	3500	4100	2750	2350	2950	2000	1700	2950	2000	1700	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7900	*7900	6400	*5750	*5750	4200	*4300	*4300	3050	*3750	*3750	3000	
0 mm	Lower rear dozer up				5850	3650	3250	3850	2450	2200				2900	1900	1700	
	Lower rear dozer down				5850	*7700	3700	3850	*5650	2500				2900	*4100	1950	
	Lower f. dozer & r. stabilizer down				*7700	*7700	6100	*5650	*5650	4000				*4100	*4100	3050	
	Lower 2 sets of stabilizers down				*7700	*7700	7500	*5650	*5650	4850				*4100	*4100	3650	
	Lower rear dozer up (HD – parallel dozer)				6100	3950	3350	4000	2650	2300				3050	2050	1750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7650	*7650	6250	*5650	*5650	4100				*4100	*4100	3100	
-1500 mm	Lower rear dozer up	*7100	6900	6000	5850	3650	3250	3850	2450	2200				3250	2100	1900	
	Lower rear dozer down	*7100	*7100	6950	5800	*6700	3700	3800	*4900	2500				3250	*3800	2150	
	Lower f. dozer & r. stabilizer down	*7100	*7100	*7100	*6700	*6700	6050	*4900	*4900	4000				*3800	*3800	3400	
	Lower 2 sets of stabilizers down	*7100	*7100	*7100	*6700	*6700	*6700	*4900	*4900	4800				*3800	*3800	*3800	
	Lower rear dozer up (HD – parallel dozer)	*7200	*7200	6150	6050	3950	3350	4000	2650	2250				3400	2300	1950	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7200	*7200	*7200	*6650	*6650	6250	*4900	*4900	4100				*3800	*3800	3500	
-3000 mm	Lower rear dozer up				*4750	3750	3350										
	Lower rear dozer down				*4750	*4750	3800										
	Lower f. dozer & r. stabilizer down				*4750	*4750	*4750										
	Lower 2 sets of stabilizers down				*4750	*4750	*4750										
	Lower rear dozer up (HD – parallel dozer)				*4700	4050	3450										
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4700	*4700	*4700										

\*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.

# M316F 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 (3700 kg), heavy lift on.

Medium Stick 2400 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															
						Lower rear dozer up	Lower rear dozer down	Lower f. dozer & r. stabilizer down	Lower 2 sets of stabilizers down	Lower rear dozer up (HD – parallel dozer)	Lower f. dozer & r. stabilizer down (HD – parallel dozer)										
7500 mm	Lower rear dozer up								*5350	4750	4300						*3850	3750	3400	5130	
	Lower rear dozer down								*5350	*5350	4800						*3850	*3850	3800		
	Lower f. dozer & r. stabilizer down								*5350	*5350	*5350						*3850	*3850	*3850		
	Lower 2 sets of stabilizers down								*5350	*5350	*5350						*3850	*3850	*3850		
	Lower rear dozer up (HD – parallel dozer)								*5350	5050	4400						*3850	*3850	3450		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*5350	*5350	*5350						*3850	*3850	*3850		
6000 mm	Lower rear dozer up								*5350	4750	4300	4350	2950	2650			*3300	2500	2300	6500	
	Lower rear dozer down								*5350	*5350	4800	4350	*4850	3000			*3300	*3300	2550		
	Lower f. dozer & r. stabilizer down								*5350	*5350	*5350	*4850	*4850	4500			*3300	*3300	*3300		
	Lower 2 sets of stabilizers down								*5350	*5350	*5350	*4850	*4850	*4850			*3300	*3300	*3300		
	Lower rear dozer up (HD – parallel dozer)								*5350	5050	4400	4500	3150	2750			*3300	2700	2350		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*5350	*5350	*5350	*4850	*4850	4600			*3300	*3300	*3300		
4500 mm	Lower rear dozer up								*6050	4500	4100	4300	2850	2600			3100	2050	1850	7290	
	Lower rear dozer down								*6050	*6050	4600	4250	*4950	2900			3100	*3100	2100		
	Lower f. dozer & r. stabilizer down								*6050	*6050	*6050	*4950	*4950	4400			*3100	*3100	*3100		
	Lower 2 sets of stabilizers down								*6050	*6050	*6050	*4950	*4950	*4950			*3100	*3100	*3100		
	Lower rear dozer up (HD – parallel dozer)								*6050	4850	4200	4450	3050	2650			*3100	2200	1900		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*6050	*6050	*6050	*4950	*4950	4550			*3100	*3100	*3100		
3000 mm	Lower rear dozer up								6400	4150	3750	4100	2700	2450	2900	1900	1700	2800	1800	1650	7710
	Lower rear dozer down								6400	*7100	4200	4100	*5250	2750	2900	4250	1950	2750	*3100	1850	
	Lower f. dozer & r. stabilizer down								*7100	*7100	6650	*5250	*5250	4250	*4250	*4250	3000	*3100	*3100	2900	
	Lower 2 sets of stabilizers down								*7100	*7100	*7100	*5250	*5250	5100	*4250	*4250	3600	*3100	*3100	*3100	
	Lower rear dozer up (HD – parallel dozer)								6650	4450	3850	4250	2900	2500	3050	2050	1750	2900	1950	1700	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*7100	*7100	6800	*5250	*5250	4400	*4250	*4250	3100	*3100	*3100	2950	
1500 mm	Lower rear dozer up								6050	3800	3400	3950	2550	2300	2850	1850	1650	2700	1750	1550	7810
	Lower rear dozer down								6000	*7850	3900	3950	*5700	2600	2850	4150	1900	2650	*3200	1750	
	Lower f. dozer & r. stabilizer down								*7850	*7850	6250	*5700	*5700	4100	*4450	4300	2950	*3200	*3200	2800	
	Lower 2 sets of stabilizers down								*7850	*7850	7700	*5700	*5700	4950	*4450	*4450	3550	*3200	*3200	*3200	
	Lower rear dozer up (HD – parallel dozer)								6250	4100	3500	4100	2750	2350	2950	2000	1700	2800	1850	1600	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*7850	*7850	6450	*5700	*5700	4200	*4450	*4450	3050	*3200	*3200	2850	
0 mm	Lower rear dozer up								5850	3650	3250	3850	2450	2200	2800	1800	1600	2750	1750	1600	7600
	Lower rear dozer down								5800	*7750	3700	3800	*5650	2500	2800	4100	1850	2750	*3500	1800	
	Lower f. dozer & r. stabilizer down								*7750	*7750	6050	*5650	*5650	4000	*4200	*4200	2900	*3500	*3500	2850	
	Lower 2 sets of stabilizers down								*7750	*7750	7500	*5650	*5650	4800	*4200	*4200	3500	*3500	*3500	3450	
	Lower rear dozer up (HD – parallel dozer)								6050	3950	3350	4000	2650	2250	2900	1950	1650	2850	1900	1650	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*7750	*7750	6250	*5650	*5650	4100	*4200	*4200	3000	*3550	*3550	2950	
-1500 mm	Lower rear dozer up								*7050	6800	5900	5800	3600	3200	3800	2450	2150	3050	1950	1750	7060
	Lower rear dozer down								*7050	*7050	6850	5800	*6950	3700	3800	*5100	2450	3050	*3750	2000	
	Lower f. dozer & r. stabilizer down								*7050	*7050	*7050	*6950	*6950	6050	*5100	*5100	3950	*3750	*3750	3150	
	Lower 2 sets of stabilizers down								*7050	*7050	*7050	*6950	*6950	*6950	*5100	*5100	4800	*3750	*3750	*3750	
	Lower rear dozer up (HD – parallel dozer)								*7100	*7100	6050	6050	3900	3300	3950	2600	2250	3200	2150	1850	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*7100	*7100	*7100	*6900	*6900	6200	*5100	*5100	4050	*3750	*3750	3250	
-3000 mm	Lower rear dozer up								*5200	3700	3300	*3350	2500	2250							
	Lower rear dozer down								*5200	*5200	3750	*3350	*3350	2550							
	Lower f. dozer & r. stabilizer down								*5200	*5200	*5200	*3350	*3350	*3350							
	Lower 2 sets of stabilizers down								*5200	*5200	*5200	*3350	*3350	*3350							
	Lower rear dozer up (HD – parallel dozer)								*5200	4000	3400										
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*5200	*5200	*5200										

\*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.



