

M320F

Wheeled Excavator



Lift Capacity Specifications

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M320F Wheeled Excavator Lift Charts

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Variable Adjustable Boom – Counterweight: 9,260 lb

Medium Stick – 8'2" 7

Long Stick – 9'2" 8

One-Piece Boom – Counterweight: 9,260 lb

Medium Stick – 8'2" 9

Long Stick – 9'2" 10

M320F 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 (4200 kg), heavy lift on.

Medium Stick 2500 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																														
						Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down	Stick up	Stick down	Stabilizers down										
6000 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					*6200	*6200	5450	5400	3900	3400					*6200	*6200	6200	*5500	3850					*3300	3250	2850	6630								
4500 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					*7200	5950	5200	5300	3800	3300					*7200	*7200	5900	*6100	3750					*3150	2650	2300	7410								
3000 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					7950	5500	4750	5100	3600	3150	3600	2550	2200		*8700	*8700	5450	*6650	3600	*5250	2550		*3150	2350	2050	7820									
1500 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					7450	5050	4300	4900	3400	2950	3500	2450	2100		*9900	*9900	5050	*7200	3400	5300	2450		*3350	2250	1950	7910									
0 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					7200	4850	4100	4750	3250	2800	3450	2400	2050		*10 100	*10 100	4800	*7350	3250	5250	2400		*3700	2300	2000	7700									
-1500 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up	*9450	9000	7400	7150	4750	4050	4650	3200	2750						*9450	*9450	8850	*9350	4750	*6900	3200				3700	2550	2200	7160							
-3000 mm	Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up					7200	4850	4100	4750	3250	2800					*7600	*7600	4800	*5250	3250	5000				4550	3150	2700	6210								

*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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M320F 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 (4200 kg), heavy lift on.

Long Stick 2800 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							*5150	3950	3450						*2850	*2850	2600
	Rear dozer down								*5150	3900							*2850	*2850
	Dozer and stabilizer down								*5150	*5150	*5150						*2850	*2850
	2 sets of stabilizers down Wide rear dozer up							*5150	*5150	*5150						*2850	*2850	*2850
4500 mm	Rear dozer up				*6550	6050	5250	5350	3800	3350	3700	2600	2300			*2750	*2450	2150
	Rear dozer down					*6550	6000		*5850	3800		*3850	2600				*2750	2450
	Dozer and stabilizer down					*6550	*6550		*5850	5600		*3850	3850				*2750	*2750
	2 sets of stabilizers down Wide rear dozer up				*6550	*6550	*6550	*5850	*5850	*5850		*3850	*3850			*2750	*2750	*2750
3000 mm	Rear dozer up				8000	5550	4800	5150	3600	3150	3600	2550	2200			*2750	2200	1900
	Rear dozer down					*8350	5550		*6450	3600		5450	2550				*2750	2200
	Dozer and stabilizer down					*8350	*8350		*6450	5350		*5450	3800				*2750	*2750
	2 sets of stabilizers down Wide rear dozer up				*8350	*8350	*8350	*6450	*6450	6200		*5450	*5450	4350		*2750	*2750	*2750
1500 mm	Rear dozer up				7500	5100	4350	4900	3400	2950	3500	2450	2100			*2900	2100	1850
	Rear dozer down					*9700	5050		*7100	3400		5300	2450				*2900	2100
	Dozer and stabilizer down					*9700	7900		*7100	5150		5350	3700				*2900	*2900
	2 sets of stabilizers down Wide rear dozer up				*9700	*9700	9350	*7100	*7100	5950		*5700	*5700	4250		*2900	*2900	*2900
0 mm	Rear dozer up				7200	4850	4100	4750	3250	2800	3450	2350	2050			3150	2150	1850
	Rear dozer down					*10 100	4800		*7350	3250		5200	2350				*3200	2150
	Dozer and stabilizer down					*10 100	7600		*7350	4950		5250	3600				*3200	*3200
	2 sets of stabilizers down Wide rear dozer up				*10 100	*10 100	9000	*7350	*7350	5800		*5650	5400	4200		*3200	*3200	*3200
-1500 mm	Rear dozer up	*9000	8950	7300	7100	4750	4000	4650	3150	2700						3450	2350	2050
	Rear dozer down		*9000	8800		*9600	4700		*7000	3150							*3750	2350
	Dozer and stabilizer down		*9000	*9000		*9600	7500		*7000	4900							*3750	3600
	2 sets of stabilizers down Wide rear dozer up	*9000	*9000	*9000	*9600	*9600	8900	*7000	*7000	5700						*3750	*3750	*3750
-3000 mm	Rear dozer up	*11 000	9100	7450	7150	4800	4050	4700	3200	2750						4150	2850	2450
	Rear dozer down		*11 000	8950		*8050	4750		*5750	3200							*4700	2850
	Dozer and stabilizer down		*11 000	*11 000		*8050	7550		*5750	4950							*4700	4350
	2 sets of stabilizers down Wide rear dozer up	*11 000	*11 000	*11 000	*8050	*8050	*8050	*5750	*5750	*5750						*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.

