

# M318F

Wheeled Excavator



## Lift Capacity Specifications

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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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						
		Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up				
6000 mm	Rear dozer up				*6200	5050	4400	4500	3100	2700				*3900	2950	2550	6180
	Rear dozer down					*6200	5000		*5050	3100					*3900	2950	
	Dozer and stabilizer down					*6200	*6200		*5050	4700					*3900	*3900	
	2 sets of stabilizers down				*6200	*6200	*6200	*5050	*5050	*5050				*3900	*3900	*3900	
4500 mm	Wide rear dozer up					5050	4800		3100	3000					2950	2800	
	Rear dozer up				*6600	4800	4150	4450	3050	2650				3400	2350	2050	
	Rear dozer down					*6600	4800		*5100	3050					*3650	2350	
	Dozer and stabilizer down					*6600	*6600		*5100	4650					*3650	3600	
3000 mm	2 sets of stabilizers down				*6600	*6600	*6600	*5100	*5100	*5100					*3650	*3650	
	Wide rear dozer up					4850	4600		3100	2950					2350	2250	
	Rear dozer up				6600	4450	3800	4300	2900	2550				3050	2100	1800	
	Rear dozer down					*7600	4450		*5400	2950					*3600	2100	
1500 mm	Dozer and stabilizer down					*7600	7000		*5400	4500					*3600	3200	
	2 sets of stabilizers down				*7600	*7600	*7600	*5400	*5400	5250				*3600	*3600	*3600	
	Wide rear dozer up					4450	4250		2950	2800					2100	2000	
	Rear dozer up				6300	4150	3500	4150	2800	2400	3000	2000	1750	2950	2000	1700	
0 mm	Rear dozer down					*8750	4100		*5900	2800			*4300	2000	*3750	2000	
	Dozer and stabilizer down					*8750	6650		*5900	4350			*4300	3150	*3750	3100	
	2 sets of stabilizers down				*8750	*8750	7900	*5900	*5900	5100	*4300	*4300	3650	*3750	*3750	3650	
	Wide rear dozer up					4150	3950		2800	2650			2000	1950	2000	1900	
-1500 mm	Rear dozer up	*7200	*7200	6200	6100	4000	3350	4000	2650	2300				3450	2300	2000	
	Rear dozer down		*7200	*7200		*7400	4000		*5450	2700					*4250	2300	
	Dozer and stabilizer down		*7200	*7200		*7400	6450		*5450	4200					*4250	3600	
	2 sets of stabilizers down	*7200	*7200	*7200	*7400	*7400	*7400	*5450	*5450	4950				*4250	*4250	4250	
-3000 mm	Wide rear dozer up					4000	3800		2700	2550					2300	2200	
	Rear dozer up				*5250	4100	3450										
	Rear dozer down					*5250	4100										
	Dozer and stabilizer down					*5250	*5250										
-3000 mm	2 sets of stabilizers down				*5250	*5250	*5250										
	Wide rear dozer up					4100	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 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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 kg), heavy lift on.

Medium Stick 2400 mm	Load point height	Undercarriage configuration	Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			mm			
			3000 mm			4500 mm			6000 mm			7500 mm						
			Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick		Stick		
6000 mm	Stick	Rear dozer up				*5400	5100	4450	4550	3150	2750				*3300	2700	2350	6510
		Rear dozer down				*5400	5100			*4850	3150					*3300	2700	
		Dozer and stabilizer down					*5400	*5400		*4850	4750					*3300	*3300	
		2 sets of stabilizers down				*5400	*5400	*5400	*4850	*4850	*4850				*3300	*3300	*3300	
4500 mm	Stick	Wide rear dozer up					5100	4900		3150	3050					2700	2600	7300
		Rear dozer up				*6400	4850	4200	4450	3100	2700				*3100	2200	1900	
		Rear dozer down					*6400	4850		*4950	3100					*3100	2200	
		Dozer and stabilizer down					*6400	*6400		*4950	4650					*3100	*3100	
3000 mm	Stick	2 sets of stabilizers down				*6400	*6400	*6400	*4950	*4950	*4950				*3100	*3100	*3100	7710
		Wide rear dozer up					4900	4650		3100	2950					2200	2100	
		Rear dozer up				6700	4500	3850	4300	2950	2550	3050	2050	1800	2900	1950	1700	
		Rear dozer down					*7300	4500		*5250	2950		*4250	2100		*3100	2000	
1500 mm	Stick	Dozer and stabilizer down					*7300	7050		*5250	4500		*4250	3200		*3100	3050	7810
		2 sets of stabilizers down				*7300	*7300	*7300	*5250	*5250	*5250	*4250	*4250	3700	*3100	*3100	*3100	
		Wide rear dozer up					4500	4300		2950	2800		2100	2000		2000	1900	
		Rear dozer up				6300	4150	3550	4150	2800	2400	3000	2000	1750	2800	1900	1600	
0 mm	Stick	Rear dozer down					*8650	4150		*5750	2800		*4450	2000		*3200	1900	7600
		Dozer and stabilizer down					*8650	6650		*5750	4350		*4450	3150		*3200	2950	
		2 sets of stabilizers down				*8650	*8650	7950	*5750	*5750	5100	*4450	*4450	3650	*3200	*3200	*3200	
		Wide rear dozer up					4150	3950		2800	2650		2000	1950		1900	1800	
-1500 mm	Stick	Rear dozer up	*7100	*7100	6100	6100	3950	3350	4000	2650	2300	2950	1950	1700	2900	1950	1650	7050
		Rear dozer down		*7100	*7100		*7650	3950		*5650	2650					*4150	2150	
		Dozer and stabilizer down		*7100	*7100		*7650	6400		*5650	4200					*4150	3350	
		2 sets of stabilizers down	*7100	*7100	*7100	*7650	*7650	*7650	*5650	*5650	4950				*4150	*4150	3950	
-3000 mm	Stick	Wide rear dozer up					3950	3750		2650	2550					2150	2050	
		Rear dozer up				*5800	4000	3400										
		Rear dozer down					*5800	4000										
		Dozer and stabilizer down					*5800	*5800										
	Stick	2 sets of stabilizers down				*5800	*5800	*5800										
		Wide rear dozer up					4050	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 and the Variable Boom Cylinder adjusted to the maximum length. For lifting capacity including bucket and/or quick coupler, the respective weight has to be subtracted from above values. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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						
																	