# M316F 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 (3700 kg), heavy lift on.

Long Stick 2600 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height													mm
						3000 mm			4500 mm			6000 mm			7500 mm			
																		
7500 mm	Lower rear dozer up				*5000	4800	4350							*3450	3450	3100	5430	
	Lower rear dozer down				*5000	*5000	4850							*3450	*3450	*3450		
	Lower f. dozer & r. stabilizer down				*5000	*5000	*5000							*3450	*3450	*3450		
	Lower 2 sets of stabilizers down				*5000	*5000	*5000							*3450	*3450	*3450		
	Lower rear dozer up (HD – parallel dozer)				*5000	*5000	4450							*3450	*3450	3150		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5000	*5000	*5000							*3450	*3450	*3450		
6000 mm	Lower rear dozer up				*4900	4800	4350	4400	2950	2700				*3000	2400	2150	6730	
	Lower rear dozer down				*4900	*4900	4850	4350	*4700	3000				*3000	*3000	2450		
	Lower f. dozer & r. stabilizer down				*4900	*4900	*4900	*4700	*4700	4550				*3000	*3000	*3000		
	Lower 2 sets of stabilizers down				*4900	*4900	*4900	*4700	*4700	*4700				*3000	*3000	*3000		
	Lower rear dozer up (HD – parallel dozer)				*4900	*4900	4450	4550	3150	2750				*3000	2550	2200		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4900	*4900	*4900	*4700	*4700	4650				*3000	*3000	*3000		
4500 mm	Lower rear dozer up				*5750	4550	4150	4300	2900	2600	*2850	1950	1750	*2800	1950	1750	7500	
	Lower rear dozer down				*5750	*5750	4600	4300	*4900	2950	*2850	*2850	2000	*2800	*2800	2000		
	Lower f. dozer & r. stabilizer down				*5750	*5750	*5750	*4900	*4900	4450	*2850	*2850	*2850	*2800	*2800	*2800		
	Lower 2 sets of stabilizers down				*5750	*5750	*5750	*4900	*4900	*4900	*2850	*2850	*2850	*2800	*2800	*2800		
	Lower rear dozer up (HD – parallel dozer)				*5800	4850	4200	4450	3100	2700	*2900	2100	1800	*2800	2100	1800		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5800	*5800	*5800	*4900	*4900	4550	*2900	*2900	*2900	*2800	*2800	*2800		
3000 mm	Lower rear dozer up				6450	4200	3750	4150	2750	2450	2900	1900	1750	2700	1750	1550	7910	
	Lower rear dozer down				6450	*6900	4250	4100	*5200	2800	2900	*4150	1950	2650	*2800	1800		
	Lower f. dozer & r. stabilizer down				*6900	*6900	6700	*5200	*5200	4300	*4150	*4150	3000	*2800	*2800	2750		
	Lower 2 sets of stabilizers down				*6900	*6900	*6900	*5200	*5200	5150	*4150	*4150	3600	*2800	*2800	*2800		
	Lower rear dozer up (HD – parallel dozer)				6700	4500	3850	4300	2950	2550	3050	2050	1800	2800	1850	1600		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6950	*6950	6850	*5200	*5200	4400	*4150	*4150	3100	*2800	*2800	*2800		
1500 mm	Lower rear dozer up				6050	3850	3450	3950	2550	2300	2850	1850	1650	2600	1650	1500	8000	
	Lower rear dozer down				6050	*7750	3900	3950	*5650	2600	2850	4150	1900	2550	*2900	1700		
	Lower f. dozer & r. stabilizer down				*7750	*7750	6300	*5650	*5650	4100	*4350	4300	2950	*2900	*2900	2700		
	Lower 2 sets of stabilizers down				*7750	*7750	7700	*5650	*5650	4950	*4350	*4350	3550	*2900	*2900	*2900		
	Lower rear dozer up (HD – parallel dozer)				6300	4150	3550	4100	2750	2400	2950	2000	1700	2700	1800	1550		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7750	*7750	6450	*5650	*5650	4200	*4350	*4350	3050	*2950	*2950	2750		
0 mm	Lower rear dozer up				5850	3650	3250	3850	2450	2200	2800	1800	1600	2650	1700	1550	7800	
	Lower rear dozer down				5800	*7800	3700	3800	*5700	2500	2800	4100	1850	2650	*3200	1750		
	Lower f. dozer & r. stabilizer down				*7800	*7800	6050	*5700	*5700	4000	*4300	4250	2900	*3200	*3200	2750		
	Lower 2 sets of stabilizers down				*7800	*7800	7500	*5700	*5700	4800	*4300	*4300	3500	*3200	*3200	*3200		
	Lower rear dozer up (HD – parallel dozer)				6050	3950	3350	4000	2650	2250	2900	1950	1650	2750	1850	1600		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7800	*7800	6250	*5700	*5700	4100	*4250	*4250	3000	*3200	*3200	2850		
-1500 mm	Lower rear dozer up	*6800	6750	5850	5800	3600	3200	3800	2400	2150				2900	1850	1700	7280	
	Lower rear dozer down	*6800	*6800	*6800	5750	*7100	3650	3800	*5200	2450				2900	*3700	1900		
	Lower f. dozer & r. stabilizer down	*6800	*6800	*6800	*7100	*7100	6000	*5200	*5200	3950				*3700	*3700	3050		
	Lower 2 sets of stabilizers down	*6800	*6800	*6800	*7100	*7100	*7100	*5200	*5200	4750				*3700	*3700	3650		
	Lower rear dozer up (HD – parallel dozer)	*6850	*6850	6000	6000	3900	3300	3950	2600	2250				3050	2050	1750		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*6850	*6850	*6850	*7050	*7050	6200	*5200	*5200	4050				*3700	*3700	3100		
-3000 mm	Lower rear dozer up				*5500	3650	3250	*3750	2450	2200				*3150	2300	2100	6350	
	Lower rear dozer down				*5500	*5500	3700	*3750	*3750	2500				*3150	*3150	2350		
	Lower f. dozer & r. stabilizer down				*5500	*5500	*5500	*3750	*3750	*3750				*3150	*3150	*3150		
	Lower 2 sets of stabilizers down				*5500	*5500	*5500	*3750	*3750	*3750				*3150	*3150	*3150		
	Lower rear dozer up (HD – parallel dozer)				*5450	3950	3350	*3750	2650	2300				*3150	2500	2150		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5450	*5450	*5450	*3750	*3750	*3750				*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 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.

# M316F 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 (3700 kg), heavy lift on.



Load at maximum reach (stick nose/bucket pin)

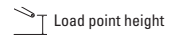


Load over front



Load over rear

Load over side



**Industrial Stick**  
3100 mm

Stick 3100 mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm					
		Front	Side	Rear	Front	Side	Rear	Front	Side	Rear	Front	Side	Rear	Front	Side	Rear			
7500 mm	Lower rear dozer up																*3550	3250	3000
	Lower rear dozer down																*3550	*3550	3300
	Lower f. dozer & r. stabilizer down																*3550	*3550	*3550
	Lower 2 sets of stabilizers down																*3550	*3550	*3550
	Lower rear dozer up (HD – parallel dozer)																*3550	3450	3050
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)																*3550	*3550	*3550
6000 mm	Lower rear dozer up							*4650	3300	3000							*3250	2450	2250
	Lower rear dozer down							*4650	*4650	3350							*3250	*3250	2500
	Lower f. dozer & r. stabilizer down							*4650	*4650	*4650							*3250	*3250	*3250
	Lower 2 sets of stabilizers down							*4650	*4650	*4650							*3250	*3250	*3250
	Lower rear dozer up (HD – parallel dozer)							*4650	3500	3100							*3250	2600	2300
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4650	*4650	*4650							*3250	*3250	*3250
4500 mm	Lower rear dozer up				*5050	4950	4500	4600	3200	2950	3300	2250	2100	3000	2100	1900	3000	*3150	2100
	Lower rear dozer down				*5050	*5050	5000	4600	*4900	3250	3250	*4200	2300	3000	*3150	*3150	3100	*3150	3100
	Lower f. dozer & r. stabilizer down				*5050	*5050	*5050	*4900	*4900	4750	*4200	*4200	3400	*3150	*3150	*3150	*3150	*3150	*3150
	Lower 2 sets of stabilizers down				*5050	*5050	*5050	*4900	*4900	*4900	*4200	*4200	4000	3150	*3150	*3150	*3150	*3150	*3150
	Lower rear dozer up (HD – parallel dozer)				*5050	*5050	4600	4750	3400	3000	3400	2400	2150	3150	2200	1950	3150	*3150	*3150
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5050	*5050	*5050	*4900	*4900	4900	*4200	*4200	3450	*3150	*3150	*3150	*3150	*3150	*3150
3000 mm	Lower rear dozer up				*6850	4600	4150	4450	3050	2800	3200	2200	2050	2800	1900	1750	3200	*3200	1950
	Lower rear dozer down				*6850	*6850	4650	4450	*5300	3100	3200	*4300	2250	2750	*3200	*3200	2850	*3200	2850
	Lower f. dozer & r. stabilizer down				*6850	*6850	*6850	*5300	*5300	4600	*4300	*4300	3300	*3200	*3200	2850	*3200	*3200	*3200
	Lower 2 sets of stabilizers down				*6850	*6850	*6850	*5300	*5300	*5300	*4300	*4300	3900	3200	*3200	*3200	2850	*3200	*3200
	Lower rear dozer up (HD – parallel dozer)				*6850	4900	4250	4600	3250	2850	3350	2350	2100	2900	2000	1800	3200	*3200	2950
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6850	*6850	*6850	*5300	*5300	4700	*4300	*4300	3400	*3200	*3200	2950	3200	*3200	2950
1500 mm	Lower rear dozer up				6500	4250	3850	4300	2900	2650	3150	2150	1950	2700	1850	1650	3350	*3350	2800
	Lower rear dozer down				6450	*7900	4300	4250	*5750	2950	3150	4450	2150	2700	*3350	2800	3350	*3350	2800
	Lower f. dozer & r. stabilizer down				*7900	*7900	6700	*5750	*5750	4450	*4550	*4550	3250	*3350	*3350	2800	3350	*3350	2800
	Lower 2 sets of stabilizers down				*7900	*7900	*7900	*5750	*5750	5250	*4550	*4550	3850	*3350	*3350	3300	3350	*3350	3300
	Lower rear dozer up (HD – parallel dozer)				6700	4550	3950	4450	3100	2700	3250	2300	2000	2800	1950	1700	3350	*3350	2850
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7900	*7900	6900	*5800	*5800	4550	*4550	*4550	3350	*3350	*3350	2850	3350	*3350	2850
0 mm	Lower rear dozer up				6250	4000	3600	4150	2750	2500	3050	2050	1900	2750	1850	1700	3350	*3350	2850
	Lower rear dozer down				6200	*8250	4100	4150	*6050	2800	3050	4400	2100	2750	*3700	*3700	1900	*3700	1900
	Lower f. dozer & r. stabilizer down				*8250	*8250	6450	*6050	*6050	4300	*4700	4500	3150	*3700	*3700	2850	*3700	*3700	2850
	Lower 2 sets of stabilizers down				*8250	*8250	7900	*6050	*6050	5150	*4700	4700	3750	*3700	*3700	3350	*3700	*3700	3350
	Lower rear dozer up (HD – parallel dozer)				6450	4300	3700	4300	2950	2600	3200	2200	1950	2850	2000	1750	3700	*3700	2900
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*8250	*8250	6650	*6050	*6050	4400	*4700	*4700	3250	*3700	*3700	2900	3700	*3700	2900
-1500 mm	Lower rear dozer up	*7300	7100	6200	6150	3950	3550	4100	2700	2450	3050	2050	1850	2950	2000	1800	4050	*4050	2050
	Lower rear dozer down	*7300	*7300	7200	6100	*7800	4000	4050	*5750	2750	3050	*4250	2100	2950	*4050	*4050	3050	*4050	3050
	Lower f. dozer & r. stabilizer down	*7300	*7300	*7300	*7800	*7800	6350	*5750	*5750	4200	*4250	*4250	3150	*4050	*4050	3600	*4050	*4050	3600
	Lower 2 sets of stabilizers down	*7300	*7300	*7300	*7800	*7800	7750	*5750	*5750	5050	*4250	*4250	3750	*4050	*4050	3600	*4050	*4050	3600
	Lower rear dozer up (HD – parallel dozer)	*7350	*7350	6400	6350	4250	3600	4250	2900	2500	3150	2200	1900	3050	2150	1850	4050	*4050	3150
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7350	*7350	*7350	*7800	*7800	6550	*5750	*5750	4350	*4250	*4250	3250	*4050	*4050	3150	4050	*4050	3150
-3000 mm	Lower rear dozer up	*8850	7200	6300	6150	3950	3550	4100	2700	2450				3500	2350	2150	4750	*4750	2400
	Lower rear dozer down	*8850	*8850	7300	6100	*6550	4000	4050	*4750	2750				3450	*3750	2400	4750	*4750	2400
	Lower f. dozer & r. stabilizer down	*8850	*8850	*8850	*6550	*6550	6350	*4750	*4750	4250				*3750	*3750	3600	4750	*4750	3600
	Lower 2 sets of stabilizers down	*8850	*8850	*8850	*6550	*6550	*6550	*4750	*4750	*4750				*3750	*3750	*3750	4750	*4750	*3750
	Lower rear dozer up (HD – parallel dozer)	*8800	7850	6450	6350	4250	3650	4250	2900	2550				3600	2500	2200	4750	*4750	2200
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8800	*8800	*8800	*6500	*6500	*6500	*4750	*4750	4350				*3750	*3750	3700	4750	*4750	3700