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M320F 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 (4200 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
2500 mm

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load point height	Load point height	Load point height	
6000 mm	Rear dozer up							5350	3900	3400				*3450	3250	2850	6660
	Rear dozer down							*5500	3850						*3450	3200	
	Dozer and stabilizer down							*5500	*5500						*3450	*3450	
	2 sets of stabilizers down							*5500	*5500						*3450	*3450	
4500 mm	Wide rear dozer up							3900	3700					*3450	3250	3100	7430
	Rear dozer up							5250	3750	3300				*3350	2650	2300	
	Rear dozer down								*5950	3750					*3350	2650	
	Dozer and stabilizer down								*5950	5500					*3350	*3350	
3000 mm	2 sets of stabilizers down							*5950	*5950	*5950					*3350	*3350	
	Wide rear dozer up							3800	3600						2650	2550	
	Rear dozer up				7850	5450	4750	5050	3600	3150	3600	2550	2250	3350	2350	2050	7840
	Rear dozer down					*8600	5450		*6600	3600			5350	2550	*3400	2350	
Dozer and stabilizer down					*8600	8250		*6600	5300			5400	3750	*3400	*3400		
2 sets of stabilizers down				*8600	*8600	*8600	*6600	*6600	6150	*5450	*5450	4350	*3400	*3400	*3400		
1500 mm	Wide rear dozer up					5500	5200		3600	3450			2450		2400	2250	7930
	Rear dozer up				7400	5050	4350	4850	3400	2950	3500	2450	2150	3250	2250	1950	
	Rear dozer down					*9900	5050		*7200	3400			5250	2450	*3650	2250	
	Dozer and stabilizer down					*9900	7800		*7200	5100			5300	3700	*3650	3400	
0 mm	2 sets of stabilizers down				*9900	*9900	9200	*7200	*7200	5900	*5800	5450	4250	*3650	*3650	*3650	
	Wide rear dozer up					5100	4800		3400	3250			2500	2350	2250	2150	
	Rear dozer up				7200	4850	4150	4750	3250	2850	3450	2400	2100	3300	2300	2000	7720
	Rear dozer down					*10 250	4850		7350	3250			5200	2400	*4100	2300	
Dozer and stabilizer down					*10 250	7600		7350	4950			5250	3600	*4100	3500		
2 sets of stabilizers down				*10 250	*10 250	8950	*7450	*7450	5750	*5750	5350	4200	*4100	*4100	4000		
-1500 mm	Wide rear dozer up					4900	4600		3300	3150			2400	2300	2300	2200	7190
	Rear dozer up	*9400	9100	7500	7150	4800	4100	4700	3200	2800				3650	2550	2200	
	Rear dozer down		*9400	8950		*9650	4800		*7100	3200					*4950	2550	
	Dozer and stabilizer down		*9400	*9400		*9650	7500		*7100	4900					*4950	3850	
-3000 mm	2 sets of stabilizers down	*9400	*9400	*9400	*9650	*9650	8900	*7100	*7100	5700				*4950	*4950	4450	
	Wide rear dozer up		9150	8450		4850	4550		3250	3100					2550	2450	
	Rear dozer up	*10 850	9250	7650	7200	4900	4150	4750	3300	2850				4500	3150	2700	6240
	Rear dozer down		*10 850	9100		*8050	4850		*5700	3300					*5300	3100	
Dozer and stabilizer down		*10 850	*10 850		*8050	7600		*5700	4950					*5300	4700		
2 sets of stabilizers down	*10 850	*10 850	*10 850	*8050	*8050	*8050	*5700	*5700	*5700				*5300	*5300	*5300		
0 mm	Wide rear dozer up		9300	8600		4900	4650		3300	3150					3150	3000	

