

M322F

Wheeled Excavator



Lift Capacity Specifications

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





















M322F Wheeled Excavator Lift Charts

Variable Adjustable Boom – Counterweight: 3500 kg	
Medium Stick – 2500 mm	3
Long Stick – 2900 mm	4
Variable Adjustable Boom – Counterweight: 4700 kg	
Medium Stick – 2500 mm	5
Long Stick – 2900 mm	6
One-Piece Boom – Counterweight: 3500 kg	
Medium Stick – 2500 mm	7
Long Stick – 2900 mm	8
One-Piece Boom – Counterweight: 4700 kg	
Medium Stick – 2500 mm	9
Long Stick – 2900 mm	10
Variable Adjustable Boom – Counterweight: 7,720 lb	
Medium Stick – 8'2"	11
Long Stick – 9'6"	12
Variable Adjustable Boom – Counterweight: 10,370 lb	
Medium Stick – 8'2"	13
Long Stick – 9'6"	14
One-Piece Boom – Counterweight: 7,720 lb	
Medium Stick – 8'2"	15
Long Stick – 9'6"	16
One-Piece Boom – Counterweight: 10,370 lb	
Medium Stick – 8'2"	17
Long Stick – 9'6"	18

M322F 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 (3500 kg), heavy lift on.

Medium Stick 2500 mm	 Undercarriage configuration	 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height			mm
		3000 mm			4500 mm			6000 mm			7500 mm						
																	
7500 mm	Lower (std. UC) rear dozer up														*3850	*3850	3750
	Lower (std. UC) rear dozer down														*3850	*3850	*3850
	Lower (std. UC) f. stabilizer & r. dozer down														*3850	*3850	*3850
	Lower (std. UC) 2 sets of stabilizers down														*3850	*3850	*3850
6000 mm	Lower (std. UC) rear dozer up								5550	4400	3700				*3350	3200	2700
	Lower (std. UC) rear dozer down								5550	*6750	4100				*3350	*3350	3000
	Lower (std. UC) f. stabilizer & r. dozer down								*6750	*6750	6050				*3350	*3350	*3350
	Lower (std. UC) 2 sets of stabilizers down								*6750	*6750	*6750				*3350	*3350	*3350
4500 mm	Lower (std. UC) rear dozer up				8650	6750	5600	5400	4250	3550	3700	2850	2400		*3150	2650	2200
	Lower (std. UC) rear dozer down				8600	*8750	6250	5350	*7100	3950	3700	*5800	2700		*3150	*3150	2450
	Lower (std. UC) f. stabilizer & r. dozer down				*8750	*8750	*8750	*7100	*7100	5900	*5800	*5800	4050		*3150	*3150	*3150
	Lower (std. UC) 2 sets of stabilizers down				*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	5000		*3150	*3150	*3150
3000 mm	Lower (std. UC) rear dozer up				7950	6150	5000	5100	3950	3300	3600	2800	2300		3100	2350	1950
	Lower (std. UC) rear dozer down				7900	*10 500	5650	5100	*7550	3700	3600	*6000	2600		3100	*3100	2200
	Lower (std. UC) f. stabilizer & r. dozer down				*10 500	*10 500	8750	*7550	*7550	5600	*6000	*6000	3950		*3100	*3100	*3100
	Lower (std. UC) 2 sets of stabilizers down				*10 500	*10 500	*10 500	*7550	*7550	7000	*6000	*6000	4900		*3100	*3100	*3100
1500 mm	Lower (std. UC) rear dozer up				7400	5600	4500	4850	3700	3050	3500	2650	2200		3000	2250	1850
	Lower (std. UC) rear dozer down				7350	*11 700	5100	4850	*8250	3450	3450	5900	2450		3000	*3250	2100
	Lower (std. UC) f. stabilizer & r. dozer down				*11 700	*11 700	8200	*8250	*8250	5350	*6300	*6300	3850		*3250	*3250	*3250
	Lower (std. UC) 2 sets of stabilizers down				*11 700	*11 700	10 600	*8250	*8250	6700	*6300	6000	4750		*3250	*3250	*3250
0 mm	Lower (std. UC) rear dozer up				7150	5350	4250	4700	3550	2900	3400	2600	2100		3100	2300	1900
	Lower (std. UC) rear dozer down				7100	*11 650	4850	4650	8350	3250	3400	5800	2400		3050	*3500	2150
	Lower (std. UC) f. stabilizer & r. dozer down				*11 650	*11 650	7900	*8500	*8500	5150	*6550	*6550	3750		*3500	*3500	3400
	Lower (std. UC) 2 sets of stabilizers down				*11 650	*11 650	10 300	*8500	8400	6500	*6550	5900	4700		*3500	*3500	*3500
-1500 mm	Lower (std. UC) rear dozer up	*10 000	*10 000	8000	7100	5300	4200	4600	3500	2800	3400	2600	2100		3400	2550	2100
	Lower (std. UC) rear dozer down	*10 000	*10 000	9300	7050	*10 600	4850	4600	*7900	3200	3400	*5150	2400		3350	*4000	2350
	Lower (std. UC) f. stabilizer & r. dozer down	*10 000	*10 000	*10 000	*10 600	*10 600	7850	*7900	*7900	5100	*5150	*5150	3750		*4000	*4000	3700
	Lower (std. UC) 2 sets of stabilizers down	*10 000	*10 000	*10 000	*10 600	*10 600	10 250	*7900	*7900	6450	*5150	*5150	4700		*4000	*4000	*4000
-3000 mm	Lower (std. UC) rear dozer up				7200	5400	4300	4700	3550	2900							
	Lower (std. UC) rear dozer down				7150	*8500	4950	4650	*6150	3300							
	Lower (std. UC) f. stabilizer & r. dozer down				*8500	*8500	8000	*6150	*6150	5200							
	Lower (std. UC) 2 sets of stabilizers down				*8500	*8500	*8500	*6150	*6150	*6150							

*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.

M322F 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 (3500 kg), heavy lift on.