\*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.

# M316F 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 (3200 kg), heavy lift on.

Short Stick 2100 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		
						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			
						mm	mm	mm	mm	mm	mm	mm	mm	mm			
7500 mm	Lower rear dozer up													*4650	4500	4050	4370
	Lower rear dozer down													*4650	*4650	4550	
	Lower f. dozer & r. stabilizer down													*4650	*4650	*4650	
	Lower 2 sets of stabilizers down													*4650	*4650	*4650	
	Lower rear dozer up (HD – parallel dozer)													*4600	*4600	4100	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*4600	*4600	*4600	
6000 mm	Lower rear dozer up													*3850	2700	2450	5920
	Lower rear dozer down													*3850	*3850	2750	
	Lower f. dozer & r. stabilizer down													*3850	*3850	*3850	
	Lower 2 sets of stabilizers down													*3850	*3850	*3850	
	Lower rear dozer up (HD – parallel dozer)													*3850	2900	2550	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*3850	*3850	*3850	
4500 mm	Lower rear dozer up													*6000	4150	3750	6790
	Lower rear dozer down													*6000	*6000	4200	
	Lower f. dozer & r. stabilizer down													*6000	*6000	*6000	
	Lower 2 sets of stabilizers down													*6000	*6000	*6000	
	Lower rear dozer up (HD – parallel dozer)													*6000	4450	3850	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*6000	*6000	*6000	
3000 mm	Lower rear dozer up													6000	3850	3450	7230
	Lower rear dozer down													5950	*7100	3900	
	Lower f. dozer & r. stabilizer down													*7100	*7100	6200	
	Lower 2 sets of stabilizers down													*7100	*7100	*7100	
	Lower rear dozer up (HD – parallel dozer)													6200	4150	3550	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*7150	*7150	6350	
1500 mm	Lower rear dozer up													5650	3550	3200	7340
	Lower rear dozer down													5650	*7950	3650	
	Lower f. dozer & r. stabilizer down													*7950	*7950	5900	
	Lower 2 sets of stabilizers down													*7950	*7950	7250	
	Lower rear dozer up (HD – parallel dozer)													5900	3850	3300	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*7950	*7950	6050	
0 mm	Lower rear dozer up													5500	3450	3050	7120
	Lower rear dozer down													5500	*8000	3500	
	Lower f. dozer & r. stabilizer down													*8000	*8000	5750	
	Lower 2 sets of stabilizers down													*8000	*8000	7100	
	Lower rear dozer up (HD – parallel dozer)													5750	3700	3150	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*8000	*8000	5900	
-1500 mm	Lower rear dozer up													*8750	6400	5600	6540
	Lower rear dozer down													*8750	*8750	6500	
	Lower f. dozer & r. stabilizer down													*8750	*8750	*7200	
	Lower 2 sets of stabilizers down													*8750	*8750	7050	
	Lower rear dozer up (HD – parallel dozer)													*8850	7000	5750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*8850	*8850	*7200	
-3000 mm	Lower rear dozer up													*7050	6600	5750	5480
	Lower rear dozer down													*7050	*7050	6650	
	Lower f. dozer & r. stabilizer down													*7050	*7050	*7050	
	Lower 2 sets of stabilizers down													*7050	*7050	5350	
	Lower rear dozer up (HD – parallel dozer)													*7000	*7000	5900	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)													*7000	*7000	5300	

\*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.

# M316F 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 (3200 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 2400 mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm				
																					
7500 mm	Lower rear dozer up																*3800	*3800	3500	4800	
	Lower rear dozer down																*3800	*3800	*3800		
	Lower f. dozer & r. stabilizer down																*3800	*3800	*3800		
	Lower 2 sets of stabilizers down																*3800	*3800	*3800		
	Lower rear dozer up (HD – parallel dozer)																*3800	*3800	3600		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)																*3800	*3800	*3800		
6000 mm	Lower rear dozer up							4050	2700	2450							*3250	2500	2300	6240	
	Lower rear dozer down							4050	*4250	2750							*3250	*3250	2550		
	Lower f. dozer & r. stabilizer down							*4250	*4250	4200							*3250	*3250	*3250		
	Lower 2 sets of stabilizers down							*4250	*4250	*4250							*3250	*3250	*3250		
	Lower rear dozer up (HD – parallel dozer)							4200	2900	2550							*3250	2650	2350		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4300	*4300	4300							*3250	*3250	*3250		
4500 mm	Lower rear dozer up					*5700	4200	3800	4000	2650	2400						3050	2000	1800	7070	
	Lower rear dozer down					*5700	*5700	4250	4000	*4900	2700						3050	*3100	2050		
	Lower f. dozer & r. stabilizer down					*5700	*5700	*5700	*4900	*4900	4150						*3100	*3100	*3100		
	Lower 2 sets of stabilizers down					*5700	*5700	*5700	*4900	*4900	*4900						*3100	*3100	*3100		
	Lower rear dozer up (HD – parallel dozer)					*5700	4500	3900	4150	2850	2500						*3100	2150	1850		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)					*5700	*5700	*5700	*4900	*4900	4250						*3100	*3100	*3100		
3000 mm	Lower rear dozer up					6050	3900	3500	3850	2550	2300						2700	1750	1600	7500	
	Lower rear dozer down					6000	*6850	3950	3850	*5300	2600						2700	*3100	1800		
	Lower f. dozer & r. stabilizer down					*6850	*6850	6250	*5300	*5300	4000						*3100	*3100	2800		
	Lower 2 sets of stabilizers down					*6850	*6850	*6850	*5300	*5300	4800						*3100	*3100	*3100		
	Lower rear dozer up (HD – parallel dozer)					6250	4200	3600	4000	2700	2350						2850	1900	1650		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)					*6850	*6850	6400	*5300	*5300	4100						*3100	*3100	2900		
1500 mm	Lower rear dozer up					5700	3600	3200	3700	2400	2150	2650	1700	1550	2600	1700	2500	1700	1500	7600	
	Lower rear dozer down					5650	*7800	3650	3700	5550	2450	2650	3900	1750	2600	*3250	1700				
	Lower f. dozer & r. stabilizer down					*7800	*7800	5900	*5700	5700	3850	*4100	4050	2750	*3250	*3250	2750				
	Lower 2 sets of stabilizers down					*7800	*7800	7250	*5700	*5700	4650	*4100	*4100	3350	*3250	*3250	3250				
	Lower rear dozer up (HD – parallel dozer)					5900	3850	3300	3850	2600	2250	2800	1850	1600	2750	1800	1550				
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)					*7800	*7800	6100	*5700	*5700	3950	*4100	*4100	2850	*3250	*3250	2800				
0 mm	Lower rear dozer up					5500	3400	3050	3600	2300	2050						2700	1700	1550	7390	
	Lower rear dozer down					5500	*8000	3500	3600	5450	2350						2700	*3650	1750		
	Lower f. dozer & r. stabilizer down					*8000	*8000	5750	*5800	5600	3750						*3650	*3650	2800		
	Lower 2 sets of stabilizers down					*8000	*8000	7050	*5800	*5800	4550						*3650	*3650	3350		
	Lower rear dozer up (HD – parallel dozer)					5750	3700	3150	3750	2500	2150						2800	1850	1600		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)					*8000	*8000	5900	*5800	*5800	3850						*3650	*3650	2900		
-1500 mm	Lower rear dozer up	*8500	6350	5500	5450	3400	3000	3600	2250	2050							3000	1900	1750	6830	
	Lower rear dozer down	*8500	*8500	6450	5450	*7400	3450	3550	*5350	2300							3000	*4300	1950		
	Lower f. dozer & r. stabilizer down	*8500	*8500	*8500	*7400	*7400	5700	*5350	*5350	3700							*4300	*4300	3100		
	Lower 2 sets of stabilizers down	*8500	*8500	*8500	*7400	*7400	7000	*5350	*5350	4500							*4300	*4300	3750		
	Lower rear dozer up (HD – parallel dozer)	*8550	6950	5700	5700	3650	3100	3750	2450	2100							3150	2050	1800		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8550	*8550	*8550	*7400	*7400	5850	*5350	*5350	3850							*4300	*4300	3200		
-3000 mm	Lower rear dozer up	*7850	6500	5650	5550	3450	3100										3800	2450	2200	5830	
	Lower rear dozer down	*7850	*7850	6550	5500	*5800	3500										3800	*3900	2500		
	Lower f. dozer & r. stabilizer down	*7850	*7850	*7850	*5800	*5800	5750										*3900	*3900	*3900		
	Lower 2 sets of stabilizers down	*7850	*7850	*7850	*5800	*5800	*5800										*3900	*3900	*3900		
	Lower rear dozer up (HD – parallel dozer)	*7800	7100	5800	5750	3750	3200										*3900	2650	2250		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7800	*7800	*7800	*5800	*5800	*5800										*3900	*3900	*3900		