*Limited by hydraulic rather than tipping load.

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M320F 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 (4200 kg), heavy lift on.



Load at maximum reach (stick nose/bucket pin)



Load over front



Load over rear



Load over side



Load point height

**Long
Stick
2800 mm**

Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm	
	Load at maximum reach	Load over front	Load over rear	Load at maximum reach	Load over front	Load over rear	Load at maximum reach	Load over front	Load over rear	Load at maximum reach	Load over front	Load over rear	Load at maximum reach	Load over front	Load over rear		
6000 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up							*5150	3900	3450				*3000	*3000	2650	7000	
							*5150	3900					*3000	*3000	3000		
							*5150	*5150	*5150				*3000	*3000	*3000		
							*5150	*5150	*5150				*3000	*3000	*3000		
								3950	3750				*3000	*3000	2850		
4500 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up								5300	3800	3350	3700	2650	2300	*2900	2500	2150	7730
								*5700	3800			*4000	2650	*2900	2500		
								*5700	5550			*4000	3850	*2900	*2900		
							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900		
								3800	3650			2650	2500		2500	2400	
3000 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up				7950	5550	4800	5100	3600	3150	3600	2550	2250	*2950	2250	1950	8120	
					*8250	5500		*6400	3600			5400	2550	*2950	2250		
					*8250	*8250	*6400	*8250	5350	*6400	5450	3800	*2950	*2950	*2950		
					*8250	*8250	*6400	*6400	6150	*5450	*5450	4350	*2950	*2950	*2950		
					5550	5250		3650	3450			2550	2450		2250		2150
1500 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up				7450	5100	4400	4900	3400	2950	3500	2450	2150	3050	2150	1850	8210	
					*9700	5100		*7050	3400			5250	2450	*3150	2150		
					*9700	7850		*7050	5100			5300	3700	*3150	*3150		
				*9700	*9700	9250	*7050	*7050	5950	*5700	5450	4250	*3150	*3150	*3150		
					5150	4850		3450	3250			2450	2350		2150		2050
0 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up				7200	4850	4150	4700	3250	2800	3450	2400	2050	3150	2150	1900	8010	
					*10 200	4850		7350	3250			5200	2400	*3500	2200		
					*10 200	7600		7350	4950			5250	3600	*3500	3300		
				*10 200	*10 200	8950	*7400	*7400	5750	*5750	5350	4150	*3500	*3500	*3500		
					4900	4600		3300	3100			2400	2300		2200		2100
-1500 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up	*8900	*8900	7400	7100	4800	4050	4650	3200	2750				3400	2350	2050	7500	
		*8900	8850		*9800	4750		*7200	3200					*4200	2350		
		*8900	*8900		*9800	7500		*7200	4900					*4200	3600		
		*8900	*8900	*9800	*9800	8900	*7200	*7200	5700				*4200	*4200	4150		
		*8900	8350		4800	4550		3200	3050					2400	2250		
-3000 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up	*11 700	9150	7550	7150	4850	4100	4700	3250	2800				4150	2850	2500	6600	
		*11 700	9000		*8450	4800		*6100	3200					*5150	2850		
		*11 700	*11 700		*8450	7550		*6100	4900					*5150	4350		
		*11 700	*11 700	*8450	*8450	*8450	*6100	*6100	5750				*5150	*5150	5000		
		9200	8500		4850	4600		3250	3100					2850	2750		
-4500 mm Rear dozer up Rear dozer down Dozer and stabilizer down 2 sets of stabilizers down Wide rear dozer up				*5500	5000	4300							*4500	4250	3650	5090	
					*5500	5000								*4500	4250		
					*5500	*5500								*4500	*4500		
				*5500	*5500	*5500							*4500	*4500	*4500		
					5050	4750								4250	4050		

*Limited by hydraulic rather than tipping load.