6000 mm	Rear dozer up				*4900	*4900	4500	4550	3200	2800				*3000	2550	2250	6740
	Rear dozer down					*4900	*4900		*4750	3200					*3000	2550	
	Dozer and stabilizer down					*4900	*4900		*4750	*4750					*3000	*3000	
	2 sets of stabilizers down				*4900	*4900	*4900	*4750	*4750	*4750				*3000	*3000	*3000	
4500 mm	Wide rear dozer up					*4900	*4900		3200	3050					2600	2450	7510
	Rear dozer up				*5800	4900	4250	4500	3100	2700	*2900	2100	1850	*2800	2100	1850	
	Rear dozer down					*5800	4900		*4900	3100		*2900	2100		*2800	2100	
	Dozer and stabilizer down					*5800	*5800		*4900	4700		*2900	*2900		*2800	*2800	
3000 mm	2 sets of stabilizers down				*5800	*5800	*5800	*4900	*4900	*4900	*2900	*2900	*2900	*2800	*2800	*2800	7910
	Wide rear dozer up					4950	4700		3100	3000		2100	2050		2100	2050	
	Rear dozer up				6750	4550	3900	4300	2950	2550	3050	2050	1800	2800	1900	1650	
	Rear dozer down					*7150	4500		*5200	2950		*4150	2100		*2800	1900	
1500 mm	Dozer and stabilizer down					*7150	7100		*5200	4550		*4150	3200		*2800	*2800	8000
	2 sets of stabilizers down				*7150	*7150	*7150	*5200	*5200	*5200	*4150	*4150	3750	*2800	*2800	*2800	
	Wide rear dozer up					4550	4350		2950	2850		2100	2000		1900	1800	
	Rear dozer up				6350	4200	3550	4150	2800	2400	3000	2000	1750	2700	1800	1550	
0 mm	Rear dozer down					*8550	4150		*5650	2800		*4350	2000		*2900	1800	7800
	Dozer and stabilizer down					*8550	6700		*5650	4350		*4350	3150		*2900	2850	
	2 sets of stabilizers down				*8550	*8550	7950	*5650	*5650	5100	*4350	*4350	3650	*2900	*2900	*2900	
	Wide rear dozer up					4200	4000		2800	2650		2000	1950		1800	1750	
-1500 mm	Rear dozer up				6100	4000	3350	4000	2650	2300	2950	1950	1700	2800	1850	1600	7270
	Rear dozer down					*8650	3950		*6200	2700		4500	1950		*3200	1850	
	Dozer and stabilizer down					*8650	6450		*6200	4250		4550	3100		*3200	2900	
	2 sets of stabilizers down				*8650	*8650	7750	*6200	*6200	4950	*4650	*4650	3600	*3200	*3200	*3200	
-3000 mm	Wide rear dozer up	*6850	*6850	6050	6050	3950	3300	3950	2650	2250				3050	2050	1750	6330
	Rear dozer up					*6850	3900		*5750	2650					*3700	2050	
	Rear dozer down					*6850	6400		*5750	4200					*3700	3200	
	Dozer and stabilizer down				*6850	*6850	7700	*5750	*5750	4950				*3700	*3700	*3700	
-3000 mm	2 sets of stabilizers down	*6850	*6850	*6850	*7850	*7850	3950	3750	2650	2500				*3700	*3700	1950	6330
	Wide rear dozer up				*6100	4000	3400	4050	2700	2300				*3550	2500	2150	
	Rear dozer up					*6100	4000		*4200	2700					*3550	2550	
	Rear dozer down					*6100	*6100	*4200	*4200	*4200				*3550	*3550	*3550	
-3000 mm	2 sets of stabilizers down				*6100	*6100	*6100	*4200	*4200	*4200				*3550	*3550	*3550	6330
	Wide rear dozer up					4000	3800		2700	2550					2550	2400	

\*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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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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 mm	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm
		Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	Load at max reach	Load over front	Load over rear	
6000 mm	Rear dozer up							*4650	3500	3100				*3250	2600	2300	7170
	Rear dozer down							*4650	3500					*3250	2650		
	Dozer and stabilizer down							*4650	*4650	*4650				*3250	*3250	*3250	
	2 sets of stabilizers down							*4650	*4650	*4650				*3250	*3250	*3250	
Wide rear dozer up								3500	3400					2650	2550		
4500 mm	Rear dozer up				*5050	*5050	4600	4800	3450	3050	3400	2450	2150	3150	2250	2000	7890
	Rear dozer down				*5050	*5050			*5000	3450		*4200	2450		*3150	2250	
	Dozer and stabilizer down				*5050	*5050			*5000	*5000		*4200	3550		*3150	*3150	
	2 sets of stabilizers down				*5050	*5050		*5000	*5000		*4200	4100		*3150	*3150		
Wide rear dozer up				*5050	5050			3450	3300		2450	2350		2250	2150		
3000 mm	Rear dozer up				*7050	4950	4300	4650	3300	2900	3350	2350	2100	2900	2050	1800	8270
	Rear dozer down				*7050	4950			*5300	3300		*4300	2400		*3200	2050	
	Dozer and stabilizer down				*7050	*7050			*5300	4850		*4300	3500		*3200	3050	
	2 sets of stabilizers down				*7050	*7050		*5300	*5300	*5300	*4300	*4300	4050	*3200	*3200	*3200	
Wide rear dozer up					4950	4750		3300	3150		2400	2300		2050	2000		
1500 mm	Rear dozer up				6750	4600	3950	4450	3100	2750	3250	2300	2000	2800	1950	1750	8360
	Rear dozer down					*8400	4600		*5800	3100		*4550	2300		*3350	2000	
	Dozer and stabilizer down					*8400	7100		*5800	4700		*4550	3400		*3350	2950	
	2 sets of stabilizers down				*8400	*8400		*5800	5450	*4550	*4550	3950	*3350	*3350	*3350		
Wide rear dozer up					4600	4400		3150	3000		2300	2200		2000	1900		
0 mm	Rear dozer up				6500	4350	3750	4350	3000	2600	3200	2250	1950	2850	2000	1750	8170
	Rear dozer down					*9100	4350		*6350	3000		4750	2250		*3700	2000	
	Dozer and stabilizer down					*9100	6850		*6350	4550		*4800	3350		*3700	3000	
	2 sets of stabilizers down				*9100	*9100	8150	*6350	*6350	5300	*4800	*4800	3900	*3700	*3700	3450	
Wide rear dozer up					4400	4150		3000	2850		2250	2150		2000	1950		
-1500 mm	Rear dozer up	*7350	*7350	6450	6400	4250	3650	4250	2900	2550	3200	2200	1950	3100	2150	1900	7660
	Rear dozer down		*7350	*7350		*8600	4250		*6350	2950		*4700	2200		*4350	2150	
	Dozer and stabilizer down		*7350	*7350		*8600	6750		*6350	4450		*4700	3350		*4350	3250	
	2 sets of stabilizers down	*7350	*7350	*7350	*8600	*8600	8000	*6350	*6350	5200	*4700	*4700	3850	*4350	*4350	3750	
Wide rear dozer up		*7350	7300		4300	4050		2950	2800		2200	2150		2150	2100		
-3000 mm	Rear dozer up	*9750	7900	6550	6400	4300	3650	4250	2950	2550				3650	2550	2200	6790
	Rear dozer down		*9750	7800		*7200	4250		*5250	2950					*4150	2550	
	Dozer and stabilizer down		*9750	*9750		*7200	6750		*5250	4500					*4150	3800	
	2 sets of stabilizers down	*9750	*9750	*9750	*7200	*7200	*7200	*5250	*5250	5250				*4150	*4150	*4150	
Wide rear dozer up		7950	7400		4300	4100		2950	2800					2550	2450		

\*Limited by hydraulic rather than tipping load.

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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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	Load point height												
						3000 mm			4500 mm			6000 mm			7500 mm			mm
						Stick nose	Bucket pin	Quick coupler	Stick nose	Bucket pin	Quick coupler	Stick nose	Bucket pin	Quick coupler	Stick nose	Bucket pin	Quick coupler	
6000 mm	Rear dozer up				*6100	5050	4350	4400	3000	2600				*3500	2800	2450	6200	
	Rear dozer down					*6100	5000		*4900	3000					*3500	2800		
	Dozer and stabilizer down					*6100	*6100		*4900	4650					*3500	*3500		
	2 sets of stabilizers down				*6100	*6100	*6100	*4900	*4900	*4900				*3500	*3500	*3500		
4500 mm	Wide rear dozer up					5050	4800		3050	2900					2800	2700		
	Rear dozer up				*6450	4750	4100	4350	2950	2550				*3250	2200	1900	7030	
	Rear dozer down					*6450	4750		*4950	2950					*3250	2200		
	Dozer and stabilizer down					*6450	*6450		*4950	4550					*3250	*3250		
2 sets of stabilizers down				*6450	*6450	*6450	*4950	*4950	*4950				*3250	*3250	*3250			
3000 mm	Wide rear dozer up					4750	4500		3000	2850					2200	2100		
	Rear dozer up				6500	4300	3650	4150	2800	2400				2950	1950	1650	7460	
	Rear dozer down					*7400	4250		*5250	2800					*3200	1950		
	Dozer and stabilizer down					*7400	6850		*5250	4400					*3200	3100		
2 sets of stabilizers down				*7400	*7400	*7400	*5250	*5250	5150				*3200	*3200	*3200			
1500 mm	Wide rear dozer up					4300	4050		2800	2650					1950	1850		
	Rear dozer up				6050	3900	3250	3950	2600	2200	2850	1850	1600	2800	1850	1550	7550	
	Rear dozer down					*8450	3850		*5700	2600		*4100	1850		*3300	1850		
	Dozer and stabilizer down					*8450	6400		*5700	4200		*4100	3000		*3300	2950		
2 sets of stabilizers down				*8450	*8450	7700	*5700	*5700	4950	*4100	*4100	3550	*3300	*3300	*3300			
0 mm	Wide rear dozer up					3900	3700		2600	2500					1850	1750		
	Rear dozer up				5850	3700	3100	3850	2500	2100				2900	1900	1600	7340	
	Rear dozer down					*8150	3700		*5950	2500					*3600	1900		
	Dozer and stabilizer down					*8150	6200		*5950	4050					*3600	3050		
2 sets of stabilizers down				*8150	*8150	7450	*5950	*5950	4800				*3600	*3600	*3600			
-1500 mm	Wide rear dozer up					3700	3500		2500	2350					1900	1800		
	Rear dozer up	*7400	7100	5700	5850	3700	3100	3850	2450	2100				3250	2150	1800	6770	
	Rear dozer down		*7400	7000		*7050	3700		*5150	2500					*3950	2150		
	Dozer and stabilizer down		*7400	*7400		*7050	6200		*5150	4050					*3950	3450		
2 sets of stabilizers down	*7400	*7400	*7400	*7050	*7050	*7050	*5150	*5150	4800				*3950	*3950	*3950			
-3000 mm	Wide rear dozer up					3700	3500		2500	2350					2150	2050		
	Rear dozer up				*4900	3800	3200											
	Rear dozer down					*4900	3800											
	Dozer and stabilizer down					*4900	*4900											
2 sets of stabilizers down				*4900	*4900	*4900												