\*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.

# M316F 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 (3200 kg), heavy lift on.

Long Stick 2600 mm		Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height			
		3000 mm			4500 mm			6000 mm			7500 mm						
																	mm
7500 mm	Lower rear dozer up														*3400	*3400	3200
	Lower rear dozer down														*3400	*3400	*3400
	Lower f. dozer & r. stabilizer down														*3400	*3400	*3400
	Lower 2 sets of stabilizers down														*3400	*3400	*3400
	Lower rear dozer up (HD – parallel dozer)														*3400	*3400	3250
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)														*3400	*3400	*3400
6000 mm	Lower rear dozer up							4050	2750	2500					*2950	2350	2150
	Lower rear dozer down							4050	*4350	2800					*2950	*2950	2400
	Lower f. dozer & r. stabilizer down							*4350	*4350	4200					*2950	*2950	*2950
	Lower 2 sets of stabilizers down							*4350	*4350	*4350					*2950	*2950	*2950
	Lower rear dozer up (HD – parallel dozer)							4250	2900	2550					*2950	2550	2200
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4350	*4350	4350					*2950	*2950	*2950
4500 mm	Lower rear dozer up							4000	2650	2450					*2800	1900	1750
	Lower rear dozer down							4000	*4750	2700					*2800	*2800	1950
	Lower f. dozer & r. stabilizer down							*4750	*4750	4150					*2800	*2800	*2800
	Lower 2 sets of stabilizers down							*4750	*4750	*4750					*2800	*2800	*2800
	Lower rear dozer up (HD – parallel dozer)							4150	2850	2500					*2800	2050	1800
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4750	*4750	4250					*2800	*2800	*2800
3000 mm	Lower rear dozer up				6050	3950	3550	3900	2550	2300	2750	1750	1600	2600	1700	1550	
	Lower rear dozer down				6050	*6650	4000	3850	*5200	2600	2700	*3900	1800	2600	*2800	1750	
	Lower f. dozer & r. stabilizer down				*6650	*6650	6300	*5200	*5200	4000	*3900	*3900	2850	*2800	*2800	2700	
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*5200	*5200	4800	*3900	*3900	3400	*2800	*2800	*2800	
	Lower rear dozer up (HD – parallel dozer)				6300	4200	3650	4050	2750	2350	2850	1900	1650	2750	1800	1600	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6700	*6700	6450	*5200	*5200	4150	*3900	*3900	2900	*2800	*2800	2800	
1500 mm	Lower rear dozer up				5700	3600	3250	3700	2400	2150	2650	1700	1550	2500	1600	1450	
	Lower rear dozer down				5700	*7700	3700	3700	5550	2450	2650	3900	1750	2500	*2950	1650	
	Lower f. dozer & r. stabilizer down				*7700	*7700	5950	*5650	*5650	3850	*4550	4050	2750	*2950	*2950	2600	
	Lower 2 sets of stabilizers down				*7700	*7700	7300	*5650	*5650	4650	*4550	4200	3350	*2950	*2950	*2950	
	Lower rear dozer up (HD – parallel dozer)				5950	3900	3350	3850	2600	2250	2800	1850	1600	2650	1750	1500	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7700	*7700	6100	*5650	*5650	3950	*4550	4350	2850	*2950	*2950	2700	
0 mm	Lower rear dozer up	*4400	*4400	*4400	5500	3400	3050	3600	2300	2050	2600	1650	1500	2600	1650	1500	
	Lower rear dozer down	*4400	*4400	*4400	5500	*8000	3500	3600	5450	2350	2600	3850	1700	2550	*3300	1700	
	Lower f. dozer & r. stabilizer down	*4400	*4400	*4400	*8000	*8000	5750	*5800	5600	3750	*4050	4000	2700	*3300	*3300	2700	
	Lower 2 sets of stabilizers down	*4400	*4400	*4400	*8000	*8000	7050	*5800	*5800	4550	*4050	*4050	3300	*3300	*3300	3250	
	Lower rear dozer up (HD – parallel dozer)	*4450	*4450	*4450	5750	3700	3150	3750	2500	2150	2750	1800	1550	2700	1800	1550	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*4450	*4450	*4450	*8000	*8000	5900	*5800	*5800	3850	*4000	*4000	2800	*3300	*3300	2750	
-1500 mm	Lower rear dozer up	*8150	6300	5500	5450	3350	3000	3550	2250	2000				2850	1800	1650	
	Lower rear dozer down	*8150	*8150	6400	5450	*7500	3450	3550	5400	2300				2850	*3950	1850	
	Lower f. dozer & r. stabilizer down	*8150	*8150	*8150	*7500	*7500	5650	*5450	*5450	3700				*3950	*3950	2950	
	Lower 2 sets of stabilizers down	*8150	*8150	*8150	*7500	*7500	7000	*5450	*5450	4500				*3950	*3950	3600	
	Lower rear dozer up (HD – parallel dozer)	*8200	6900	5650	5700	3650	3100	3700	2450	2100				3000	1950	1700	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8200	*8200	*8200	*7500	*7500	5850	*5450	*5450	3800				*3950	*3950	3050	
-3000 mm	Lower rear dozer up	*8350	6450	5600	5500	3400	3050	3650	2300	2100				3550	2300	2050	
	Lower rear dozer down	*8350	*8350	6550	5500	*6100	3500	3600	*4050	2350				3550	*3900	2350	
	Lower f. dozer & r. stabilizer down	*8350	*8350	*8350	*6100	*6100	5750	*4050	*4050	3750				*3900	*3900	3700	
	Lower 2 sets of stabilizers down	*8350	*8350	*8350	*6100	*6100	*6100	*4050	*4050	*4050				*3900	*3900	*3900	
	Lower rear dozer up (HD – parallel dozer)	*8300	7050	5750	5750	3700	3150	3800	2500	2150				3750	2450	2150	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8300	*8300	*8300	*6050	*6050	5900	*4000	*4000	3900				*3900	*3900	3850	

\*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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# M316F 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 (3200 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**  
3100 mm