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M320F Wheeled Excavator Lift Charts

Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (9,260 lb), heavy lift on.

Medium Stick 8'2"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Lift Capacity (lb)												ft						
						10.0 ft			15.0 ft			20.0 ft			25.0 ft									
						Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick		Stick					
20.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
15.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
10.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
5.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
0.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
-5.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							
-10.0 ft	Rear dozer up																							
	Rear dozer down																							
	Dozer and stabilizer down																							
	2 sets of stabilizers down																							
	Wide rear dozer up																							

*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.

M320F Wheeled Excavator Lift Charts

Lift Capacities – Variable Adjustable Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (9,260 lb), heavy lift on.

Long Stick 9'2"	 Undercarriage configuration	 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height			ft
		10.0 ft			15.0 ft			20.0 ft			25.0 ft						
																	
20.0 ft	Rear dozer up							*11,000	8,400	7,400				*6,300	*6,300	5,900	
	Rear dozer down							*11,000	*11,000	8,200				*6,300	*6,300	*6,300	
	Dozer and stabilizer down							*11,000	*11,000	*11,000				*6,300	*6,300	*6,300	
	2 sets of stabilizers down							*11,000	*11,000	*11,000				*6,300	*6,300	*6,300	
15.0 ft	Wide rear dozer up							*11,000	8,500	8,100				*6,300	*6,300	*6,300	
	Rear dozer up				*14,200	13,000	11,300	11,500	8,200	7,200	*7,000	5,600	4,900	*6,000	*5,500	4,800	
	Rear dozer down				*14,200	*14,200	12,600	11,400	*12,700	8,000	*7,000	*7,000	5,400	*6,000	*6,000	5,300	
	Dozer and stabilizer down				*14,200	*14,200	*14,200	*12,700	*12,700	11,800	*7,000	*7,000	*7,000	*6,000	*6,000	*6,000	
10.0 ft	2 sets of stabilizers down				*14,200	*14,200	*14,200	*12,700	*12,700	*12,700	*7,000	*7,000	*7,000	*6,000	*6,000	*6,000	
	Wide rear dozer up				*14,200	13,100	12,400	11,600	8,300	7,900	*7,000	5,600	5,400	*6,000	*5,500	5,300	
	Rear dozer up				17,300	12,000	10,400	11,000	7,800	6,800	7,800	5,500	4,700	*6,000	4,900	4,300	
	Rear dozer down				17,200	*18,000	11,600	11,000	*14,000	7,600	7,800	*11,200	5,300	*6,000	*6,000	4,800	
5.0 ft	Dozer and stabilizer down				*18,000	*18,000	17,700	*14,000	*14,000	11,300	*11,200	*11,200	8,000	*6,000	*6,000	*6,000	
	2 sets of stabilizers down				*18,000	*18,000	*18,000	*14,000	*14,000	13,400	*11,200	*11,200	9,400	*6,000	*6,000	*6,000	
	Wide rear dozer up				17,400	12,100	11,400	11,100	7,800	7,500	7,800	5,500	5,200	*6,000	4,900	4,700	
	Rear dozer up				16,200	11,000	9,400	10,600	7,300	6,300	7,600	5,300	4,600	*6,400	4,700	4,000	
0.0 ft	Rear dozer down				16,100	*20,900	10,600	10,500	*15,300	7,100	7,500	11,400	5,100	*6,400	*6,400	4,500	
	Dozer and stabilizer down				*20,900	*20,900	16,600	*15,300	*15,300	10,800	*12,400	11,500	7,800	*6,400	*6,400	*6,400	
	2 sets of stabilizers down				*20,900	*20,900	20,100	*15,300	*15,300	12,900	*12,400	11,800	9,200	*6,400	*6,400	*6,400	
	Wide rear dozer up				16,200	11,100	10,500	10,600	7,400	7,000	7,600	5,300	5,000	*6,400	4,700	4,500	
-5.0 ft	Rear dozer up				15,500	10,400	8,900	10,200	7,000	6,000	7,400	5,100	4,400	6,900	4,800	4,100	