Long Stick 2900 mm	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	3000 mm			4500 mm			6000 mm			7500 mm			mm				
						Undercarriage configuration																
9000 mm	Lower (std. UC) rear dozer up								*4200	*4200	*4200								*4150	*4150	*4150	4510
	Lower (std. UC) rear dozer down								*4200	*4200	*4200								*4150	*4150	*4150	
	Lower (std. UC) f. stabilizer & r. dozer down								*4200	*4200	*4200								*4150	*4150	*4150	
	Lower (std. UC) 2 sets of stabilizers down								*4200	*4200	*4200								*4150	*4150	*4150	
	Lower (std. UC) f. dozer & r. stabilizer down								*4200	*4200	*4200								*4150	*4150	*4150	
7500 mm	Lower (std. UC) rear dozer up											*5100	4450	3750					*3100	*3100	*3100	6410
	Lower (std. UC) rear dozer down											*5100	*5100	4150					*3100	*3100	*3100	
	Lower (std. UC) f. stabilizer & r. dozer down											*5100	*5100	*5100					*3100	*3100	*3100	
	Lower (std. UC) 2 sets of stabilizers down											*5100	*5100	*5100					*3100	*3100	*3100	
	Lower (std. UC) f. dozer & r. stabilizer down											*5100	*5100	*5100					*3100	*3100	*3100	
6000 mm	Lower (std. UC) rear dozer up											5650	4450	3750	*3150	2900	2450	*2750	*2750	2400	7540	
	Lower (std. UC) rear dozer down											5600	*6300	4150	*3150	*3150	2700	*2750	*2750	2700		
	Lower (std. UC) f. stabilizer & r. dozer down											*6300	*6300	6150	*3150	*3150	*3150	*2750	*2750	*2750		
	Lower (std. UC) 2 sets of stabilizers down											*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750		
	Lower (std. UC) f. dozer & r. stabilizer down											*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750		
4500 mm	Lower (std. UC) rear dozer up								*7850	6900	5700	5450	4300	3600	3750	2900	2400	*2600	2400	2000	8230	
	Lower (std. UC) rear dozer down								*7850	*7850	6350	5400	*6800	4000	3750	*5600	2700	*2600	*2600	2250		
	Lower (std. UC) f. stabilizer & r. dozer down								*7850	*7850	*7850	*6800	*6800	5950	*5600	*5600	4100	*2600	*2600	*2600		
	Lower (std. UC) 2 sets of stabilizers down								*7850	*7850	*7850	*6800	*6800	*6800	*5600	*5600	5050	*2600	*2600	*2600		
	Lower (std. UC) f. dozer & r. stabilizer down								*7850	*7850	*7850	*6800	*6800	6150	*5600	*5600	4200	*2600	*2600	*2600		
3000 mm	Lower (std. UC) rear dozer up								8100	6250	5100	5150	4000	3300	3600	2800	2300	*2600	2150	1800	8590	
	Lower (std. UC) rear dozer down								8050	*10 000	5750	5150	*7300	3700	3600	*5800	2600	*2600	*2600	2000		
	Lower (std. UC) f. stabilizer & r. dozer down								*10 000	*10 000	8900	*7300	*7300	5650	*5800	*5800	3950	*2600	*2600	*2600		
	Lower (std. UC) 2 sets of stabilizers down								*10 000	*10 000	*10 000	*7300	*7300	7050	*5800	*5800	4900	*2600	*2600	*2600		
	Lower (std. UC) f. dozer & r. stabilizer down								*10 000	*10 000	9250	*7300	*7300	5850	*5800	*5800	4100	*2600	*2600	*2600		
1500 mm	Lower (std. UC) rear dozer up								7450	5650	4550	4850	3700	3050	3500	2650	2150	*2650	2100	1700	8670	
	Lower (std. UC) rear dozer down								7400	*11 400	5150	4850	*7950	3450	3450	5900	2450	*2650	*2650	1950		
	Lower (std. UC) f. stabilizer & r. dozer down								*11 400	*11 400	8250	*7950	*7950	5350	*6100	*6100	3850	*2650	*2650	*2650		
	Lower (std. UC) 2 sets of stabilizers down								*11 400	*11 400	10 650	*7950	*7950	6700	*6100	6000	4750	*2650	*2650	*2650		
	Lower (std. UC) f. dozer & r. stabilizer down								*11 400	*11 400	8600	*7950	*7950	5550	*6100	5850	3950	*2650	*2650	*2650		
0 mm	Lower (std. UC) rear dozer up								7100	5300	4250	4650	3500	2850	3350	2550	2050	2850	2100	1700	8470	
	Lower (std. UC) rear dozer down								7050	*11 750	4850	4650	8300	3250	3350	5800	2350	2800	*2850	1950		
	Lower (std. UC) f. stabilizer & r. dozer down								*11 750	*11 750	7900	*8500	*8500	5150	*6450	*6450	3700	*2850	*2850	*2850		
	Lower (std. UC) 2 sets of stabilizers down								*11 750	*11 750	10 250	*8500	8350	6500	*6450	5900	4650	*2850	*2850	*2850		
	Lower (std. UC) f. dozer & r. stabilizer down								*11 750	*11 750	8250	*8500	8100	5350	*6450	5700	3850	*2850	*2850	*2850		
-1500 mm	Lower (std. UC) rear dozer up	*9450	*9450	7800	7000	5200	4150	4550	3450	2750	3350	2500	2050	3100	2300	1900				7980		
	Lower (std. UC) rear dozer down	*9450	*9450	9100	6950	*10 950	4750	4550	*8100	3150	3300	5750	2300	3050	*3250	2150						
	Lower (std. UC) f. stabilizer & r. dozer down	*9450	*9450	*9450	*10 950	*10 950	7800	*8100	*8100	5050	*6000	*6000	3700	*3250	*3250	*3250						
	Lower (std. UC) 2 sets of stabilizers down	*9450	*9450	*9450	*10 950	*10 950	10 150	*8100	*8100	6400	*6000	5850	4600	*3250	*3250	*3250						
	Lower (std. UC) f. dozer & r. stabilizer down	*9450	*9450	*9450	*10 950	*10 950	8150	*8100	8000	5250	*6000	5650	3800	*3250	*3250	*3250						
-3000 mm	Lower (std. UC) rear dozer up								7050	5300	4200	4600	3450	2800								
	Lower (std. UC) rear dozer down								7050	*9150	4800	4550	*6750	3200								
	Lower (std. UC) f. stabilizer & r. dozer down								*9150	*9150	7850	*6750	*6750	5100								
	Lower (std. UC) 2 sets of stabilizers down								*9150	*9150	*9150	*6750	*6750	6450								
	Lower (std. UC) f. dozer & r. stabilizer down								*9150	*9150	8200	*6750	*6750	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.