Stick	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm				
7500 mm	Lower rear dozer up															*3500	3350	3050
	Lower rear dozer down															*3500	*3500	3400
	Lower f. dozer & r. stabilizer down															*3500	*3500	*3500
	Lower 2 sets of stabilizers down															*3500	*3500	*3500
	Lower rear dozer up (HD – parallel dozer)															*3500	*3500	3100
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)															*3500	*3500	*3500
6000 mm	Lower rear dozer up							4400	3050	2800						*3200	2450	2250
	Lower rear dozer down							4350	*4450	3100						*3200	*3200	2500
	Lower f. dozer & r. stabilizer down							*4450	*4450	*4450						*3200	*3200	*3200
	Lower 2 sets of stabilizers down							*4450	*4450	*4450						*3200	*3200	*3200
	Lower rear dozer up (HD – parallel dozer)							*4450	3250	2850						*3200	2600	2300
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4450	*4450	*4450						*3200	*3200	*3200
4500 mm	Lower rear dozer up							4300	3000	2750	3050	2100	1950	3000	2050	1900		
	Lower rear dozer down							4300	*4700	3050	3050	*3550	2150	2950	*3150	2100		
	Lower f. dozer & r. stabilizer down							*4700	*4700	4450	*3550	*3550	3150	*3150	*3150	3100		
	Lower 2 sets of stabilizers down							*4700	*4700	*4700	*3550	*3550	*3550	*3150	*3150	*3150		
	Lower rear dozer up (HD – parallel dozer)							4500	3150	2800	3200	2250	2000	3100	2200	1950		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4700	*4700	4600	*3600	*3600	3250	*3150	*3150	*3150		
3000 mm	Lower rear dozer up				6450	4300	3900	4200	2850	2600	3000	2050	1900	2750	1850	1700		
	Lower rear dozer down				6450	*6500	4350	4200	*5250	2900	3000	4250	2100	2700	*3200	1900		
	Lower f. dozer & r. stabilizer down				*6500	*6500	*6500	*5250	*5250	4350	*4600	4400	3100	*3200	*3200	2800		
	Lower 2 sets of stabilizers down				*6500	*6500	*6500	*5250	*5250	5150	*4600	4550	3700	*3200	*3200	*3200		
	Lower rear dozer up (HD – parallel dozer)				*6500	4600	4000	4350	3050	2700	3150	2200	1950	2850	2000	1750		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6500	*6500	*6500	*5250	*5250	4450	*4600	*4600	3200	*3200	*3200	2900		
1500 mm	Lower rear dozer up				6100	4000	3600	4050	2700	2500	2950	2000	1850	2650	1800	1650		
	Lower rear dozer down				6100	*7750	4050	4000	*5800	2750	2950	4200	2050	2650	*3450	1800		
	Lower f. dozer & r. stabilizer down				*7750	*7750	6350	*5800	*5800	4200	*4800	4300	3050	*3450	*3450	2750		
	Lower 2 sets of stabilizers down				*7750	*7750	7700	*5800	*5800	5000	*4800	4500	3600	*3450	*3450	3200		
	Lower rear dozer up (HD – parallel dozer)				6350	4300	3700	4200	2900	2550	3050	2150	1900	2750	1900	1700		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7800	*7800	6500	*5800	*5800	4300	*4800	4600	3150	*3450	*3450	2800		
0 mm	Lower rear dozer up	*5800	*5800	*5800	5900	3800	3400	3900	2600	2350	2900	1950	1800	2700	1800	1650		
	Lower rear dozer down	*5800	*5800	*5800	5850	*8350	3850	3900	5750	2650	2900	4100	2000	2700	3800	1850		
	Lower f. dozer & r. stabilizer down	*5800	*5800	*5800	*8350	*8350	6100	*6150	5900	4050	*4850	4250	3000	*3850	*3850	2800		
	Lower 2 sets of stabilizers down	*5800	*5800	*5800	*8350	*8350	7450	*6150	*6150	4850	*4850	4450	3550	*3850	*3850	3300		
	Lower rear dozer up (HD – parallel dozer)	*5850	*5850	*5850	6100	4050	3500	4050	2800	2450	3000	2100	1850	2800	1950	1700		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*5850	*5850	*5850	*8400	*8400	6300	*6150	*6150	4150	*4800	4550	3100	*3850	*3850	2850		
-1500 mm	Lower rear dozer up	*8550	6700	5850	5800	3700	3350	3850	2550	2300				2900	1950	1800		
	Lower rear dozer down	*8550	*8550	6800	5750	*8150	3750	3850	5650	2600				2900	4150	2000		
	Lower f. dozer & r. stabilizer down	*8550	*8550	*8550	*8150	*8150	6000	*6000	5850	4000				*4500	4300	3000		
	Lower 2 sets of stabilizers down	*8550	*8550	*8550	*8150	*8150	7350	*6000	*6000	4800				*4500	4450	3600		
	Lower rear dozer up (HD – parallel dozer)	*8600	7300	6050	6000	4000	3450	4000	2700	2400				3050	2100	1850		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8600	*8600	*8600	*8150	*8150	6200	*6000	*6000	4100				*4500	*4500	3100		
-3000 mm	Lower rear dozer up	*9950	6750	5950	5800	3700	3350	3850	2550	2300				3500	2300	2100		
	Lower rear dozer down	*9950	*9950	6850	5750	*7050	3750	3850	*5100	2600				3450	*4400	2350		
	Lower f. dozer & r. stabilizer down	*9950	*9950	*9950	*7050	*7050	6000	*5100	*5100	4000				*4400	*4400	3600		
	Lower 2 sets of stabilizers down	*9950	*9950	*9950	*7050	*7050	*7050	*5100	*5100	4800				*4400	*4400	4300		
	Lower rear dozer up (HD – parallel dozer)	*9900	7350	6100	6000	4000	3450	4000	2750	2400				3600	2500	2200		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*9900	*9900	*9900	*7050	*7050	6200	*5050	*5050	4100				*4400	*4400	3700		
-4500 mm	Lower rear dozer up	*6400	*6400	6100	*4550	3800	3450							*3850	3350	3050		
	Lower rear dozer down	*6400	*6400	*6400	*4550	*4550	3900							*3850	*3850	3400		
	Lower f. dozer & r. stabilizer down	*6400	*6400	*6400	*4550	*4550	*4550							*3850	*3850	*3850		
	Lower 2 sets of stabilizers down	*6400	*6400	*6400	*4550	*4550	*4550							*3850	*3850	*3850		
	Lower rear dozer up (HD – parallel dozer)	*6350	*6350	6300	*4500	4100	3550							*3850	3650	3150		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*6350	*6350	*6350	*4500	*4500	*4500							*3850	*3850	*3850		

\*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.

# M316F 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 (3700 kg), heavy lift on.

Short Stick 2100 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	Lower rear dozer up											*4650	*4650	4350	4370			
	Lower rear dozer down											*4650	*4650	*4650				
	Lower f. dozer & r. stabilizer down											*4650	*4650	*4650				
	Lower 2 sets of stabilizers down											*4650	*4650	*4650				
	Lower rear dozer up (HD – parallel dozer)											*4600	*4600	4450				
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)											*4600	*4600	*4600				
6000 mm	Lower rear dozer up											*3850	2950	2700	5920			
	Lower rear dozer down											*3850	*3850	3000				
	Lower f. dozer & r. stabilizer down											*3850	*3850	*3850				
	Lower 2 sets of stabilizers down											*3850	*3850	*3850				
	Lower rear dozer up (HD – parallel dozer)											*3850	3150	2750				
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)											*3850	*3850	*3850				
4500 mm	Lower rear dozer up				*6000	4500	4050	4250	2850	2600	3450	2350	2100	6790				
	Lower rear dozer down				*6000	*6000	4550	4250	*5100	2900	3450	*3600	2350					
	Lower f. dozer & r. stabilizer down				*6000	*6000	*6000	*5100	*5100	4400	*3600	*3600	3600					
	Lower 2 sets of stabilizers down				*6000	*6000	*6000	*5100	*5100	*5100	*3600	*3600	*3600					
	Lower rear dozer up (HD – parallel dozer)				*6000	4800	4150	4400	3050	2700	3600	2500	2150					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6000	*6000	*6000	*5100	*5100	4500	*3600	*3600	*3600					
3000 mm	Lower rear dozer up				6400	4200	3750	4100	2750	2500	3100	2050	1850	7230				
	Lower rear dozer down				6350	*7100	4250	4100	*5450	2800	3100	*3600	2100					
	Lower f. dozer & r. stabilizer down				*7100	*7100	6600	*5450	*5450	4250	*3600	*3600	3200					
	Lower 2 sets of stabilizers down				*7100	*7100	*7100	*5450	*5450	5100	*3600	*3600	*3600					
	Lower rear dozer up (HD – parallel dozer)				6600	4500	3850	4250	2950	2550	3200	2200	1900					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7150	*7150	6800	*5450	*5450	4400	*3600	*3600	3300					
1500 mm	Lower rear dozer up				6100	3900	3500	4000	2600	2400	2950	1950	1800	7340				
	Lower rear dozer down				6050	*7950	3950	3950	*5800	2650	2950	*3800	2000					
	Lower f. dozer & r. stabilizer down				*7950	*7950	6300	*5800	*5800	4150	*3800	*3800	3100					
	Lower 2 sets of stabilizers down				*7950	*7950	7700	*5800	*5800	4950	*3800	*3800	3700					
	Lower rear dozer up (HD – parallel dozer)				6300	4200	3600	4150	2800	2450	3100	2100	1850					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7950	*7950	6450	*5800	*5800	4250	*3800	*3800	3150					
0 mm	Lower rear dozer up				5950	3750	3350	3900	2550	2300	3050	2000	1850	7120				
	Lower rear dozer down				5900	*8000	3850	3900	5800	2600	3050	*4200	2050					
	Lower f. dozer & r. stabilizer down				*8000	*8000	6150	*5800	*5800	4050	*4200	*4200	3200					
	Lower 2 sets of stabilizers down				*8000	*8000	7550	*5800	*5800	4850	*4200	*4200	3800					
	Lower rear dozer up (HD – parallel dozer)				6150	4050	3450	4050	2750	2350	3200	2150	1900					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*8000	*8000	6300	*5800	*5800	4150	*4250	*4250	3300					
-1500 mm	Lower rear dozer up	*8750	7000	6100	5900	3750	3350	3900	2550	2300	3450	2250	2050	6540				
	Lower rear dozer down	*8750	*8750	7100	5900	*7200	3800	3850	*5200	2600	3450	*4400	2300					
	Lower f. dozer & r. stabilizer down	*8750	*8750	*8750	*7200	*7200	6150	*5200	*5200	4000	*4400	*4400	3600					
	Lower 2 sets of stabilizers down	*8750	*8750	*8750	*7200	*7200	*7200	*5200	*5200	4850	*4400	*4400	4300					
	Lower rear dozer up (HD – parallel dozer)	*8850	7650	6300	6150	4050	3450	4050	2700	2350	3600	2450	2100					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8850	*8850	*8850	*7200	*7200	6300	*5200	*5200	4150	*4400	*4400	3700					
-3000 mm	Lower rear dozer up	*7050	*7050	6250	*5350	3850	3450				*3850	2950	2650	5480				
	Lower rear dozer down	*7050	*7050	*7050	*5350	*5350	3900				*3850	*3850	3000					
	Lower f. dozer & r. stabilizer down	*7050	*7050	*7050	*5350	*5350	*5350				*3850	*3850	*3850					
	Lower 2 sets of stabilizers down	*7050	*7050	*7050	*5350	*5350	*5350				*3850	*3850	*3850					
	Lower rear dozer up (HD – parallel dozer)	*7000	*7000	6450	*5300	4150	3550				*3800	3200	2750					
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7000	*7000	*7000	*5300	*5300	*5300				*3800	*3800	*3800					

\*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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# M316F 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 (3700 kg), heavy lift on.