\*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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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																	
6000 mm	Rear dozer up				*5450	5100	4450	4500	3100	2700				*2950	2600	2250	6530
	Rear dozer down				*5450	5100			*4750	3100					*2950	2600	
	Dozer and stabilizer down					*5450	*5450		*4750	4700					*2950	*2950	
	2 sets of stabilizers down				*5450	*5450	*5450	*4750	*4750	*4750				*2950	*2950	*2950	
Wide rear dozer up					5150	4900		3100	2950					2600	2500		
4500 mm	Rear dozer up				*6250	4850	4150	4400	3000	2600				*2750	2050	1800	7320
	Rear dozer down					*6250	4800		*4850	3000					*2750	2100	
	Dozer and stabilizer down					*6250	*6250		*4850	4600					*2750	*2750	
	2 sets of stabilizers down				*6250	*6250	*6250	*4850	*4850	*4850				*2750	*2750	*2750	
Wide rear dozer up					4850	4600		3000	2900					2100	2000		
3000 mm	Rear dozer up				6550	4350	3700	4200	2800	2400	2950	1950	1650	*2750	1850	1550	7730
	Rear dozer down					*7100	4350		*5150	2800		*4150	1950		*2750	1850	
	Dozer and stabilizer down					*7100	6950		*5150	4400		*4150	3100		*2750	*2750	
	2 sets of stabilizers down				*7100	*7100	*7100	*5150	*5150	*5150	*4150	*4150	3600	*2750	*2750	*2750	
Wide rear dozer up					4400	4150		2850	2700		1950	1850		1850	1750		
1500 mm	Rear dozer up				6100	3900	3300	4000	2600	2200	2850	1850	1600	2650	1750	1450	7820
	Rear dozer down					*8350	3900		*5600	2600		*4300	1850		*2850	1750	
	Dozer and stabilizer down					*8350	6450		*5600	4200		*4300	3000		*2850	2800	
	2 sets of stabilizers down				*8350	*8350	7750	*5600	*5600	4950	*4300	*4300	3550	*2850	*2850	*2850	
Wide rear dozer up					3950	3700		2650	2500		1850	1800		1750	1650		
0 mm	Rear dozer up				5850	3700	3100	3850	2500	2100	2800	1800	1550	2750	1750	1500	7610
	Rear dozer down					*8250	3700		*6000	2500		4400	1800		*3100	1800	
	Dozer and stabilizer down					*8250	6200		*6000	4050		*4450	2950		*3100	2900	
	2 sets of stabilizers down				*8250	*8250	7450	*6000	*6000	4800	*4450	*4450	3500	*3100	*3100	*3100	
Wide rear dozer up					3700	3500		2500	2350		1800	1750		1800	1700		
-1500 mm	Rear dozer up	*7300	6950	5600	5800	3650	3050	3800	2450	2050				3050	2000	1650	7070
	Rear dozer down		*7300	6900		*7300	3650		*5350	2450					*3600	2000	
	Dozer and stabilizer down		*7300	*7300		*7300	6150		*5350	4000					*3600	3200	
	2 sets of stabilizers down	*7300	*7300	*7300	*7300	*7300	*7300	*5350	*5350	4750				*3600	*3600	*3600	
Wide rear dozer up		7000	6450		3650	3450		2450	2300					2000	1900		
-3000 mm	Rear dozer up				*5450	3750	3150										
	Rear dozer down					*5450	3750										
	Dozer and stabilizer down					*5450	*5450										
	2 sets of stabilizers down				*5450	*5450	*5450										
Wide rear dozer up					3750	3550											

\*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.



# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side				
6000 mm	Rear dozer up												*3850	3150	2750	5930	
	Rear dozer down													*3850	3150		
	Dozer and stabilizer down													*3850	*3850		
	2 sets of stabilizers down													*3850	*3850		
4500 mm	Wide rear dozer up													3200	3050	6800	
	Rear dozer up				*6600	4850	4200	4450	3100	2700				*3600	2500		2200
	Rear dozer down					*6600	4800		*5600	3100					*3600		2500
	Dozer and stabilizer down					*6600	*6600		*5600	4650					*3600		*3600
3000 mm	2 sets of stabilizers down				*6600	*6600		*5600	5400					*3600	*3600		
	Wide rear dozer up					4850	4600		3100	2950					2500	2400	
	Rear dozer up				6650	4500	3900	4300	2950	2600				3250	2200	1950	
	Rear dozer down					*7850	4500		*6050	2950					*3600	2250	
1500 mm	Dozer and stabilizer down					*7850	7000		*6050	4500					*3600	3400	
	2 sets of stabilizers down				*7850	*7850	*7850	*6050	*6050	5250				*3600	*3600		
	Wide rear dozer up					4550	4300		3000	2850					2250	2150	
	Rear dozer up				6350	4250	3650	4150	2850	2450				3100	2100	1850	
0 mm	Rear dozer down					*8800	4200		*6400	2850					*3800	2150	
	Dozer and stabilizer down					*8800	6700		*6400	4350					*3800	3250	
	2 sets of stabilizers down				*8800	*8800	7950	*6400	*6400	5100				*3800	*3800		
	Wide rear dozer up					4250	4050		2850	2750					2150	2050	
-1500 mm	Rear dozer up	*8800	7700	6350	6200	4100	3500	4050	2750	2350				3650	2450	2150	
	Rear dozer down		*8800	7600		*7950	4050		*5750	2750					*4900	2450	
	Dozer and stabilizer down		*8800	*8800		*7950	6500		*5750	4250					*4900	3800	
	2 sets of stabilizers down	*8800	*8800	*8800	*7950	*7950	7800	*5750	*5750	5000				*4900	*4900	4450	
-3000 mm	Wide rear dozer up		7750	7200		4100	3900		2750	2650					2500	2350	
	Rear dozer up	*7800	*7800	6500	*5900	4150	3550							*4250	3200	2800	
	Rear dozer down		*7800	7750		*5900	4150								*4250	3200	
	Dozer and stabilizer down		*7800	*7800		*5900	*5900								*4250	*4250	
5460	2 sets of stabilizers down	*7800	*7800	*7800	*5900	*5900	*5900							*4250	*4250		
	Wide rear dozer up		*7800	7350		4200	4000								3250	3100	