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M322F 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 (4700 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**

Stick height (mm)	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm		
7500 mm	Lower (std. UC) rear dozer up														*3850	*3850	*3850		
	Lower (std. UC) rear dozer down														*3850	*3850	*3850		
	Lower (std. UC) f. stabilizer & r. dozer down														*3850	*3850	*3850		
	Lower (std. UC) 2 sets of stabilizers down														*3850	*3850	*3850		
6000 mm	Lower (std. UC) rear dozer up							6350	5100	4350					*3350	*3350	3200		
	Lower (std. UC) rear dozer down							6300	*6750	4750					*3350	*3350	*3350		
	Lower (std. UC) f. stabilizer & r. dozer down							*6750	*6750	*6750					*3350	*3350	*3350		
	Lower (std. UC) 2 sets of stabilizers down							*6750	*6750	*6750					*3350	*3350	*3350		
4500 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down							*8750	7850	6500	6150	4950	4200	4300	3400	2900	*3150	*3150	2650
	Lower (std. UC) 2 sets of stabilizers down							*8750	*8750	7200	6150	*7100	4600	4300	*5800	3200	*3150	*3150	2950
3000 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down							*10 500	*10 500	10 000	*7550	*7550	6400	*6000	*6000	4550	*3100	*3100	*3100
	Lower (std. UC) 2 sets of stabilizers down							*10 500	*10 500	*10 500	*7550	*7550	*7550	*6000	*6000	5550	*3100	*3100	*3100
1500 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down																		
	Lower (std. UC) 2 sets of stabilizers down																		
0 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down																		
	Lower (std. UC) 2 sets of stabilizers down																		
-1500 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down																		
	Lower (std. UC) 2 sets of stabilizers down																		
-3000 mm	Lower (std. UC) rear dozer up																		
	Lower (std. UC) rear dozer down																		
	Lower (std. UC) f. stabilizer & r. dozer down																		
	Lower (std. UC) 2 sets of stabilizers down																		

*Limited by hydraulic rather than tipping load.
















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Lift Capacities – Variable Adjustable Boom

All values are in kg, bucket cylinder and bucket linkage installed, work tool: none, with counterweight (4700 kg), heavy lift on.

Long Stick 2900 mm		Load at maximum reach (stick nose/bucket pin)		Load over front		Load over rear	Load over side			Load point height			mm						
							3000 mm			4500 mm				6000 mm			7500 mm		
																			
9000 mm	Lower (std. UC) rear dozer up						*4200	*4200	*4200				*4150	*4150	*4150	4510			
	Lower (std. UC) rear dozer down						*4200	*4200	*4200				*4150	*4150	*4150				
	Lower (std. UC) f. stabilizer & r. dozer down						*4200	*4200	*4200				*4150	*4150	*4150				
	Lower (std. UC) 2 sets of stabilizers down						*4200	*4200	*4200				*4150	*4150	*4150				
	Lower (std. UC) f. dozer & r. stabilizer down						*4200	*4200	*4200				*4150	*4150	*4150				
7500 mm	Lower (std. UC) rear dozer up									*5100	*5100	4400			*3100	*3100	*3100		
	Lower (std. UC) rear dozer down									*5100	*5100	4800			*3100	*3100	*3100		
	Lower (std. UC) f. stabilizer & r. dozer down									*5100	*5100	*5100			*3100	*3100	*3100		
	Lower (std. UC) 2 sets of stabilizers down									*5100	*5100	*5100			*3100	*3100	*3100		
	Lower (std. UC) f. dozer & r. stabilizer down									*5100	*5100	*5100			*3100	*3100	*3100		
6000 mm	Lower (std. UC) rear dozer up									*6300	5200	4400	*3150	*3150	2900	*2750	*2750	*2750	
	Lower (std. UC) rear dozer down									*6300	*6300	4850	*3150	*3150	*3150	*2750	*2750	*2750	
	Lower (std. UC) f. stabilizer & r. dozer down									*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750	
	Lower (std. UC) 2 sets of stabilizers down									*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750	
	Lower (std. UC) f. dozer & r. stabilizer down									*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750	
4500 mm	Lower (std. UC) rear dozer up						*7850	*7850	6650	6200	5000	4200	4350	3450	2900	*2600	*2600	2450	
	Lower (std. UC) rear dozer down						*7850	*7850	7350	6200	*6800	4650	4300	*5600	3200	*2600	*2600	*2600	
	Lower (std. UC) f. stabilizer & r. dozer down						*7850	*7850	*7850	*6800	*6800	6750	*5600	*5600	4700	*2600	*2600	*2600	
	Lower (std. UC) 2 sets of stabilizers down						*7850	*7850	*7850	*6800	*6800	*6800	*5600	*5600	*5600	*2600	*2600	*2600	
	Lower (std. UC) f. dozer & r. stabilizer down						*7850	*7850	*7850	*6800	*6800	*6800	*5600	*5600	4850	*2600	*2600	*2600	
3000 mm	Lower (std. UC) rear dozer up						9250	7300	6050	5950	4750	3950	4200	3350	2800	*2600	*2600	2200	
	Lower (std. UC) rear dozer down						9200	*10 000	6700	5900	*7300	4400	4200	*5800	3100	*2600	*2600	2450	
	Lower (std. UC) f. stabilizer & r. dozer down						*10 000	*10 000	*10 000	*7300	*7300	6450	*5800	*5800	4600	*2600	*2600	*2600	
	Lower (std. UC) 2 sets of stabilizers down						*10 000	*10 000	*10 000	*7300	*7300	*7300	*5800	*5800	5600	*2600	*2600	*2600	
	Lower (std. UC) f. dozer & r. stabilizer down						*10 000	*10 000	*10 000	*7300	*7300	6650	*5800	*5800	4700	*2600	*2600	*2600	
1500 mm	Lower (std. UC) rear dozer up						8600	6700	5450	5650	4450	3700	4050	3200	2650	*2650	2550	2100	
	Lower (std. UC) rear dozer down						8550	*11 400	6150	5600	*7950	4100	4050	*6100	2950	*2650	*2650	2350	
	Lower (std. UC) f. stabilizer & r. dozer down						*11 400	*11 400	9450	*7950	*7950	6150	*6100	*6100	4450	*2650	*2650	*2650	
	Lower (std. UC) 2 sets of stabilizers down						*11 400	*11 400	*11 400	*7950	*7950	7650	*6100	*6100	5450	*2650	*2650	*2650	
	Lower (std. UC) f. dozer & r. stabilizer down						*11 400	*11 400	9850	*7950	*7950	6350	*6100	*6100	4550	*2650	*2650	*2650	
0 mm	Lower (std. UC) rear dozer up						8250	6400	5150	5450	4250	3500	3950	3100	2550	*2850	2600	2150	
	Lower (std. UC) rear dozer down						8250	*11 750	5800	5400	*8500	3900	3950	*6450	2850	*2850	*2850	2400	
	Lower (std. UC) f. stabilizer & r. dozer down						*11 750	*11 750	9100	*8500	*8500	5950	*6450	*6450	4300	*2850	*2850	*2850	
	Lower (std. UC) 2 sets of stabilizers down						*11 750	*11 750	11 700	*8500	*8500	7400	*6450	*6450	5300	*2850	*2850	*2850	
	Lower (std. UC) f. dozer & r. stabilizer down						*11 750	*11 750	9500	*8500	*8500	6150	*6450	*6450	4450	*2850	*2850	*2850	
-1500 mm	Lower (std. UC) rear dozer up		*9450	*9450	9400	8150	6300	5050	5350	4150	3400	3900	3050	2550	*3250	2800	2350		
	Lower (std. UC) rear dozer down		*9450	*9450	*9450	8150	*10 950	5750	5300	*8100	3850	3900	*6000	2850	*3250	*3250	2600		
	Lower (std. UC) f. stabilizer & r. dozer down		*9450	*9450	*9450	*10 950	*10 950	9000	*8100	*8100	5850	*6000	*6000	4300	*3250	*3250	*3250		
	Lower (std. UC) 2 sets of stabilizers down		*9450	*9450	*9450	*10 950	*10 950	*10 950	*8100	*8100	7300	*6000	*6000	5300	*3250	*3250	*3250		
	Lower (std. UC) f. dozer & r. stabilizer down		*9450	*9450	*9450	*10 950	*10 950	9400	*8100	*8100	6050	*6000	*6000	4400	*3250	*3250	*3250		
-3000 mm	Lower (std. UC) rear dozer up					8250	6350	5150	5400	4200	3450								
	Lower (std. UC) rear dozer down					8200	*9150	5800	5350	*6750	3850								
	Lower (std. UC) f. stabilizer & r. dozer down					*9150	*9150	9100	*6750	*6750	5900								
	Lower (std. UC) 2 sets of stabilizers down					*9150	*9150	*9150	*6750	*6750	*6750								
	Lower (std. UC) f. dozer & r. stabilizer down					*9150	*9150	*9150	*6750	*6750	6100								