Medium Stick 2400 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front			 Load over rear			 Load over side			 Load point height			 mm			
		3000 mm			4500 mm			6000 mm			7500 mm						
																	
7500 mm	Lower rear dozer up												*3800	*3800	*3800	4800	
	Lower rear dozer down												*3800	*3800	*3800		
	Lower f. dozer & r. stabilizer down												*3800	*3800	*3800		
	Lower 2 sets of stabilizers down												*3800	*3800	*3800		
	Lower rear dozer up (HD – parallel dozer)												*3800	*3800	*3800		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)												*3800	*3800	*3800		
6000 mm	Lower rear dozer up							*4250	2950	2650				*3250	2700	2500	6240
	Lower rear dozer down							*4250	*4250	3000				*3250	*3250	2750	
	Lower f. dozer & r. stabilizer down							*4250	*4250	*4250				*3250	*3250	*3250	
	Lower 2 sets of stabilizers down							*4250	*4250	*4250				*3250	*3250	*3250	
	Lower rear dozer up (HD – parallel dozer)							*4300	3100	2750				*3250	2900	2550	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4300	*4300	*4300				*3250	*3250	*3250	
4500 mm	Lower rear dozer up				*5700	4550	4100	4250	2900	2650				*3100	2200	2000	7070
	Lower rear dozer down				*5700	*5700	4600	4250	*4900	2950				*3100	*3100	2250	
	Lower f. dozer & r. stabilizer down				*5700	*5700	*5700	*4900	*4900	4400				*3100	*3100	*3100	
	Lower 2 sets of stabilizers down				*5700	*5700	*5700	*4900	*4900	*4900				*3100	*3100	*3100	
	Lower rear dozer up (HD – parallel dozer)				*5700	4850	4200	4400	3100	2700				*3100	2350	2050	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5700	*5700	*5700	*4900	*4900	4550				*3100	*3100	*3100	
3000 mm	Lower rear dozer up				6450	4200	3800	4150	2750	2500				2900	1950	1750	7500
	Lower rear dozer down				6400	*6850	4300	4100	*5300	2800				2900	*3100	2000	
	Lower f. dozer & r. stabilizer down				*6850	*6850	6650	*5300	*5300	4300				*3100	*3100	3050	
	Lower 2 sets of stabilizers down				*6850	*6850	*6850	*5300	*5300	5100				*3100	*3100	*3100	
	Lower rear dozer up (HD – parallel dozer)				6650	4500	3900	4300	2950	2600				3050	2100	1800	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6850	*6850	6850	*5300	*5300	4400				*3100	*3100	*3100	
1500 mm	Lower rear dozer up				6100	3900	3500	4000	2600	2400	2900	1900	1700	2800	1850	1700	7600
	Lower rear dozer down				6100	*7800	4000	3950	*5700	2650	2850	*4100	1950	2800	*3250	1900	
	Lower f. dozer & r. stabilizer down				*7800	*7800	6350	*5700	*5700	4150	*4100	*4100	3000	*3250	*3250	2900	
	Lower 2 sets of stabilizers down				*7800	*7800	7750	*5700	*5700	4950	*4100	*4100	3550	*3250	*3250	*3250	
	Lower rear dozer up (HD – parallel dozer)				6350	4200	3600	4150	2800	2450	3000	2050	1750	2950	2000	1750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7800	*7800	6500	*5700	*5700	4250	*4100	*4100	3050	*3250	*3250	3000	
0 mm	Lower rear dozer up				5900	3750	3350	3900	2550	2300				2900	1900	1700	7390
	Lower rear dozer down				5900	*8000	3800	3850	5800	2600				2900	*3650	1950	
	Lower f. dozer & r. stabilizer down				*8000	*8000	6150	*5800	*5800	4000				*3650	*3650	3000	
	Lower 2 sets of stabilizers down				*8000	*8000	7550	*5800	*5800	4850				*3650	*3650	3600	
	Lower rear dozer up (HD – parallel dozer)				6150	4050	3450	4050	2700	2350				3000	2050	1750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*8000	*8000	6300	*5800	*5800	4150				*3650	*3650	3100	
-1500 mm	Lower rear dozer up	*8500	6950	6050	5900	3700	3300	3850	2500	2250				3250	2100	1900	6830
	Lower rear dozer down	*8500	*8500	7000	5850	*7400	3800	3850	*5350	2550				3200	*4300	2150	
	Lower f. dozer & r. stabilizer down	*8500	*8500	*8500	*7400	*7400	6100	*5350	*5350	4000				*4300	*4300	3350	
	Lower 2 sets of stabilizers down	*8500	*8500	*8500	*7400	*7400	*7400	*5350	*5350	4800				*4300	*4300	4000	
	Lower rear dozer up (HD – parallel dozer)	*8550	7550	6200	6100	4000	3400	4000	2700	2300				3350	2300	1950	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8550	*8550	*8550	*7400	*7400	6250	*5350	*5350	4100				*4300	*4300	3450	
-3000 mm	Lower rear dozer up	*7850	7100	6200	*5800	3800	3400							*3900	2650	2400	5830
	Lower rear dozer down	*7850	*7850	7150	*5800	*5800	3850							*3900	*3900	2700	
	Lower f. dozer & r. stabilizer down	*7850	*7850	*7850	*5800	*5800	*5800							*3900	*3900	*3900	
	Lower 2 sets of stabilizers down	*7850	*7850	*7850	*5800	*5800	*5800							*3900	*3900	*3900	
	Lower rear dozer up (HD – parallel dozer)	*7800	7700	6350	*5800	4100	3500							*3900	2900	2500	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7800	*7800	*7800	*5800	*5800	*5800							*3900	*3900	*3900	

\*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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# M316F 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 (3700 kg), heavy lift on.

Long Stick 2600 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front			 Load over rear			 Load over side			 Load point height			 mm			
		3000 mm			4500 mm			6000 mm			7500 mm						
																	
7500 mm	Lower rear dozer up												*3400	*3400	*3400	5100	
	Lower rear dozer down												*3400	*3400	*3400		
	Lower f. dozer & r. stabilizer down												*3400	*3400	*3400		
	Lower 2 sets of stabilizers down												*3400	*3400	*3400		
	Lower rear dozer up (HD – parallel dozer)												*3400	*3400	*3400		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)												*3400	*3400	*3400		
6000 mm	Lower rear dozer up							*4350	2950	2700			*2950	2600	2350	6470	
	Lower rear dozer down							4350	*4350	3000			*2950	*2950	2600		
	Lower f. dozer & r. stabilizer down							*4350	*4350	*4350			*2950	*2950	*2950		
	Lower 2 sets of stabilizers down							*4350	*4350	*4350			*2950	*2950	*2950		
	Lower rear dozer up (HD – parallel dozer)							*4350	3150	2750			*2950	2750	2400		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4350	*4350	*4350			*2950	*2950	*2950		
4500 mm	Lower rear dozer up							4300	2900	2650			*2800	2100	1900	7270	
	Lower rear dozer down							4300	*4750	2950			*2800	*2800	2150		
	Lower f. dozer & r. stabilizer down							*4750	*4750	4450			*2800	*2800	*2800		
	Lower 2 sets of stabilizers down							*4750	*4750	*4750			*2800	*2800	*2800		
	Lower rear dozer up (HD – parallel dozer)							4450	3100	2700			*2800	2250	1950		
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)							*4750	*4750	4550			*2800	*2800	*2800		
3000 mm	Lower rear dozer up				6500	4250	3850	4150	2750	2500	2950	1950	1750	*2800	1850	1700	7690
	Lower rear dozer down				6450	*6650	4300	4150	*5200	2800	2900	*3900	2000	2800	*2800	1900	
	Lower f. dozer & r. stabilizer down				*6650	*6650	*6650	*5200	*5200	4300	*3900	*3900	3050	*2800	*2800	*2800	
	Lower 2 sets of stabilizers down				*6650	*6650	*6650	*5200	*5200	5150	*3900	*3900	3600	*2800	*2800	*2800	
	Lower rear dozer up (HD – parallel dozer)				*6700	4550	3950	4300	2950	2600	3050	2100	1800	*2800	2000	1750	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6700	*6700	*6700	*5200	*5200	4400	*3900	*3900	3100	*2800	*2800	*2800	
1500 mm	Lower rear dozer up				6150	3950	3550	4000	2650	2400	2900	1900	1700	2700	1800	1600	7790
	Lower rear dozer down				6100	*7700	4000	4000	*5650	2700	2850	4150	1950	2700	*2950	1800	
	Lower f. dozer & r. stabilizer down				*7700	*7700	6350	*5650	*5650	4150	*4550	4300	3000	*2950	*2950	2800	
	Lower 2 sets of stabilizers down				*7700	*7700	*7700	*5650	*5650	4950	*4550	4450	3550	*2950	*2950	*2950	
	Lower rear dozer up (HD – parallel dozer)				6350	4250	3650	4150	2800	2450	3000	2050	1750	2850	1900	1650	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7700	*7700	6500	*5650	*5650	4250	*4550	*4550	3050	*2950	*2950	2900	
0 mm	Lower rear dozer up	*4400	*4400	*4400	5900	3750	3350	3900	2500	2300	2850	1850	1650	2800	1800	1650	7580
	Lower rear dozer down	*4400	*4400	*4400	5900	*8000	3800	3850	5800	2550	2800	*4050	1900	2800	*3300	1850	
	Lower f. dozer & r. stabilizer down	*4400	*4400	*4400	*8000	*8000	6150	*5800	*5800	4000	*4050	*4050	2950	*3300	*3300	2900	
	Lower 2 sets of stabilizers down	*4400	*4400	*4400	*8000	*8000	7550	*5800	*5800	4850	*4050	*4050	3500	*3300	*3300	*3300	
	Lower rear dozer up (HD – parallel dozer)	*4450	*4450	*4450	6150	4050	3450	4050	2700	2350	2950	2000	1700	2900	1950	1700	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*4450	*4450	*4450	*8000	*8000	6300	*5800	*5800	4150	*4000	*4000	3000	*3300	*3300	3000	
-1500 mm	Lower rear dozer up	*8150	6900	6000	5850	3700	3300	3850	2500	2250				3100	2000	1800	7040
	Lower rear dozer down	*8150	*8150	6950	5850	*7500	3750	3800	*5450	2550				3050	*3950	2050	
	Lower f. dozer & r. stabilizer down	*8150	*8150	*8150	*7500	*7500	6100	*5450	*5450	4000				*3950	*3950	3200	
	Lower 2 sets of stabilizers down	*8150	*8150	*8150	*7500	*7500	7500	*5450	*5450	4800				*3950	*3950	3850	
	Lower rear dozer up (HD – parallel dozer)	*8200	7500	6200	6100	4000	3400	4000	2650	2300				3200	2150	1900	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8200	*8200	*8200	*7500	*7500	6250	*5450	*5450	4100				*3950	*3950	3300	
-3000 mm	Lower rear dozer up	*8350	7050	6150	5900	3750	3350	3900	2550	2300				3850	2500	2250	6070
	Lower rear dozer down	*8350	*8350	7100	5900	*6100	3800	3900	*4050	2600				3850	*3900	2550	
	Lower f. dozer & r. stabilizer down	*8350	*8350	*8350	*6100	*6100	*6100	*4050	*4050	*4050				*3900	*3900	*3900	
	Lower 2 sets of stabilizers down	*8350	*8350	*8350	*6100	*6100	*6100	*4050	*4050	*4050				*3900	*3900	*3900	
	Lower rear dozer up (HD – parallel dozer)	*8300	7650	6300	*6050	4050	3450	*4000	2750	2350				*3900	2700	2350	
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*8300	*8300	*8300	*6050	*6050	*6050	*4000	*4000	*4000				*3900	*3900	*3900	