\*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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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							
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side					
6000 mm	Rear dozer up							*4300	3150	2750				*3250	2900	2550	6250	
	Rear dozer down								*4300	3150					*3250	2950		
	Dozer and stabilizer down								*4300	*4300					*3250	*3250		
	2 sets of stabilizers down								*4300	*4300					*3250	*3250		
4500 mm	Wide rear dozer up								3150	3050					2950	2800		
	Rear dozer up				*6300	4900	4250	4450	3100	2700				*3050	2350	2050	7080	
	Rear dozer down					*6300	4850		*5400	3100					*3050	2350		
	Dozer and stabilizer down					*6300	*6300		*5400	4650					*3050	*3050		
2 sets of stabilizers down					*6300	*6300	*5400	*5400	*5400					*3050	*3050			
3000 mm	Wide rear dozer up					4900	4650		3100	3000					2350	2250		
	Rear dozer up				6700	4550	3950	4300	3000	2600				3050	2100	1850	7500	
	Rear dozer down					*7550	4550		*5850	3000					*3100	2100		
	Dozer and stabilizer down					*7550	7050		*5850	4550					*3100	*3100		
2 sets of stabilizers down					*7550	*7550	*5850	*5850	5250					*3100	*3100			
1500 mm	Wide rear dozer up					4600	4350		3000	2850					2100	2000		
	Rear dozer up				6350	4250	3650	4150	2850	2450	3000	2050	1800	2950	2000	1750	7600	
	Rear dozer down					*8650	4250		*6300	2850		*4100	2050		*3250	2000		
	Dozer and stabilizer down					*8650	6700		*6300	4400		*4100	3150		*3250	3100		
2 sets of stabilizers down					*8650	8000	*6300	*6300	5100	*4100	*4100	3650	*3250	*3250	*3250			
0 mm	Wide rear dozer up					4250	4050		2850	2750		2050	2000		2000	1950		
	Rear dozer up				6200	4100	3500	4050	2750	2350				3050	2050	1800	7380	
	Rear dozer down					*8850	4100		6350	2750					*3650	2050		
	Dozer and stabilizer down					*8850	6550		6400	4250					*3650	3200		
2 sets of stabilizers down					*8850	7800	*6450	*6450	5000					*3650	*3650			
-1500 mm	Wide rear dozer up					4100	3900		2750	2650					2050	2000		
	Rear dozer up	*8550	7600	6250	6150	4050	3450	4050	2700	2350				3400	2300	2000	6820	
	Rear dozer down		*8550	7550		*8150	4050		*5950	2700					*4400	2300		
	Dozer and stabilizer down		*8550	*8550		*8150	6500		*5950	4250					*4400	3550		
2 sets of stabilizers down	*8550	*8550	*8550	*8150	*8150	7750	*5950	*5950	4950				*4400	*4400	4150			
-3000 mm	Wide rear dozer up					7650	7100		2700	2600					2300	2200		
	Rear dozer up	*8650	7750	6400	6200	4100	3500							4300	2900	2500	5810	
	Rear dozer down		*8650	7650		*6450	4100								*4350	2900		
	Dozer and stabilizer down		*8650	*8650		*6450	*6450								*4350	*4350		
2 sets of stabilizers down	*8650	*8650	*8650	*6450	*6450	*6450							*4350	*4350	*4350			
-3000 mm	Wide rear dozer up					7800	7250								2900	2800		

\*Limited by hydraulic rather than tipping load.























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

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

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 kg), heavy lift on.

Long Stick 2600 mm	 Load at maximum reach (stick nose/bucket pin)	 Load over front	 Load over rear	 Load over side	 Load point height																			
						3000 mm			4500 mm			6000 mm			7500 mm						mm			
																								
Undercarriage configuration																								
6000 mm	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
4500 mm	Wide rear dozer up																							
	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
3000 mm	2 sets of stabilizers down																							
	Wide rear dozer up																							
	Rear dozer up																							
	Rear dozer down																							
1500 mm	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
	Rear dozer up																							
0 mm	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
-1500 mm	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
-3000 mm	Wide rear dozer up																							
	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							

\*Limited by hydraulic rather than tipping load.

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

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

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3400 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													
					3000 mm			4500 mm			6000 mm			7500 mm			mm	
					Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler	Stick	Bucket	Quick Coupler		
6000 mm	Rear dozer up																	
	Rear dozer down																	
	Dozer and stabilizer down																	
	2 sets of stabilizers down																	
4500 mm	Wide rear dozer up																	
	Rear dozer up																	
	Rear dozer down																	
	Dozer and stabilizer down																	
3000 mm	2 sets of stabilizers down																	
	Wide rear dozer up																	
	Rear dozer up																	
	Rear dozer down																	
1500 mm	Dozer and stabilizer down																	
	2 sets of stabilizers down																	
	Wide rear dozer up																	
	Rear dozer up																	
0 mm	Rear dozer down																	
	Dozer and stabilizer down																	
	2 sets of stabilizers down																	
	Wide rear dozer up																	
-1500 mm	Rear dozer up																	
	Rear dozer down																	
	Dozer and stabilizer down																	
	2 sets of stabilizers down																	
-3000 mm	Wide rear dozer up																	
	Rear dozer up																	
	Rear dozer down																	
	Dozer and stabilizer down																	
-4500 mm	2 sets of stabilizers down																	
	Wide rear dozer up																	
	Rear dozer up																	
	Rear dozer down																	

\*Limited by hydraulic rather than tipping load.

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

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

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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	Undercarriage configuration												mm
						3000 mm			4500 mm			6000 mm			7500 mm			
						Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up	Stick up	Stick down	Wide rear dozer up	
6000 mm	Rear dozer up					*6200	5400	4700	4750	3350	2950				*3900	3150	2750	6180
	Rear dozer down					*6200	5350			*5050	3350					*3900	3150	
	Dozer and stabilizer down					*6200	*6200	*6200		*5050	5000					*3900	*3900	
	2 sets of stabilizers down					*6200	*6200	*6200		*5050	*5050					*3900	*3900	
4500 mm	Wide rear dozer up						5400	5150		3350	3200					3200	3050	7010
	Rear dozer up					*6600	5150	4450	4700	3300	2900				*3650	2550	2200	
	Rear dozer down					*6600	*6600	5150		*5100	3300					*3650	2550	
	Dozer and stabilizer down					*6600	*6600	*6600		*5100	4950					*3650	*3650	
3000 mm	2 sets of stabilizers down					*6600	*6600	*6600		*5100	*5100					*3650	*3650	
	Wide rear dozer up						5200	4900		3300	3150					2550	2450	
	Rear dozer up					7050	4800	4100	4550	3150	2750				3300	2250	1950	7440
	Rear dozer down					*7600	4750			*5400	3150					*3600	2250	
Dozer and stabilizer down					*7600	7400			*5400	4800					*3600	3450		
2 sets of stabilizers down					*7600	*7600	*7600		*5400	*5400					*3600	*3600		
1500 mm	Wide rear dozer up						4800	4550		3200	3050					2300	2200	
	Rear dozer up					6700	4500	3850	4400	3000	2600	3200	2200	1900	3150	2200	1900	7540
	Rear dozer down					*8750	4450			*5900	3000		*4300	2200		*3750	2200	
	Dozer and stabilizer down					*8750	7050			*5900	4600		*4300	3350		*3750	3350	
2 sets of stabilizers down					*8750	8400		*5900	*5900	5400		*4300	3900		*3750	*3750		
0 mm	Wide rear dozer up						4500	4250		3050	2900		*4300	*4300	2200	2100	2100	
	Rear dozer up					6550	4350	3700	4300	2950	2500				3300	2250	1950	7320
	Rear dozer down					*8500	4300			*6250	2950					*4100	2250	
	Dozer and stabilizer down					*8500	6900			*6250	4550					*4100	3450	
2 sets of stabilizers down					*8500	8200		*6250	*6250	5300					*4100	4000		
-1500 mm	Wide rear dozer up						4350	4100		2950	2800					2250	2150	
	Rear dozer up	*7200	*7200	6750	6550	4350	3700	4300	4300	2900	2500				3700	2500	2150	6760
	Rear dozer down		*7200	*7200		*7400	4300			*5450	2900					*4250	2500	
	Dozer and stabilizer down		*7200	*7200		*7400	6900			*5450	4500					*4250	3850	
2 sets of stabilizers down	*7200	*7200	*7200	*7400	*7400	*7400		*5450	*5450	5300					*4250	*4250		
-3000 mm	Wide rear dozer up						4350	4100		2950	2800					2500	2400	
	Rear dozer up					*5250	4450	3800										
	Rear dozer down					*5250	4400											
	Dozer and stabilizer down					*5250	*5250											
2 sets of stabilizers down					*5250	*5250												

\*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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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							
																		