*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.

M322F 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 (3500 kg), heavy lift on.

Medium Stick 2500 mm	 Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			 mm				
		 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height				
																	mm	
7500 mm	Lower (std. UC) rear dozer up								*3950	*3950	3650				*3750	*3750	3600	6020
	Lower (std. UC) rear dozer down								*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std. UC) f. stabilizer & r. dozer down								*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std. UC) 2 sets of stabilizers down								*3950	*3950	*3950				*3750	*3750	*3750	
6000 mm	Lower (std. UC) rear dozer up								5500	4350	3700				*3350	3100	2650	7210
	Lower (std. UC) rear dozer down								5500	*6400	4100				*3350	*3350	2900	
	Lower (std. UC) f. stabilizer & r. dozer down								*6400	*6400	6000				*3350	*3350	*3350	
	Lower (std. UC) 2 sets of stabilizers down								*6400	*6400	*6400				*3350	*3350	*3350	
4500 mm	Lower (std. UC) rear dozer up								5350	4200	3550	3700	2900	2400	*3200	2600	2150	7930
	Lower (std. UC) rear dozer down								5300	*6950	3900	3700	6100	2700	*3200	*3200	2450	
	Lower (std. UC) f. stabilizer & r. dozer down								*6950	*6950	5850	*6150	*6150	4050	*3200	*3200	*3200	
	Lower (std. UC) 2 sets of stabilizers down								*6950	*6950	*6950	*6150	*6150	5000	*3200	*3200	*3200	
3000 mm	Lower (std. UC) rear dozer up				7850	6050	4950	5100	3950	3300	3600	2800	2300	3050	2350	1950	8300	
	Lower (std. UC) rear dozer down				7800	*10 400	5600	5050	*7750	3700	3600	5950	2600	3050	*3200	2200		
	Lower (std. UC) f. stabilizer & r. dozer down				*10 400	*10 400	8650	*7750	*7750	5550	*6400	*6400	3950	*3200	*3200	*3200		
	Lower (std. UC) 2 sets of stabilizers down				*10 400	*10 400	*10 400	*7750	*7750	6900	*6400	6100	4850	*3200	*3200	*3200		
1500 mm	Lower (std. UC) rear dozer up				7350	5550	4500	4850	3700	3050	3500	2650	2200	2950	2250	1850	8390	
	Lower (std. UC) rear dozer down				7300	*11 750	5100	4800	*8400	3450	3450	5850	2500	2950	*3350	2100		
	Lower (std. UC) f. stabilizer & r. dozer down				*11 750	*11 750	8100	*8400	*8400	5300	*6700	6650	3850	*3350	*3350	3250		
	Lower (std. UC) 2 sets of stabilizers down				*11 750	*11 750	10 450	*8400	*8400	6650	*6700	5950	4750	*3350	*3350	*3350		
0 mm	Lower (std. UC) rear dozer up				7100	5350	4300	4650	3550	2900	3400	2600	2150	3000	2300	1900	8180	
	Lower (std. UC) rear dozer down				7050	*11 850	4900	4650	8200	3300	3400	5750	2400	3000	*3700	2150		
	Lower (std. UC) f. stabilizer & r. dozer down				*11 850	*11 850	7900	*8600	*8600	5150	*6650	6550	3750	*3700	*3700	3300		
	Lower (std. UC) 2 sets of stabilizers down				*11 850	*11 850	10 200	*8600	8300	6450	*6650	5850	4650	*3700	*3700	*3700		
-1500 mm	Lower (std. UC) rear dozer up	*9750	*9750	8100	7050	5300	4250	4600	3500	2850	3400	2550	2100	3300	2500	2050	7670	
	Lower (std. UC) rear dozer down	*9750	*9750	9400	7050	*11 000	4850	4600	8150	3250	3350	5700	2400	3300	*4300	2350		
	Lower (std. UC) f. stabilizer & r. dozer down	*9750	*9750	*9750	*11 000	*11 000	7850	*8200	*8200	5100	*6050	*6050	3750	*4300	*4300	3600		
	Lower (std. UC) 2 sets of stabilizers down	*9750	*9750	*9750	*11 000	*11 000	10 150	*8200	*8200	6400	*6050	5850	4650	*4300	*4300	*4300		
-3000 mm	Lower (std. UC) rear dozer up	*11 850	10 750	8250	7150	5400	4350	4650	3550	2900				4000	3050	2500	6780	
	Lower (std. UC) rear dozer down	*11 850	*11 850	9550	7150	*9200	4950	4650	*6800	3300				3950	*5350	2800		
	Lower (std. UC) f. stabilizer & r. dozer down	*11 850	*11 850	*11 850	*9200	*9200	7950	*6800	*6800	5150				*5350	*5350	4350		
	Lower (std. UC) 2 sets of stabilizers down	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	6450				*5350	*5350	*5350		