\*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.

# M316F 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 (3700 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**  
3100 mm

Stick height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm									
		Front	Side	Rear	Front	Side	Rear	Front	Side	Rear	Front	Side	Rear	Front	Side	Rear							
7500 mm	Lower rear dozer up																			*3500	*3500	3300	
	Lower rear dozer down																				*3500	*3500	*3500
	Lower f. dozer & r. stabilizer down																				*3500	*3500	*3500
	Lower 2 sets of stabilizers down																				*3500	*3500	*3500
	Lower rear dozer up (HD – parallel dozer)																				*3500	*3500	3350
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)																				*3500	*3500	*3500
6000 mm	Lower rear dozer up																				*3200	2650	2450
	Lower rear dozer down								*4450	3250	3000										*3200	*3200	2650
	Lower f. dozer & r. stabilizer down								*4450	*4450	*4450										*3200	*3200	*3200
	Lower 2 sets of stabilizers down								*4450	*4450	*4450										*3200	*3200	*3200
	Lower rear dozer up (HD – parallel dozer)								*4450	3450	3100										*3200	2800	2500
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*4450	*4450	*4450										*3200	*3200	*3200
4500 mm	Lower rear dozer up																				*4600	3200	2950
	Lower rear dozer down								4600	*4700	3250										3250	*3550	2300
	Lower f. dozer & r. stabilizer down								*4700	*4700	*4700										*3550	*3550	3400
	Lower 2 sets of stabilizers down								*4700	*4700	*4700										*3550	*3550	*3550
	Lower rear dozer up (HD – parallel dozer)								*4700	3400	3000										3400	2450	2150
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*4700	*4700	*4700										*3600	*3600	3450
3000 mm	Lower rear dozer up																				4450	3100	2850
	Lower rear dozer down								*6500	*6500	4700										3250	2250	2050
	Lower f. dozer & r. stabilizer down								*6500	*6500	*6500										4600	*4600	3350
	Lower 2 sets of stabilizers down								*6500	*6500	*6500										*4600	*4600	3900
	Lower rear dozer up (HD – parallel dozer)								*6500	4950	4300										3350	2400	2100
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*6500	*6500	*6500										3200	*3200	3100
1500 mm	Lower rear dozer up																				6550	4350	3950
	Lower rear dozer down								6500	*7750	4400										4300	*5800	3000
	Lower f. dozer & r. stabilizer down								*7750	*7750	6750										*5800	*5800	4450
	Lower 2 sets of stabilizers down								*7750	*7750	*7750										*5800	*5800	5300
	Lower rear dozer up (HD – parallel dozer)								6750	4650	4000										4450	3150	2750
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*7800	*7800	6950										*4800	*4800	4550
0 mm	Lower rear dozer up																				5800	*5800	*5800
	Lower rear dozer down								*5800	*5800	*5800										6300	*8350	4200
	Lower f. dozer & r. stabilizer down								*5800	*5800	*5800										*8350	*8350	6500
	Lower 2 sets of stabilizers down								*5800	*5800	*5800										*8350	*8350	7950
	Lower rear dozer up (HD – parallel dozer)								*5850	*5850	*5850										6500	4400	3800
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*5850	*5850	*5850										*8400	*8400	6700
-1500 mm	Lower rear dozer up																				8550	7300	6400
	Lower rear dozer down								*8550	*8550	7350										6200	4050	3650
	Lower f. dozer & r. stabilizer down								*8550	*8550	*8550										6150	*8150	4100
	Lower 2 sets of stabilizers down								*8550	*8550	*8550										6000	*6000	4250
	Lower rear dozer up (HD – parallel dozer)								*8600	7900	6550										4100	4100	4100
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*8600	*8600	*8600										6000	*6000	4400
-3000 mm	Lower rear dozer up																				9950	7350	6450
	Lower rear dozer down								*9950	*9950	7450										6200	*7050	4100
	Lower f. dozer & r. stabilizer down								*9950	*9950	*9950										6050	*7050	6450
	Lower 2 sets of stabilizers down								*9950	*9950	*9950										6050	*7050	7050
	Lower rear dozer up (HD – parallel dozer)								9900	8000	6650										4300	2950	2600
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*9900	*9900	*9900										5050	*5050	4400
-4500 mm	Lower rear dozer up																				6400	*6400	*6400
	Lower rear dozer down								*6400	*6400	*6400										4450	*4550	4200
	Lower f. dozer & r. stabilizer down								*6400	*6400	*6400										4450	*4550	*4550
	Lower 2 sets of stabilizers down								*6400	*6400	*6400										4450	*4550	*4550
	Lower rear dozer up (HD – parallel dozer)								6350	*6350	*6350										4500	4450	3850
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)								*6350	*6350	*6350										4500	*4500	*4500

\*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.

# M316F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3700 kg), heavy lift on.

Short Stick 2100 mm		Load at maximum reach (stick nose/bucket pin)												Load over front			Load over rear			Load over side			Load point height			mm
		3000 mm			4500 mm			6000 mm			7500 mm															
																										