6000 mm	Rear dozer up				*5400	*5400	4750	4800	3400	3000				*3300	2950	2550	6510	
	Rear dozer down					*5400	*5400		*4850	3400					*3300	2950		
	Dozer and stabilizer down					*5400	*5400		*4850	*4850					*3300	*3300		
	2 sets of stabilizers down				*5400	*5400	*5400	*4850	*4850	*4850				*3300	*3300	*3300		
4500 mm	Wide rear dozer up						5200		3400	3250					2950	2800	7300	
	Rear dozer up				*6400	5200	4550	4750	3350	2900				*3100	2400	2100		
	Rear dozer down					*6400	5200		*4950	3350					*3100	2400		
	Dozer and stabilizer down					*6400	*6400		*4950	*4950					*3100	*3100		
3000 mm	2 sets of stabilizers down				*6400	*6400	*6400	*4950	*4950	*4950				*3100	*3100	*3100	7710	
	Wide rear dozer up					5250	5000		3350	3200					2400	2300		
	Rear dozer up				7100	4850	4150	4600	3200	2750	3250	2250	1950	*3100	2150	1850		
	Rear dozer down					*7300	4800		*5250	3200		*4250	2250		*3100	2150		
1500 mm	Dozer and stabilizer down					*7300	*7300		*5250	4800		*4250	3400		*3100	*3100	7810	
	2 sets of stabilizers down				*7300	*7300	*7300	*5250	*5250	*5250	*4250	*4250	3950	*3100	*3100	*3100		
	Wide rear dozer up					4850	4600		3200	3050		2250	2150		2150	2050		
	Rear dozer up				6700	4500	3850	4400	3000	2600	3200	2200	1900	3000	2050	1800		
0 mm	Rear dozer down					*8650	4500		*5750	3000		*4450	2200		*3200	2050	7600	
	Dozer and stabilizer down					*8650	7100		*5750	4650		*4450	3350		*3200	3150		
	2 sets of stabilizers down				*8650	*8650	8400	*5750	*5750	5400	*4450	*4450	3900	*3200	*3200	*3200		
	Wide rear dozer up					4500	4300		3050	2900		2200	2100		2050	2000		
-1500 mm	Rear dozer up				6550	4350	3700	4300	2900	2500	3150	2150	1850	3100	2100	1850	7050	
	Rear dozer down					*8600	4300		*6300	2900		*4600	2150		*3500	2100		
	Dozer and stabilizer down					*8600	6900		*6300	4500		*4600	3300		*3500	3250		
	2 sets of stabilizers down				*8600	*8600	8200	*6300	*6300	5300	*4600	*4600	3850	*3500	*3500	*3500		
-3000 mm	Wide rear dozer up					4350	4100		2950	2800		2150	2050		2100	2050	7050	
	Rear dozer up				*7100	*7100	6650	6500	4300	3650	4250	2900	2500	3450	2350	2050		
	Rear dozer down					*7100	*7100		*7650	4300		*5650	2900		*4150	2350		
	Dozer and stabilizer down					*7100	*7100		*7650	6850		*5650	4500		*4150	3600		
-3000 mm	2 sets of stabilizers down				*7100	*7100	*7100	*7650	*7650	*7650	*5650	*5650	5250	*4150	*4150	*4150	7050	
	Wide rear dozer up					*7100	*7100		4300	4100		2900	2750		2350	2250		
	Rear dozer up					*5800	4350	3700										
	Rear dozer down					*5800	4350											
-3000 mm	Dozer and stabilizer down					*5800	*5800		*5800	*5800							7050	
	2 sets of stabilizers down				*5800	*5800	*5800											
	Wide rear dozer up					4400	4150											

\*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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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						
																	
6000 mm	Rear dozer up				*4900	*4900	4800	*4750	3450	3000				*3000	2800	2450	6740
	Rear dozer down					*4900	*4900		*4750	3400					*3000	2800	
	Dozer and stabilizer down					*4900	*4900		*4750	*4750					*3000	*3000	
	2 sets of stabilizers down				*4900	*4900	*4900	*4750	*4750	*4750				*3000	*3000	*3000	
4500 mm	Wide rear dozer up					*4900	*4900		3450	3300					2800	2650	7510
	Rear dozer up				*5800	5250	4550	4750	3350	2950	*2900	2300	2000	*2800	2300	2000	
	Rear dozer down					*5800	5250		*4900	3350		*2900	2300		*2800	2300	
	Dozer and stabilizer down					*5800	*5800		*4900	*4900		*2900	*2900		*2800	*2800	
3000 mm	2 sets of stabilizers down				*5800	*5800	*5800	*4900	*4900	*4900	*2900	*2900	*2900	*2800	*2800	*2800	7910
	Wide rear dozer up					5300	5000		3350	3200		2300	2200		2300	2200	
	Rear dozer up				*7150	4900	4200	4600	3200	2800	3250	2250	1950	*2800	2050	1800	
	Rear dozer down					*7150	4850		*5200	3200		*4150	2250		*2800	2050	
1500 mm	Dozer and stabilizer down					*7150	*7150		*5200	4800		*4150	3400		*2800	*2800	8000
	2 sets of stabilizers down				*7150	*7150	*7150	*5200	*5200	*5200	*4150	*4150	3950	*2800	*2800	*2800	
	Wide rear dozer up					4900	4650		3200	3050		2250	2150		2050	2000	
	Rear dozer up				6750	4550	3850	4400	3050	2600	3200	2200	1900	2900	2000	1700	
0 mm	Rear dozer down					*8550	4500		*5650	3050		*4350	2200		*2900	2000	7800
	Dozer and stabilizer down					*8550	7100		*5650	4650		*4350	3350		*2900	*2900	
	2 sets of stabilizers down				*8550	*8550	8450	*5650	*5650	5400	*4350	*4350	3900	*2900	*2900	*2900	
	Wide rear dozer up					4550	4300		3050	2900		2200	2100		2000	1900	
-1500 mm	Rear dozer up				6550	4350	3700	4300	2900	2500	3150	2150	1850	3000	2050	1750	7270
	Rear dozer down					*8650	4300		*6200	2900		*4650	2150		*3200	2050	
	Dozer and stabilizer down					*8650	6900		*6200	4500		*4650	3300		*3200	3100	
	2 sets of stabilizers down				*8650	*8650	8200	*6200	*6200	5300	*4650	*4650	3850	*3200	*3200	*3200	
-3000 mm	Wide rear dozer up					4350	4100		2950	2800		2150	2050		2050	1950	6330
	Rear dozer up	*6850	*6850	6600	6500	4300	3650	4250	2850	2450				3300	2250	1950	
	Rear dozer down		*6850	*6850		*7850	4250		*5750	2850					*3700	2250	
	Dozer and stabilizer down		*6850	*6850		*7850	6850		*5750	4450					*3700	3450	
-3000 mm	2 sets of stabilizers down	*6850	*6850	*6850	*7850	*7850	*7850	*5750	*5750	5250				*3700	*3700	*3700	6330
	Wide rear dozer up		*6850	*6850		4300	4050		2900	2750					2250	2150	
	Rear dozer up				*6100	4350	3700	*4200	2950	2500				*3550	2750	2350	
	Rear dozer down					*6100	4300		*4200	2950					*3550	2750	
-3000 mm	Dozer and stabilizer down					*6100	*6100		*4200	*4200					*3550	*3550	6330
	2 sets of stabilizers down				*6100	*6100	*6100	*4200	*4200	*4200				*3550	*3550	*3550	
	Wide rear dozer up					4350	4150		2950	2800					2750	2650	