*Limited by hydraulic rather than tipping load.




















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

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

M322F 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 (3500 kg), heavy lift on.

Long Stick 2900 mm		Load at maximum reach (stick nose/bucket pin)									Load over front			Load over rear			Load over side			Load point height			mm		
		3000 mm			4500 mm			6000 mm			7500 mm														
																									
7500 mm	Lower (std. UC) rear dozer up																				*3050	*3050	*3050	6560	
	Lower (std. UC) rear dozer down																					*3050	*3050		*3050
	Lower (std. UC) f. stabilizer & r. dozer down																					*3050	*3050		*3050
	Lower (std. UC) 2 sets of stabilizers down																					*3050	*3050		*3050
6000 mm	Lower (std. UC) rear dozer up																					*2750	*2750	*2350	7660
	Lower (std. UC) rear dozer down																					*2750	*2750	*2650	
	Lower (std. UC) f. stabilizer & r. dozer down																					*3850	*3850	*2750	
	Lower (std. UC) 2 sets of stabilizers down																					*3850	*3850	*2750	
4500 mm	Lower (std. UC) rear dozer up																								8340
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
3000 mm	Lower (std. UC) rear dozer up																								8690
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
1500 mm	Lower (std. UC) rear dozer up																								8770
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
0 mm	Lower (std. UC) rear dozer up																								8580
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
-1500 mm	Lower (std. UC) rear dozer up																								8100
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
-3000 mm	Lower (std. UC) rear dozer up																								7260
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								
-4500 mm	Lower (std. UC) rear dozer up																								
	Lower (std. UC) rear dozer down																								
	Lower (std. UC) f. stabilizer & r. dozer down																								
	Lower (std. UC) 2 sets of stabilizers down																								

*Limited by hydraulic rather than tipping load.

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

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
















M322F 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 (4700 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 (mm)	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load point height			mm	
																		
7500 mm	Lower (std. UC) rear dozer up							*3950	*3950	*3950				*3750	*3750	*3750	6020	
	Lower (std. UC) rear dozer down							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std. UC) f. stabilizer & r. dozer down							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std. UC) 2 sets of stabilizers down							*3950	*3950	*3950				*3750	*3750	*3750		
6000 mm	Lower (std. UC) rear dozer up							6300	5100	4350				*3350	*3350	3150	7210	
	Lower (std. UC) rear dozer down							6250	*6400	4750				*3350	*3350	*3350		
	Lower (std. UC) f. stabilizer & r. dozer down							*6400	*6400	*6400				*3350	*3350	*3350		
	Lower (std. UC) 2 sets of stabilizers down							*6400	*6400	*6400				*3350	*3350	*3350		
4500 mm	Lower (std. UC) rear dozer up							6100	4950	4150	4300	3450	2900	*3200	3100	2650	7930	
	Lower (std. UC) rear dozer down							6100	*6950	4600	4300	*6150	3200	*3200	*3200	2900		
	Lower (std. UC) f. stabilizer & r. dozer down							*6950	*6950	6650	*6150	*6150	4650	*3200	*3200	*3200		
	Lower (std. UC) 2 sets of stabilizers down							*6950	*6950	*6950	*6150	*6150	5650	*3200	*3200	*3200		
3000 mm	Lower (std. UC) rear dozer up					9000	7100	5900	5850	4650	3950	4200	3350	2800	*3200	2800	2400	8300
	Lower (std. UC) rear dozer down					9000	*10 400	6550	5850	*7750	4350	4200	*6400	3100	*3200	*3200	2650	
	Lower (std. UC) f. stabilizer & r. dozer down					*10 400	*10 400	9900	*7750	*7750	6400	*6400	*6400	4550	*3200	*3200	*3200	
	Lower (std. UC) 2 sets of stabilizers down					*10 400	*10 400	*10 400	*7750	*7750	*7750	*6400	*6400	5550	*3200	*3200	*3200	
1500 mm	Lower (std. UC) rear dozer up					8500	6600	5400	5600	4450	3700	4100	3200	2700	*3350	2700	2300	8390
	Lower (std. UC) rear dozer down					8450	*11 750	6100	5600	*8400	4100	4050	6650	3000	*3350	*3350	2550	
	Lower (std. UC) f. stabilizer & r. dozer down					*11 750	*11 750	9350	*8400	*8400	6100	*6700	*6700	4450	*3350	*3350	*3350	
	Lower (std. UC) 2 sets of stabilizers down					*11 750	*11 750	*11 750	*8400	*8400	7550	*6700	*6700	5400	*3350	*3350	*3350	
0 mm	Lower (std. UC) rear dozer up					8250	6400	5200	5450	4250	3550	4000	3150	2600	3550	2800	2350	8180
	Lower (std. UC) rear dozer down					8250	*11 850	5850	5400	*8600	3950	3950	6550	2900	3500	*3700	2600	
	Lower (std. UC) f. stabilizer & r. dozer down					*11 850	*11 850	9100	*8600	*8600	5950	*6650	*6650	4350	*3700	*3700	*3700	
	Lower (std. UC) 2 sets of stabilizers down					*11 850	*11 850	11 650	*8600	*8600	7400	*6650	6650	5300	*3700	*3700	*3700	
-1500 mm	Lower (std. UC) rear dozer up	*9750	*9750	9700	8250	6400	5200	5400	4200	3500	4000	3100	2600	3850	3050	2550	7670	
	Lower (std. UC) rear dozer down	*9750	*9750	*9750	8200	*11 000	5850	5350	*8200	3900	3950	*6050	2900	*3350	*4300	2850		
	Lower (std. UC) f. stabilizer & r. dozer down	*9750	*9750	*9750	*11 000	*11 000	9050	*8200	*8200	5900	*6050	*6050	4350	*4300	*4300	4200		
	Lower (std. UC) 2 sets of stabilizers down	*9750	*9750	*9750	*11 000	*11 000	*11 000	*8200	*8200	7300	*6050	*6050	5300	*4300	*4300	*4300		
-3000 mm	Lower (std. UC) rear dozer up	*11 850	*11 850	9900	8350	6450	5300	5450	4250	3550				4650	3650	3050	6780	
	Lower (std. UC) rear dozer down	*11 850	*11 850	11 350	8300	*9200	5950	5400	*6800	3950				4600	*5350	3400		
	Lower (std. UC) f. stabilizer & r. dozer down	*11 850	*11 850	*11 850	*9200	*9200	9150	*6800	*6800	5950				*5350	*5350	5050		
	Lower (std. UC) 2 sets of stabilizers down	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	*6800				*5350	*5350	*5350		