	Rear dozer down				15,400	*21,900	10,000	10,100	*15,900	6,800	7,400	11,200	4,900	6,900	*7,000	4,600	
	Dozer and stabilizer down				*21,900	*21,900	15,900	*15,900	*15,900	10,400	*12,200	11,300	7,600	*7,000	*7,000	*7,000	
	2 sets of stabilizers down				*21,900	*21,900	19,400	*15,900	*15,900	12,500	*12,200	11,600	9,000	*7,000	*7,000	*7,000	
-10.0 ft	Wide rear dozer up				15,600	10,500	9,900	10,200	7,000	6,700	7,500	5,100	4,900	7,000	4,800	4,600	
	Rear dozer up	*20,400	19,200	15,700	15,300	10,200	8,700	10,000	6,800	5,900				7,600	5,200	4,500	
	Rear dozer down	*20,400	*20,400	18,200	15,200	*20,700	9,800	10,000	*15,200	6,600				7,600	*8,300	5,100	
	Dozer and stabilizer down	*20,400	*20,400	*20,400	*20,700	*20,700	15,700	*15,200	*15,200	10,300				*8,300	*8,300	7,800	
21.46	2 sets of stabilizers down	*20,400	*20,400	*20,400	*20,700	*20,700	19,100	*15,200	*15,200	12,300				*8,300	*8,300	*8,300	
	Wide rear dozer up	*20,400	19,300	17,800	15,400	10,300	9,700	10,100	6,900	6,500				7,600	5,200	5,000	
	Rear dozer up	*23,700	19,500	16,000	15,400	10,300	8,800	10,100	6,900	6,000				9,200	6,400	5,500	
	Rear dozer down	*23,700	*23,700	18,500	15,300	*17,300	9,900	10,100	*12,200	6,700				9,200	*10,400	6,200	
24.51	Dozer and stabilizer down	*23,700	*23,700	*23,700	*17,300	*17,300	15,800	*12,200	*12,200	10,400				*10,400	*10,400	9,500	
	2 sets of stabilizers down	*23,700	*23,700	*23,700	*17,300	*17,300	*17,300	*12,200	*12,200	*12,200				*10,400	*10,400	*10,400	
	Wide rear dozer up	*23,700	19,600	18,100	15,500	10,400	9,800	10,200	7,000	6,600				9,300	6,400	6,100	

*Limited by hydraulic rather than tipping load.

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

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

M320F Wheeled Excavator Lift Charts

Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (9,260 lb), heavy lift on.

Medium Stick 8'2"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Lift Capacity (lb)												ft									
						10.0 ft			15.0 ft			20.0 ft			25.0 ft												
						Stick	Bucket	Wide	Stick	Bucket	Wide	Stick	Bucket	Wide	Stick	Bucket	Wide										
25.0 ft	Rear dozer up																										
	Rear dozer down																										
	Dozer and stabilizer down																										
	2 sets of stabilizers down																										
20.0 ft	Wide rear dozer up																										
	Rear dozer up																										
	Rear dozer down																										
	Dozer and stabilizer down																										
15.0 ft	2 sets of stabilizers down																										
	Wide rear dozer up																										
	Rear dozer up																										
	Rear dozer down																										
10.0 ft	Dozer and stabilizer down																										
	2 sets of stabilizers down																										
	Wide rear dozer up																										
	Rear dozer up																										
5.0 ft	Rear dozer down																										
	Dozer and stabilizer down																										
	2 sets of stabilizers down																										
	Wide rear dozer up																										
0.0 ft	Rear dozer up																										
	Rear dozer down																										
	Dozer and stabilizer down																										
	2 sets of stabilizers down																										
-5.0 ft	Wide rear dozer up																										
	Rear dozer up																										
	Rear dozer down																										
	Dozer and stabilizer down																										
-10.0 ft	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.