\*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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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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	Undercarriage configuration												mm
						3000 mm			4500 mm			6000 mm			7500 mm			
						Stick up	Stick down	Wide rear up	Stick up	Stick down	Wide rear up	Stick up	Stick down	Wide rear up	Stick up	Stick down	Wide rear up	
6000 mm	Rear dozer up								*4650	3750	3350				*3250	2800	2500	7170
	Rear dozer down									*4650	3750					*3250	2800	
	Dozer and stabilizer down									*4650	*4650					*3250	*3250	
	2 sets of stabilizers down									*4650	*4650					*3250	*3250	
4500 mm	Wide rear dozer up									3750	3600				*3250	2850	2700	
	Rear dozer up				*5050	*5050	4950	*5000	3650	3250	3650	2600	2300	*3150	2400	2150	7890	
	Rear dozer down					*5050	*5050		*5000	3650		*4200	2600		*3150	2400		
	Dozer and stabilizer down					*5050	*5050		*5000	*5000		*4200	3800		*3150	*3150		
2 sets of stabilizers down					*5050	*5050	*5000	*5000	*5000		*4200	*4200		*3150	*3150			
3000 mm	Wide rear dozer up					*5050	*5050			3700	3550	2650	2550			2400	2350	
	Rear dozer up				*7050	5300	4600	4950	3500	3100	3550	2550	2250	3100	2200	1950	8270	
	Rear dozer down					*7050	5250		*5300	3500		*4300	2550		*3200	2200		
	Dozer and stabilizer down					*7050	*7050		*5300	5150		*4300	3700		*3200	*3200		
2 sets of stabilizers down					*7050	*7050	*5300	*5300	*5300	*4300	*4300	4250	*3200	*3200	*3200			
1500 mm	Wide rear dozer up					5300	5050			3550	3400	2550	2450			2200	2150	
	Rear dozer up				7200	4950	4300	4750	3350	2950	3500	2500	2200	3000	2150	1900	8360	
	Rear dozer down					*8400	4900		*5800	3350		*4550	2500		*3350	2150		
	Dozer and stabilizer down					*8400	7550		*5800	4950		*4550	3650		*3350	3150		
2 sets of stabilizers down					*8400	*8400	*5800	*5800	5750	*4550	*4550	4200	*3350	*3350	*3350			
0 mm	Wide rear dozer up					4950	4700			3250	3250	2400	2400			2150	2050	
	Rear dozer up				6900	4700	4050	4600	3250	2800	3400	2400	2150	3050	2150	1900	8170	
	Rear dozer down					*9100	4700		*6350	3250		*4800	2400		*3700	2150		
	Dozer and stabilizer down					*9100	7300		*6350	4850		*4800	3550		*3700	3200		
2 sets of stabilizers down					*9100	8600	*6350	*6350	5600	*4800	*4800	4100	*3700	*3700	3650			
-1500 mm	Wide rear dozer up					4750	4500			3250	3100	2450	2350			2150	2100	
	Rear dozer up	*7350	*7350	7000	6800	4600	3950	4550	3150	2750	3400	2400	2100	3300	2350	2050	7660	
	Rear dozer down		*7350	*7350		*8600	4600		*6350	3150		*4700	2400		*4350	2350		
	Dozer and stabilizer down		*7350	*7350		*8600	7200		*6350	4750		*4700	3550		*4350	3450		
2 sets of stabilizers down	*7350	*7350	*7350	*8600	*8600	8500	*6350	*6350	5550	*4700	*4700	4100	*4350	*4350	3950			
-3000 mm	Wide rear dozer up					4650	4400			3150	3050					2350	2250	
	Rear dozer up	*9750	8550	7050	6850	4650	4000	4550	3150	2750				3900	2750	2400	6790	
	Rear dozer down		*9750	8400		*7200	4600		*5250	3150					*4150	2750		
	Dozer and stabilizer down		*9750	*9750		*7200	7200		*5250	4750					*4150	4050		
2 sets of stabilizers down	*9750	*9750	*9750	*7200	*7200	*7200	*5250	*5250	*5250				*4150	*4150	*4150			

\*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.



# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side				
6000 mm	Rear dozer up				*6100	5400	4650	4700	3250	2850				*3500	3050	2650	6200
	Rear dozer down					*6100	5350		*4900	3250					*3500	3050	
	Dozer and stabilizer down					*6100	*6100		*4900	*4900					*3500	*3500	
	2 sets of stabilizers down					*6100	*6100	*4900	*4900	*4900				*3500	*3500	*3500	
4500 mm	Wide rear dozer up					5400	5150		3250	3100					3050	2900	7030
	Rear dozer up				*6450	5100	4400	4650	3200	2800				*3250	2400	2100	
	Rear dozer down					*6450	5050		*4950	3200					*3250	2400	
	Dozer and stabilizer down					*6450	*6450		*4950	4850					*3250	*3250	
3000 mm	2 sets of stabilizers down					*6450	*6450	*4950	*4950	*4950				*3250	*3250	*3250	7460
	Wide rear dozer up					5100	4850		3200	3050					2400	2300	
	Rear dozer up				6900	4650	3950	4450	3050	2600				3150	2100	1800	
	Rear dozer down					*7400	4600		*5250	3050					*3200	2100	
1500 mm	Dozer and stabilizer down					*7400	7250		*5250	4650					*3200	*3200	7550
	2 sets of stabilizers down					*7400	*7400	*5250	*5250	*5250				*3200	*3200	*3200	
	Wide rear dozer up					4650	4400		3050	2900					2150	2050	
	Rear dozer up				6450	4250	3550	4250	2850	2450	3050	2050	1750	3050	2000	1750	
0 mm	Rear dozer down					*8450	4200		*5700	2850		*4100	2050		*3300	2050	7340
	Dozer and stabilizer down					*8450	6800		*5700	4450		*4100	3200		*3300	3200	
	2 sets of stabilizers down					*8450	8150	*5700	*5700	5250	*4100	*4100	3750	*3300	*3300	*3300	
	Wide rear dozer up					4250	4000		2850	2700		2050	1950		2050	1950	
-1500 mm	Rear dozer up	*7400	*7400	6250	6250	4050	3400	4100	2750	2300				3150	2100	1750	6770
	Rear dozer down		*7400	*7400		*8150	4050		*5950	2750					*3600	2100	
	Dozer and stabilizer down		*7400	*7400		*8150	6650		*5950	4350					*3600	3300	
	2 sets of stabilizers down	*7400	*7400	*7400	*7050	*7050	7950	*5950	*5950	5150				*3600	*3600	*3600	
-3000 mm	Wide rear dozer up					4050	3850		2750	2600					2100	2000	
	Rear dozer up				*4900	4150	3500										
	Rear dozer down					*4900	4150										
	Dozer and stabilizer down					*4900	*4900										
-3000 mm	2 sets of stabilizers down				*4900	*4900	*4900										
	Wide rear dozer up					4200	3950										
	Rear dozer up																
	Rear dozer down																

\*Limited by hydraulic rather than tipping load.

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

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

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – Offset Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side				
6000 mm	Rear dozer up				*5450	*5450	4750	*4750	3350	2900				*2950	2800	2450	6530
	Rear dozer down				*5450	*5450	5450		*4750	3300					*2950	2800	
	Dozer and stabilizer down					*5450	*5450		*4750	*4750					*2950	*2950	
	2 sets of stabilizers down				*5450	*5450	*5450	*4750	*4750	*4750				*2950	*2950	*2950	
	Wide rear dozer up				*5450	*5450	5200		3350	3200					2850	2700	
4500 mm	Rear dozer up				*6250	5200	4450	4700	3250	2800				*2750	2250	1950	7320
	Rear dozer down					*6250	5150		*4850	3250					*2750	2250	
	Dozer and stabilizer down					*6250	*6250		*4850	*4850					*2750	*2750	
	2 sets of stabilizers down				*6250	*6250	*6250	*4850	*4850	*4850				*2750	*2750	*2750	
	Wide rear dozer up					5200	4950		3250	3100					2250	2150	
3000 mm	Rear dozer up				7000	4700	4000	4500	3050	2650	3150	2100	1800	*2750	2000	1700	7730
	Rear dozer down					*7100	4650		*5150	3050		*4150	2150		*2750	2000	
	Dozer and stabilizer down					*7100	*7100		*5150	4700		*4150	3300		*2750	*2750	
	2 sets of stabilizers down				*7100	*7100	*7100	*5150	*5150	*5150	*4150	*4150	3850	*2750	*2750	*2750	
	Wide rear dozer up					4700	4450		3050	2900		2150	2050		2000	1900	
1500 mm	Rear dozer up				6500	4250	3600	4250	2850	2450	3050	2050	1750	*2850	1900	1650	7820
	Rear dozer down					*8350	4250		*5600	2850		*4300	2050		*2850	1900	
	Dozer and stabilizer down					*8350	6850		*5600	4500		*4300	3200		*2850	*2850	
	2 sets of stabilizers down				*8350	*8350	8200	*5600	*5600	5250	*4300	*4300	3750	*2850	*2850	*2850	
	Wide rear dozer up					4300	4050		2850	2750		2050	1950		1900	1850	
0 mm	Rear dozer up				6250	4050	3400	4100	2700	2300	3000	2000	1700	2950	1950	1650	7610
	Rear dozer down					*8250	4000		*6000	2700		*4450	2000		*3100	1950	
	Dozer and stabilizer down					*8250	6600		*6000	4350		*4450	3150		*3100	*3100	
	2 sets of stabilizers down				*8250	*8250	7950	*6000	*6000	5100	*4450	*4450	3700	*3100	*3100	*3100	
	Wide rear dozer up					4050	3800		2750	2600		2000	1900		1950	1850	
-1500 mm	Rear dozer up	*7300	*7300	6150	6200	4000	3350	4100	2700	2250				3300	2150	1850	7070
	Rear dozer down		*7300	*7300		*7300	4000		*5350	2700					*3600	2200	
	Dozer and stabilizer down		*7300	*7300		*7300	6550		*5350	4300					*3600	3450	
	2 sets of stabilizers down	*7300	*7300	*7300	*7300	*7300	*7300	*5350	*5350	5100				*3600	*3600	*3600	
	Wide rear dozer up		*7300	7050		4000	3800		2700	2550					2200	2100	
-3000 mm	Rear dozer up				*5450	4100	3450										
	Rear dozer down					*5450	4100										
	Dozer and stabilizer down					*5450	*5450										
	2 sets of stabilizers down				*5450	*5450	*5450										
	Wide rear dozer up					4100	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 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.

# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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
6000 mm	Rear dozer up														*3850	3400	3000	5930		
	Rear dozer down															*3850	3400			
	Dozer and stabilizer down															*3850	*3850			
	2 sets of stabilizers down															*3850	*3850			
4500 mm	Wide rear dozer up															3400	3300	6800		
	Rear dozer up				*6600	5200	4500	4700	3350	2900					*3600	2700	2400			
	Rear dozer down					*6600	5150		*5600	3350						*3600	2700			
	Dozer and stabilizer down					*6600	*6600		*5600	4950						*3600	*3600			
3000 mm	2 sets of stabilizers down				*6600	*6600		*5600	*5600	*5600						*3600	*3600	7240		
	Wide rear dozer up					5200	4950		3350	3200						2700	2600			
	Rear dozer up				7100	4850	4200	4600	3200	2800					3450	2400	2100			
	Rear dozer down					*7850	4850		*6050	3200						*3600	2400			
1500 mm	Dozer and stabilizer down					*7850	7450		*6050	4800						*3600	*3600	7340		
	2 sets of stabilizers down				*7850	*7850	*7850	*6050	*6050	5550						*3600	*3600			
	Wide rear dozer up					4900	4650		3200	3100						2400	2300			
	Rear dozer up				6750	4600	3950	4450	3100	2700					3350	2300	2000			
0 mm	Rear dozer down					*8800	4550		*6400	3100						*3800	2300	7110		
	Dozer and stabilizer down					*8800	7100		*6400	4650						*3800	3500			
	2 sets of stabilizers down				*8800	*8800	8450	*6400	*6400	5450						*3800	*3800			
	Wide rear dozer up					4600	4350		3100	2950						2300	2250			
-1500 mm	Rear dozer up	*8800	8350	6900	6600	4400	3800	4350	3000	2600					3450	2400	2100	7110		
	Rear dozer down					*8800	4400		*6400	3000						*4250	2400			
	Dozer and stabilizer down					*8800	6950		*6400	4550						*4250	3600			
	2 sets of stabilizers down				*8800	*8800	8250	*6400	*6400	5350						*4250	4200			
-3000 mm	Wide rear dozer up					4450	4250		3000	2900						2400	2300	6530		
	Rear dozer up	*8800	8350	6900	6600	4400	3800	4350	3000	2600					3900	2700	2350			
	Rear dozer down					*8800	4400		*5750	3000						*4900	2700			
	Dozer and stabilizer down					*8800	6950		*5750	4550						*4900	4050			
-3000 mm	2 sets of stabilizers down				*7950	*7950	*7950	*5750	*5750	5300						*4900	4750	5460		
	Wide rear dozer up					8350	7750		3000	2850						2700	2600			
	Rear dozer up	*7800	*7800	7050	*5900	4500	3900									*4250	3500		3050	
	Rear dozer down					*7800	*7800		*5900	4500						*4250	3500			
-3000 mm	Dozer and stabilizer down					*7800	*7800		*5900	5900						*4250	*4250	5460		
	2 sets of stabilizers down					*7800	*7800		*5900	5900						*4250	*4250			
	Wide rear dozer up					*7800	*7800		4550	4300						3500	3350			

\*Limited by hydraulic rather than tipping load.



















Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface 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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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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					
																
6000 mm	Rear dozer up							*4300	3400	3000				*3250	3150	2750
	Rear dozer down								*4300	3400					*3250	3150
	Dozer and stabilizer down								*4300	*4300					*3250	*3250
	2 sets of stabilizers down								*4300	*4300					*3250	*3250
Wide rear dozer up								3400	3250					3150	3050	
4500 mm	Rear dozer up				*6300	5250	4550	4750	3350	2950				*3050	2550	2250
	Rear dozer down					*6300	5200		*5400	3350					*3050	2550
	Dozer and stabilizer down					*6300	*6300		*5400	4950					*3050	*3050
	2 sets of stabilizers down					*6300	*6300	*5400	*5400	*5400					*3050	*3050
Wide rear dozer up					5250	5000		3350	3200					2550	2450	
3000 mm	Rear dozer up				7150	4900	4250	4600	3200	2800				*3100	2300	2000
	Rear dozer down					*7550	4900		*5850	3200					*3100	2300
	Dozer and stabilizer down					*7550	7500		*5850	4800					*3100	*3100
	2 sets of stabilizers down					*7550	*7550	*5850	*5850	5600					*3100	*3100
Wide rear dozer up					4950	4700		3250	3100					2300	2200	
1500 mm	Rear dozer up				6800	4600	3950	4450	3100	2700	3200	2250	1950	3150	2200	1900
	Rear dozer down					*8650	4600		*6300	3100		*4100	2250		*3250	2200
	Dozer and stabilizer down					*8650	7150		*6300	4650		*4100	3350		*3250	*3250
	2 sets of stabilizers down					*8650	8450	*6300	*6300	5450	*4100	*4100	3900	*3250	*3250	*3250
Wide rear dozer up					4600	4400		3100	2950		2250	2150		2200	2100	
0 mm	Rear dozer up				6600	4450	3800	4350	3000	2600				3250	2250	1950
	Rear dozer down					*8850	4400		*6450	3000					*3650	2250
	Dozer and stabilizer down					*8850	6950		*6450	4550					*3650	3400
	2 sets of stabilizers down					*8850	8250	*6450	*6450	5300					*3650	*3650
Wide rear dozer up					4450	4200		3000	2850					2250	2150	
-1500 mm	Rear dozer up	*8550	8250	6800	6550	4400	3750	4300	2950	2550				3650	2500	2200
	Rear dozer down		*8550	8150		*8150	4400		*5950	2950					*4400	2500
	Dozer and stabilizer down		*8550	*8550		*8150	6900		*5950	4550					*4400	3800
	2 sets of stabilizers down		*8550	*8550	*8150	*8150	*8150	*5950	*5950	5300					*4400	*4400
Wide rear dozer up		8300	7700		4400	4200		2950	2850					2500	2400	
-3000 mm	Rear dozer up	*8650	8400	6950	*6450	4450	3800							*4350	3150	2750
	Rear dozer down		*8650	8300		*6450	4450								*4350	3150
	Dozer and stabilizer down		*8650	*8650		*6450	*6450								*4350	*4350
	2 sets of stabilizers down		*8650	*8650	*6450	*6450	*6450								*4350	*4350
Wide rear dozer up		8450	7850		4500	4250								3150	3050	

\*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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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 kg), heavy lift on.