*Limited by hydraulic rather than tipping load.























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

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

M322F 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 (4700 kg), heavy lift on.

Long Stick 2900 mm		 Load at maximum reach (stick nose/bucket pin)			 Load over front			 Load over rear			 Load over side			 Load point height			mm	
		3000 mm		4500 mm			6000 mm			7500 mm								
																		
7500 mm	Lower (std. UC) rear dozer up														*3050	*3050	*3050	
	Lower (std. UC) rear dozer down														*3050	*3050	*3050	
	Lower (std. UC) f. stabilizer & r. dozer down														*3050	*3050	*3050	
	Lower (std. UC) 2 sets of stabilizers down														*3050	*3050	*3050	
6000 mm	Lower (std. UC) rear dozer up												*3850	3500	2950	*2750	*2750	*2750
	Lower (std. UC) rear dozer down												*3850	*3850	3250	*2750	*2750	*2750
	Lower (std. UC) f. stabilizer & r. dozer down												*3850	*3850	*3850	*2750	*2750	*2750
	Lower (std. UC) 2 sets of stabilizers down												*3850	*3850	*3850	*2750	*2750	*2750
4500 mm	Lower (std. UC) rear dozer up								6150	4950	4200	4300	3450	2950	*2650	*2650	2400	
	Lower (std. UC) rear dozer down								6150	*6550	4650	4300	*5850	3250	*2650	*2650	*2650	
	Lower (std. UC) f. stabilizer & r. dozer down								*6550	*6550	*6550	*5850	*5850	4700	*2650	*2650	*2650	
	Lower (std. UC) 2 sets of stabilizers down								*6550	*6550	*6550	*5850	*5850	5700	*2650	*2650	*2650	
3000 mm	Lower (std. UC) rear dozer up					9150	7250	6000	5900	4700	3950	4200	3350	2800	*2650	*2600	2200	
	Lower (std. UC) rear dozer down					9100	*9850	6650	5850	*7400	4400	4200	*6200	3100	*2650	*2650	2450	
	Lower (std. UC) f. stabilizer & r. dozer down					*9850	*9850	*9850	*7400	*7400	6400	*6200	*6200	4550	*2650	*2650	*2650	
	Lower (std. UC) 2 sets of stabilizers down					*9850	*9850	*9850	*7400	*7400	*7400	*6200	*6200	5550	*2650	*2650	*2650	
1500 mm	Lower (std. UC) rear dozer up					8550	6650	5450	5600	4450	3700	4050	3200	2700	*2800	2500	2100	
	Lower (std. UC) rear dozer down					8500	*11 400	6100	5600	*8200	4100	4050	*6550	3000	*2800	*2800	2350	
	Lower (std. UC) f. stabilizer & r. dozer down					*11 400	*11 400	9400	*8200	*8200	6150	*6550	*6550	4400	*2800	*2800	*2800	
	Lower (std. UC) 2 sets of stabilizers down					*11 400	*11 400	*11 400	*8200	*8200	7550	*6550	*6550	5400	*2800	*2800	*2800	
0 mm	Lower (std. UC) rear dozer up					8250	6400	5200	5400	4250	3500	3950	3100	2600	*3050	2550	2150	
	Lower (std. UC) rear dozer down					8200	*11 850	5850	5400	*8550	3950	3950	6500	2900	*3050	*3050	2400	
	Lower (std. UC) f. stabilizer & r. dozer down					*11 850	*11 850	9100	*8550	*8550	5950	*6650	*6650	4300	*3050	*3050	*3050	
	Lower (std. UC) 2 sets of stabilizers down					*11 850	*11 850	11 600	*8550	*8550	7350	*6650	6600	5300	*3050	*3050	*3050	
-1500 mm	Lower (std. UC) rear dozer up					*9250	*9250	*9250	8150	6300	5100	5350	4150	3450	3900	3050	2550	
	Lower (std. UC) rear dozer down					*9250	*9250	*9250	8100	*11 250	5750	5300	*8300	3850	3900	*6300	2850	
	Lower (std. UC) f. stabilizer & r. dozer down					*9250	*9250	*9250	*11 250	*11 250	9000	*8300	*8300	5850	*6300	*6300	4250	
	Lower (std. UC) 2 sets of stabilizers down					*9250	*9250	*9250	*11 250	*11 250	*11 250	*8300	*8300	7250	*6300	*6300	5250	
-3000 mm	Lower (std. UC) rear dozer up					*13 200	12 550	9700	8200	6350	5150	5350	4200	3450				
	Lower (std. UC) rear dozer down					*13 200	*13 200	11 100	8200	*9750	5800	5350	*7250	3900				
	Lower (std. UC) f. stabilizer & r. dozer down					*13 200	*13 200	*13 200	*9750	*9750	9050	*7250	5850					
	Lower (std. UC) 2 sets of stabilizers down					*13 200	*13 200	*13 200	*9750	*9750	*9750	*7250	*7250	*7250				
-4500 mm	Lower (std. UC) rear dozer up					*6850	6550	5350										
	Lower (std. UC) rear dozer down					*6850	*6850	6000										
	Lower (std. UC) f. stabilizer & r. dozer down					*6850	*6850	*6850										
	Lower (std. UC) 2 sets of stabilizers down					*6850	*6850	*6850										