M320F Wheeled Excavator Lift Charts

Lift Capacities – One-Piece Boom

All values are in lb, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (9,260 lb), heavy lift on.

Long Stick 9'2"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Lift Capacity Data																		
						5.0 ft			10.0 ft			15.0 ft			20.0 ft			25.0 ft			ft			
						Stick	Bucket	Linkage	Stick	Bucket	Linkage	Stick	Bucket	Linkage	Stick	Bucket	Linkage	Stick	Bucket	Linkage	Stick	Bucket	Linkage	
25.0 ft	Rear dozer up																				*7,400	*7,400	*7,400	
	Rear dozer down																					*7,400	*7,400	*7,400
	Dozer and stabilizer down																					*7,400	*7,400	*7,400
	2 sets of stabilizers down																					*7,400	*7,400	*7,400
	Wide rear dozer up																					*7,400	*7,400	*7,400
20.0 ft	Rear dozer up																					*6,600	*6,600	5,900
	Rear dozer down																					*6,600	*6,600	6,500
	Dozer and stabilizer down																					*6,600	*6,600	6,200
	2 sets of stabilizers down																					*6,600	*6,600	*6,600
	Wide rear dozer up																					*6,600	*6,600	6,400
15.0 ft	Rear dozer up																					*6,400	5,500	4,800
	Rear dozer down																					*6,400	*6,400	5,400
	Dozer and stabilizer down																					*6,400	6,200	5,100
	2 sets of stabilizers down																					*6,400	*6,400	*6,400
	Wide rear dozer up																					*6,400	5,500	5,300
10.0 ft	Rear dozer up																					*6,500	4,900	4,300
	Rear dozer down																					*6,500	*6,500	4,800
	Dozer and stabilizer down																					*6,500	5,600	4,500
	2 sets of stabilizers down																					*6,500	*6,500	*6,500
	Wide rear dozer up																					*6,500	5,000	4,700
5.0 ft	Rear dozer up																					*6,900	4,700	4,100
	Rear dozer down																					*6,900	*6,900	4,600
	Dozer and stabilizer down																					*6,900	5,300	4,300
	2 sets of stabilizers down																					*6,900	*6,900	*6,900
	Wide rear dozer up																					*6,900	4,700	4,500
0.0 ft	Rear dozer up																					*6,900	4,800	4,200
	Rear dozer down																					*6,900	*6,900	4,700
	Dozer and stabilizer down																					*6,900	5,400	4,400
	2 sets of stabilizers down																					*6,900	*6,900	*6,900
	Wide rear dozer up																					*6,900	4,800	4,600
-5.0 ft	Rear dozer up																					*7,600	5,200	4,500
	Rear dozer down																					*7,600	*9,300	5,100
	Dozer and stabilizer down																					*7,600	5,900	4,800
	2 sets of stabilizers down																					*9,300	*9,300	9,200
	Wide rear dozer up																					*7,600	5,300	5,000
-10.0 ft	Rear dozer up																					*9,200	6,400	5,500
	Rear dozer down																					*9,100	*11,400	6,200
	Dozer and stabilizer down																					*9,200	7,200	5,800
	2 sets of stabilizers down																					*11,400	*11,400	11,200
	Wide rear dozer up																					*9,200	6,400	6,100
-15.0 ft	Rear dozer up																					*9,700	9,600	8,300
	Rear dozer down																					*9,700	*9,700	9,300
	Dozer and stabilizer down																					*9,700	*9,700	8,700
	2 sets of stabilizers down																					*9,700	*9,700	*9,700
	Wide rear dozer up																					*9,700	9,700	9,200

*Limited by hydraulic rather than tipping load.

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