Long Stick 2600 mm		Undercarriage configuration	Load at maximum reach (stick nose/bucket pin)			Load over front			Load over rear			Load over side			Load point height			mm
			3000 mm			4500 mm			6000 mm			7500 mm						
																		
6000 mm	Rear dozer up							*4350	3400	3000				*2950	*2950	2600	6490	
	Rear dozer down								*4350	3400					*2950	*2950		
	Dozer and stabilizer down								*4350	*4350	*4350				*2950	*2950		
	2 sets of stabilizers down								*4350	*4350	*4350				*2950	*2950		
4500 mm	Wide rear dozer up								3450	3300					*2950	2900	7280	
	Rear dozer up							4750	3350	2950				*2800	2450	2150		
	Rear dozer down								*5250	3350					*2800	2450		
	Dozer and stabilizer down								*5250	4950					*2800	*2800		
3000 mm	2 sets of stabilizers down								*5250	*5250	*5250				*2800	*2800	7690	
	Wide rear dozer up								3400	3250					*2800	2350		
	Rear dozer up				7150	4950	4300	4600	3250	2850	3300	2300	2000	*2800	2200	1900		
	Rear dozer down					*7350	4900		*5750	3250		*3900	2300		*2800	2200		
1500 mm	Dozer and stabilizer down					*7350	*7350		*5750	4850		*3900	3450		*2800	*2800	7790	
	2 sets of stabilizers down				*7350	*7350	*7350	*5750	*5750	5600	*3900	*3900	*3900	*2800	*2800	*2800		
	Wide rear dozer up					4950	4700		3250	3100		2300	2200		2200	2100		
	Rear dozer up				6800	4600	4000	4450	3100	2700	3200	2250	1950	*2950	2100	1850		
0 mm	Rear dozer down					*8500	4600		*6250	3100		*4800	2250		*2950	2100	7580	
	Dozer and stabilizer down					*8500	7200		*6250	4650		*4800	3350		*2950	*2950		
	2 sets of stabilizers down				*8500	*8500	8500	*6250	*6250	5450	*4800	*4800	3900	*2950	*2950	*2950		
	Wide rear dozer up					4650	4400		3100	2950		2250	2150		2100	2050		
-1500 mm	Rear dozer up	*4400	*4400	*4400	6600	4450	3800	4350	3000	2600	3200	2200	1900	3150	2150	1900	7030	
	Rear dozer down		*4400	*4400		*8850	4400		*6450	3000		*4000	2200		*3300	2150		
	Dozer and stabilizer down		*4400	*4400		*8850	6950		*6450	4550		*4000	3350		*3300	3300		
	2 sets of stabilizers down	*4400	*4400	*4400	*8850	*8850	8250	*6450	*6450	5300	*4000	*4000	3850	*3300	*3300	*3300		
-3000 mm	Wide rear dozer up					4450	4200		3000	2850		2200	2100		2150	2100	6060	
	Rear dozer up	*8200	*8200	6750	6550	4400	3750	4300	2950	2550				3450	2400	2100		
	Rear dozer down		*8200	8100		*8300	4350		*6050	2950					*3950	2400		
	Dozer and stabilizer down		*8200	*8200		*8300	6900		*6050	4500					*3950	3650		
-3000 mm	2 sets of stabilizers down	*8200	*8200	*8200	*8300	*8300	8200	*6050	*6050	5250				*3950	*3950	*3950	6060	
	Wide rear dozer up					4400	4150		2950	2800					2400	2300		
	Rear dozer up	*9200	8350	6900	6600	4450	3800	4350	3000	2600				4300	2950	2550		
	Rear dozer down		*9200	8250		*6750	4400		*4450	3000					*4300	2950		
-3000 mm	Dozer and stabilizer down		*9200	*9200		*6750	*6750		*4450	*4450					*4300	*4300	6060	
	2 sets of stabilizers down	*9200	*9200	*9200	*6750	*6750	*6750	*4450	*4450	*4450				*4300	*4300	*4300		
	Wide rear dozer up					8400	7800		3000	2900					3000	2850		

\*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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# M318F Wheeled Excavator Lift Charts

## Lift Capacities – One-Piece Boom

All values are in kg, bucket cylinder and bucket linkage installed, worktool: none, with counterweight (3900 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			Load point height			mm
		Stick Nose	Front	Rear	Stick Nose	Front	Rear	Stick Nose	Front	Rear	Stick Nose	Front	Rear	Stick Nose	Front	Rear	
6000 mm	Rear dozer up							*4500	3750	3350				*3200	3000	2700	6890
	Rear dozer down							*4500	3750								
	Dozer and stabilizer down							*4500	*4500								
	2 sets of stabilizers down							*4500	*4500								
4500 mm	Wide rear dozer up													*3200	*3200	*3200	7640
	Rear dozer up							5050	3650	3250	*3600	2650	2350	*3150	2550	2300	
	Rear dozer down								*5150	3650		*3600	2650		*3150	2550	
	Dozer and stabilizer down								*5150	*5150		*3600	*3600		*3150	*3150	
3000 mm	2 sets of stabilizers down							*5150	*5150	*5150	*3600	*3600		*3150	*3150	*3150	8030
	Wide rear dozer up								3700	3550		2650	2550		2550	2500	
	Rear dozer up				*7150	5350	4650	4950	3550	3150	3600	2600	2300	*3200	2350	2100	
	Rear dozer down					*7150	5300		*5800	3550		*4750	2600		*3200	2350	
1500 mm	Dozer and stabilizer down					*7150	*7150		*5800	5150		*4750	3750		*3200	*3200	8120
	2 sets of stabilizers down					*7150	*7150		*5800	*5800		*4750	*4750		*3200	*3200	
	Wide rear dozer up					5350	5100		3550	3400		2600	2500		2350	2250	
	Rear dozer up				7250	5000	4350	4800	3400	3000	3500	2500	2250	3150	2250	2000	
0 mm	Rear dozer down					*8550	5000		*6400	3400		5100	2550		*3450	2250	7920
	Dozer and stabilizer down					*8550	7600		*6400	5000		5150	3650		*3450	3250	
	2 sets of stabilizers down					*8550	*8550		*6400	*8550		*5250	*5250		*3450	*3450	
	Wide rear dozer up					5050	4800		3400	3300		2550	2450		2250	2200	
-1500 mm	Rear dozer up	*5850	*5850	*5850	7000	4800	4150	4650	3300	2900	3450	2450	2200	3200	2300	2050	7400
	Rear dozer down		*5850	*5850		*9200	4800		*6750	3300		5000	2450		*3850	2300	
	Dozer and stabilizer down		*5850	*5850		*9200	7350		*6750	4850		5100	3600		*3850	3350	
	2 sets of stabilizers down		*5850	*5850		*9200	8650		*6750	*6750		*5300	5250		*3850	3850	
-3000 mm	Wide rear dozer up		*5850	*5850		4800	4600		3300	3150		2450	2400		2300	2200	6490
	Rear dozer up	*8600	*8600	7150	6900	4700	4100	4600	3200	2850				3500	2500	2200	
	Rear dozer down		*8600	8500		*8950	4700		*6600	3250					*4600	2500	
	Dozer and stabilizer down		*8600	*8600		*8950	7250		*6600	4800					*4600	3650	
-4500 mm	2 sets of stabilizers down		*8600	*8600		*8950	8550		*6600	*6600		5550			*4600	4200	
	Wide rear dozer up		*8600	8050		4750	4500		3250	3100					2500	2400	
	Rear dozer up	*10 950	8650	7200	6900	4700	4100	4600	3250	2850				4150	2950	2600	
	Rear dozer down		*10 950	8550		*7750	4700		*5600	3250					*4900	2950	
-4500 mm	Dozer and stabilizer down		*10 950	*10 950		*7750	7250		*5600	4800					*4900	4350	
	2 sets of stabilizers down		*10 950	*10 950		*7750	*7750		*5600	*5600		5550			*4900	*4900	
	Wide rear dozer up		8700	8100		4750	4500		3250	3100					2950	2850	
	Rear dozer up	*7050	*7050	*7050	*5000	4850	4200								*4300	3750	
-4500 mm	Rear dozer down		*7050	*7050		*5000	4800								*4300	4250	
	Dozer and stabilizer down		*7050	*7050		*5000	*5000								*4300	*4300	
	2 sets of stabilizers down		*7050	*7050		*5000	*5000								*4300	*4300	
	Wide rear dozer up		*7050	*7050		4850	4650								*4300	4100	

\*Limited by hydraulic rather than tipping load.

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