*Limited by hydraulic rather than tipping load.

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

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M322F 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 (7,720 lb), 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 8'2"		Undercarriage configuration		10.0 ft			15.0 ft			20.0 ft			25.0 ft				ft		
25.0 ft		Lower (std. UC) rear dozer up														*8,600	*8,600	8,600	18.83
		Lower (std. UC) rear dozer down														*8,600	*8,600	*8,600	
		Lower (std. UC) f. stabilizer & r. dozer down														*8,600	*8,600	*8,600	
		Lower (std. UC) 2 sets of stabilizers down														*8,600	*8,600	*8,600	
20.0 ft		Lower (std. UC) f. dozer & r. stabilizer down														*8,600	*8,600	*8,600	23.03
		Lower (std. UC) rear dozer up								11,900	9,400	7,900				*7,400	*7,200	6,000	
		Lower (std. UC) rear dozer down								11,900	*14,800	8,800				*7,400	*7,400	6,700	
		Lower (std. UC) f. stabilizer & r. dozer down								*14,800	*14,800	13,000				*7,400	*7,400	*7,400	
15.0 ft		Lower (std. UC) 2 sets of stabilizers down								*14,800	*14,800	*14,800				*7,400	*7,400	*7,400	25.56
		Lower (std. UC) f. dozer & r. stabilizer down								*14,800	*14,800	13,400				*7,400	*7,400	*7,400	
		Lower (std. UC) rear dozer up					18,600	14,600	12,100	11,600	9,100	7,600	8,000	6,100	5,100	*7,000	5,900	4,900	
		Lower (std. UC) rear dozer down					18,500	*18,900	13,500	11,600	*15,400	8,500	7,900	*10,700	5,700	*7,000	*7,000	5,500	
10.0 ft		Lower (std. UC) f. stabilizer & r. dozer down					*18,900	*18,900	*18,900	*15,400	*15,400	12,700	*10,700	*10,700	8,700	*7,000	*7,000	*7,000	26.87
		Lower (std. UC) 2 sets of stabilizers down					*18,900	*18,900	*18,900	*15,400	*15,400	*15,400	*10,700	*10,700	10,700	*7,000	*7,000	*7,000	
		Lower (std. UC) f. dozer & r. stabilizer down					*18,900	*18,900	*18,900	*15,400	*15,400	13,100	*10,700	*10,700	9,000	*7,000	*7,000	*7,000	
		Lower (std. UC) rear dozer up					17,200	13,200	10,800	11,000	8,600	7,100	7,800	6,000	4,900	6,900	5,200	4,300	
5.0 ft		Lower (std. UC) rear dozer down					17,100	*22,700	12,200	11,000	*16,300	7,900	7,700	*13,000	5,600	6,800	*6,900	4,900	27.17
		Lower (std. UC) f. stabilizer & r. dozer down					*22,700	*22,700	18,900	*16,300	*16,300	12,100	*13,000	*13,000	8,500	*6,900	*6,900	*6,900	
		Lower (std. UC) 2 sets of stabilizers down					*22,700	*22,700	*22,700	*16,300	*16,300	15,000	*13,000	*13,000	10,500	*6,900	*6,900	*6,900	
		Lower (std. UC) f. dozer & r. stabilizer down					*22,700	*22,700	19,700	*16,300	*16,300	12,500	*13,000	12,900	8,800	*6,900	*6,900	*6,900	
0.0 ft		Lower (std. UC) rear dozer up					15,900	12,100	9,700	10,500	8,000	6,600	7,500	5,700	4,700	6,600	5,000	4,100	26.48
		Lower (std. UC) rear dozer down					15,800	*25,300	11,000	10,400	*17,800	7,400	7,500	12,700	5,300	6,600	*7,100	4,700	
		Lower (std. UC) f. stabilizer & r. dozer down					*25,300	*25,300	17,600	*17,800	*17,800	11,500	*13,600	*13,600	8,300	*7,100	*7,100	*7,100	
		Lower (std. UC) 2 sets of stabilizers down					*25,300	*25,300	22,700	*17,800	*17,800	14,400	*13,600	13,000	10,300	*7,100	*7,100	*7,100	
-5.0 ft		Lower (std. UC) f. dozer & r. stabilizer down					*25,300	*25,300	18,400	*17,800	*17,800	11,900	*13,600	12,600	8,500	*7,100	*7,100	*7,100	24.74
		Lower (std. UC) rear dozer up		*22,800	22,500	17,100	15,200	11,400	9,100	10,000	7,500	6,100				7,500	5,700	4,600	
		Lower (std. UC) rear dozer down		*22,800	*22,800	19,900	15,100	*23,000	10,400	9,900	*17,100	6,900				7,400	*8,900	5,200	
		Lower (std. UC) f. stabilizer & r. dozer down		*22,800	*22,800	*22,800	*23,000	*23,000	16,900	*17,100	*17,100	11,000				*8,900	*8,900	8,200	
-10.0 ft		Lower (std. UC) 2 sets of stabilizers down		*22,800	*22,800	*22,800	*23,000	*23,000	22,000	*17,100	*17,100	13,900				*8,900	*8,900	*8,900	24.74
		Lower (std. UC) f. dozer & r. stabilizer down		*22,800	*22,800	*22,800	*23,000	*23,000	17,600	*17,100	*17,100	11,400				*8,900	*8,900	8,500	
		Lower (std. UC) rear dozer up					15,500	11,600	9,300	10,100	7,700	6,300							
		Lower (std. UC) rear dozer down					15,400	*18,300	10,600	10,100	*13,000	7,100							
		Lower (std. UC) f. stabilizer & r. dozer down					*18,300	*18,300	17,200	*13,000	*13,000	11,200							24.74
		Lower (std. UC) 2 sets of stabilizers down					*18,300	*18,300	*18,300	*13,000	*13,000	*13,000							
		Lower (std. UC) f. dozer & r. stabilizer down					*18,300	*18,300	17,900	*13,000	*13,000	11,600							

*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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M322F 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 (7,720 lb), heavy lift on.