7500 mm	Lower rear dozer up				*5500	4600	4150								*4300	4150	3750	4730								
	Lower rear dozer down				*5500	*5500	4650								*4300	*4300	4200									
	Lower f. dozer & r. stabilizer down				*5500	*5500	*5500								*4300	*4300	*4300									
	Lower 2 sets of stabilizers down				*5500	*5500	*5500								*4300	*4300	*4300									
	Lower rear dozer up (HD – parallel dozer)				*5600	4950	4250								*4250	*4250	3800									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5600	*5600	*5600								*4250	*4250	*4250									
6000 mm	Lower rear dozer up				*5550	4700	4200	4250	2800	2500					*3500	2600	2350	6190								
	Lower rear dozer down				*5550	*5550	4750	4200	*4850	2850					*3500	*3500	2650									
	Lower f. dozer & r. stabilizer down				*5550	*5550	*5550	*4850	*4850	4350					*3500	*3500	*3500									
	Lower 2 sets of stabilizers down				*5550	*5550	*5550	*4850	*4850	*4850					*3500	*3500	*3500									
	Lower rear dozer up (HD – parallel dozer)				*5550	5000	4300	4400	3000	2600					*3500	2800	2400									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5550	*5550	*5550	*4900	*4900	4500					*3500	*3500	*3500									
4500 mm	Lower rear dozer up				*6150	4400	3950	4200	2750	2450					3150	2050	1850	7020								
	Lower rear dozer down				*6150	*6150	4450	4150	*4950	2800					3150	*3250	2050									
	Lower f. dozer & r. stabilizer down				*6150	*6150	*6150	*4950	*4950	4300					*3250	*3250	*3250									
	Lower 2 sets of stabilizers down				*6150	*6150	*6150	*4950	*4950	*4950					*3250	*3250	*3250									
	Lower rear dozer up (HD – parallel dozer)				*6150	4700	4050	4350	2950	2550					*3250	2200	1900									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6150	*6150	*6150	*4950	*4950	4450					*3250	*3250	*3250									
3000 mm	Lower rear dozer up				6200	3950	3500	4000	2550	2300					2800	1750	1600	7450								
	Lower rear dozer down				6200	*7050	4000	3950	*5250	2600					2800	*3200	1800									
	Lower f. dozer & r. stabilizer down				*7050	*7050	6450	*5250	*5250	4150					*3200	*3200	2900									
	Lower 2 sets of stabilizers down				*7050	*7050	*7050	*5250	*5250	5000					*3200	*3200	*3200									
	Lower rear dozer up (HD – parallel dozer)				6450	4250	3600	4150	2750	2350					2900	1900	1650									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7050	*7050	6600	*5250	*5250	4250					*3200	*3200	3000									
1500 mm	Lower rear dozer up				5800	3550	3150	3800	2400	2150	2700	1700	1500		2700	1700	1500	7550								
	Lower rear dozer down				5750	*7600	3600	3800	*5500	2450	2700	4050	1750		2650	*3300	1700									
	Lower f. dozer & r. stabilizer down				*7600	*7600	6000	*5500	*5500	3950	*4100	*4100	2800		*3300	*3300	2800									
	Lower 2 sets of stabilizers down				*7600	*7600	7450	*5500	*5500	4800	*4100	*4100	3400		*3300	*3300	*3300									
	Lower rear dozer up (HD – parallel dozer)				6000	3850	3200	3950	2600	2200	2850	1850	1550		2800	1800	1550									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7600	*7600	6150	*5500	*5500	4050	*4100	*4100	2900		*3300	*3300	2850									
0 mm	Lower rear dozer up				5600	3350	2950	3650	2250	2000					2750	1700	1550	7340								
	Lower rear dozer down				5550	*7300	3450	3650	*5350	2300					2750	*3600	1750									
	Lower f. dozer & r. stabilizer down				*7300	*7300	5800	*5350	*5350	3800					*3600	*3600	2850									
	Lower 2 sets of stabilizers down				*7300	*7300	7250	*5350	*5350	4650					*3600	*3600	3500									
	Lower rear dozer up (HD – parallel dozer)				5800	3650	3050	3800	2450	2100					2900	1850	1600									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7300	*7300	6000	*5350	*5350	3900					*3600	*3600	2950									
-1500 mm	Lower rear dozer up	*7300	6400	5500	5550	3350	2950	3650	2250	2000					3100	1950	1750	6780								
	Lower rear dozer down	*7300	*7300	6450	5550	*6300	3400	3650	*4650	2300					3100	*3550	2000									
	Lower f. dozer & r. stabilizer down	*7300	*7300	*7300	*6300	*6300	5800	*4650	*4650	3800					*3550	*3550	3250									
	Lower 2 sets of stabilizers down	*7300	*7300	*7300	*6300	*6300	*6300	*4650	*4650	4650					*3550	*3550	*3550									
	Lower rear dozer up (HD – parallel dozer)	*7400	7000	5650	5800	3650	3050	3800	2450	2050					3250	2100	1800									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7400	*7400	*7400	*6300	*6300	5950	*4600	*4600	3900					*3550	*3550	3350									
-3000 mm	Lower rear dozer up				*4400	3500	3050																			
	Lower rear dozer down				*4400	*4400	3550																			
	Lower f. dozer & r. stabilizer down				*4400	*4400	*4400																			
	Lower 2 sets of stabilizers down				*4400	*4400	*4400																			
	Lower rear dozer up (HD – parallel dozer)				*4350	3800	3150																			
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4350	*4350	*4350																			

\*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.

# M316F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (3700 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 2400 mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm		
7500 mm	Lower rear dozer up				*5250	4750	4300							*3500	*3500	3300
	Lower rear dozer down				*5250	*5250	4800							*3500	*3500	*3500
	Lower f. dozer & r. stabilizer down				*5250	*5250	*5250							*3500	*3500	*3500
	Lower 2 sets of stabilizers down				*5250	*5250	*5250							*3500	*3500	*3500
	Lower rear dozer up (HD – parallel dozer)				*5250	5050	4400							*3450	*3450	3350
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5250	*5250	*5250							*3450	*3450	*3450
6000 mm	Lower rear dozer up				*5300	4750	4300	4300	2850	2600				*2950	2400	2150
	Lower rear dozer down				*5300	*5300	4800	4300	*4700	2900				*2950	*2950	2450
	Lower f. dozer & r. stabilizer down				*5300	*5300	*5300	*4700	*4700	4450				*2950	*2950	*2950
	Lower 2 sets of stabilizers down				*5300	*5300	*5300	*4700	*4700	*4700				*2950	*2950	*2950
	Lower rear dozer up (HD – parallel dozer)				*5300	5100	4400	4450	3050	2650				*2950	2550	2200
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5300	*5300	*5300	*4700	*4700	4550				*2950	*2950	*2950
4500 mm	Lower rear dozer up				*5900	4500	4050	4200	2800	2500				*2750	1900	1700
	Lower rear dozer down				*5900	*5900	4550	4200	*4850	2800				*2750	*2750	1950
	Lower f. dozer & r. stabilizer down				*5900	*5900	*5900	*4850	*4850	4350				*2750	*2750	*2750
	Lower 2 sets of stabilizers down				*5900	*5900	*5900	*4850	*4850	*4850				*2750	*2750	*2750
	Lower rear dozer up (HD – parallel dozer)				*5900	4800	4100	4350	3000	2550				*2750	2050	1750
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*5900	*5900	*5900	*4850	*4850	4500				*2750	*2750	*2750
3000 mm	Lower rear dozer up				6300	4000	3600	4000	2600	2350	2800	1800	1600	2650	1650	1500
	Lower rear dozer down				6300	*6850	4050	4000	*5100	2650	2800	*4150	1800	2650	*2750	1700
	Lower f. dozer & r. stabilizer down				*6850	*6850	6550	*5100	*5100	4150	*4150	*4150	2900	*2750	*2750	*2750
	Lower 2 sets of stabilizers down				*6850	*6850	*6850	*5100	*5100	5000	*4150	*4150	3500	*2750	*2750	*2750
	Lower rear dozer up (HD – parallel dozer)				6500	4300	3650	4150	2800	2400	2900	1900	1650	*2750	1800	1550
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*6850	*6850	6700	*5150	*5150	4250	*4150	*4150	3000	*2750	*2750	*2750
1500 mm	Lower rear dozer up				5800	3600	3150	3800	2400	2150	2700	1700	1500	2550	1600	1400
	Lower rear dozer down				5800	*7500	3650	3800	*5450	2450	2700	4050	1750	2550	*2850	1600
	Lower f. dozer & r. stabilizer down				*7500	*7500	6050	*5450	*5450	3950	*4250	4200	2800	*2850	*2850	2650
	Lower 2 sets of stabilizers down				*7500	*7500	7500	*5450	*5450	4800	*4250	*4250	3400	*2850	*2850	*2850
	Lower rear dozer up (HD – parallel dozer)				6050	3900	3250	3950	2600	2200	2850	1850	1550	2650	1700	1450
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7500	*7500	6200	*5450	*5450	4050	*4250	*4250	2900	*2850	*2850	2700
0 mm	Lower rear dozer up				5550	3350	2950	3650	2250	2000	2650	1650	1450	2600	1600	1450
	Lower rear dozer down				5550	*7400	3400	3650	*5400	2300	2650	*3950	1700	2600	*3100	1650
	Lower f. dozer & r. stabilizer down				*7400	*7400	5800	*5400	*5400	3800	*3950	*3950	2750	*3100	*3100	2700
	Lower 2 sets of stabilizers down				*7400	*7400	7200	*5400	*5400	4650	*3950	*3950	3350	*3100	*3100	*3100
	Lower rear dozer up (HD – parallel dozer)				5800	3650	3050	3800	2450	2050	2800	1800	1500	2700	1750	1500
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*7400	*7400	5950	*5400	*5400	3900	*3950	*3950	2850	*3100	*3100	2800
-1500 mm	Lower rear dozer up	*7250	6300	5400	5550	3300	2900	3600	2200	1950				2900	1800	1600
	Lower rear dozer down	*7250	*7250	6350	5500	*6550	3400	3600	*4800	2250				2900	*3500	1850
	Lower f. dozer & r. stabilizer down	*7250	*7250	*7250	*6550	*6550	5750	*4800	*4800	3750				*3500	*3500	3000
	Lower 2 sets of stabilizers down	*7250	*7250	*7250	*6550	*6550	*6550	*4800	*4800	4600				*3500	*3500	*3500
	Lower rear dozer up (HD – parallel dozer)	*7300	6900	5550	5750	3600	3000	3750	2400	2050				3050	1950	1650
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)	*7300	*7300	*7300	*6550	*6550	5950	*4800	*4800	3850				*3500	*3500	3100
-3000 mm	Lower rear dozer up				*4850	3400	3000	*3100	2300	2050						
	Lower rear dozer down				*4850	*4850	3500	*3100	*3100	2350						
	Lower f. dozer & r. stabilizer down				*4850	*4850	*4850	*3100	*3100	*3100						
	Lower 2 sets of stabilizers down				*4850	*4850	*4850	*3100	*3100	*3100						
	Lower rear dozer up (HD – parallel dozer)				*4850	3700	3100									
	Lower f. dozer & r. stabilizer down (HD – parallel dozer)				*4850	*4850	*4850									

\*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.







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