Long Stick 9'6"	 Load at maximum reach (stick nose/bucket pin)	 Load over front			 Load over rear			 Load over side			 Load point height			ft									
		Undercarriage configuration				10.0 ft			15.0 ft			20.0 ft			25.0 ft								
																							
30.0 ft	Lower (std. UC) rear dozer up													*9,500	*9,500	*9,500							
	Lower (std. UC) rear dozer down													*9,500	*9,500	*9,500							
	Lower (std. UC) f. stabilizer & r. dozer down													*9,500	*9,500	*9,500							
	Lower (std. UC) 2 sets of stabilizers down													*9,500	*9,500	*9,500							
25.0 ft	Lower (std. UC) rear dozer up							*9,800	9,400	7,900				*7,000	*7,000	*7,000							
	Lower (std. UC) rear dozer down							*9,800	*9,800	8,800				*7,000	*7,000	*7,000							
	Lower (std. UC) f. stabilizer & r. dozer down							*9,800	*9,800	*9,800				*7,000	*7,000	*7,000							
	Lower (std. UC) 2 sets of stabilizers down							*9,800	*9,800	*9,800				*7,000	*7,000	*7,000							
20.0 ft	Lower (std. UC) rear dozer up							12,100	9,600	8,100				*6,100	*6,100	5,400							
	Lower (std. UC) rear dozer down							12,000	*13,800	8,900				*6,100	*6,100	6,000							
	Lower (std. UC) f. stabilizer & r. dozer down							*13,800	*13,800	13,200				*6,100	*6,100	*6,100							
	Lower (std. UC) 2 sets of stabilizers down							*13,800	*13,800	*13,800				*6,100	*6,100	*6,100							
15.0 ft	Lower (std. UC) rear dozer up							*17,000	14,900	12,300	11,700	9,200	7,700	8,000	6,200	5,200	*5,800	5,300	4,400				
	Lower (std. UC) rear dozer down							*17,000	*17,000	13,700	11,700	*14,800	8,600	8,000	*12,200	5,800	*5,800	*5,800	5,000				
	Lower (std. UC) f. stabilizer & r. dozer down							*17,000	*17,000	*17,000	*14,800	*14,800	12,800	*12,200	*12,200	8,800	*5,800	*5,800	*5,800				
	Lower (std. UC) 2 sets of stabilizers down							*17,000	*17,000	*17,000	*14,800	*14,800	*14,800	*12,200	*12,200	10,800	*5,800	*5,800	*5,800				
10.0 ft	Lower (std. UC) rear dozer up							17,400	13,500	11,000	11,100	8,600	7,200	7,800	6,000	4,900	*5,700	4,800	3,900				
	Lower (std. UC) rear dozer down							17,300	*21,500	12,400	11,100	*15,800	8,000	7,800	*12,600	5,600	*5,700	*5,700	4,500				
	Lower (std. UC) f. stabilizer & r. dozer down							*21,500	*21,500	19,200	*15,800	*15,800	12,200	*12,600	*12,600	8,500	*5,700	*5,700	*5,700				
	Lower (std. UC) 2 sets of stabilizers down							*21,500	*21,500	*21,500	*15,800	*15,800	15,100	*12,600	*12,600	10,600	*5,700	*5,700	*5,700				
5.0 ft	Lower (std. UC) rear dozer up							16,100	12,200	9,800	10,500	8,000	6,600	7,500	5,700	4,700	*5,900	4,600	3,700				
	Lower (std. UC) rear dozer down							16,000	*24,700	11,100	10,400	*17,200	7,400	7,500	12,700	5,300	*5,900	*5,900	4,300				
	Lower (std. UC) f. stabilizer & r. dozer down							*24,700	*24,700	17,800	*17,200	*17,200	11,500	*13,200	*13,200	8,200	*5,900	*5,900	*5,900				
	Lower (std. UC) 2 sets of stabilizers down							*24,700	*24,700	22,900	*17,200	*17,200	14,500	*13,200	12,900	10,200	*5,900	*5,900	*5,900				
0.0 ft	Lower (std. UC) rear dozer up							15,300	11,500	9,100	10,000	7,600	6,200	7,300	5,500	4,500	6,200	4,700	3,800				
	Lower (std. UC) rear dozer down							15,200	*25,400	10,400	10,000	17,800	7,000	7,200	12,400	5,100	6,200	*6,300	4,300				
	Lower (std. UC) f. stabilizer & r. dozer down							*25,400	*25,400	17,000	*18,400	*18,400	11,100	*14,000	*14,000	8,000	*6,300	*6,300	*6,300				
	Lower (std. UC) 2 sets of stabilizers down							*25,400	*25,400	22,000	*18,400	18,000	14,000	*14,000	12,700	10,000	*6,300	*6,300	*6,300				
-5.0 ft	Lower (std. UC) rear dozer up							*21,500	*21,500	16,700	15,100	11,200	8,900	9,800	7,400	6,000	7,200	5,400	4,400	6,800	5,100	4,200	
	Lower (std. UC) rear dozer down							*21,500	*21,500	19,500	15,000	*23,700	10,200	9,800	*17,500	6,800	7,200	12,400	5,000	6,800	*7,200	4,700	
	Lower (std. UC) f. stabilizer & r. dozer down							*21,500	*21,500	*21,500	*23,700	*23,700	16,800	*17,500	*17,500	10,900	*12,800	*12,800	7,900	*7,200	*7,200	*7,200	
	Lower (std. UC) 2 sets of stabilizers down							*21,500	*21,500	*21,500	*23,700	*23,700	21,800	*17,500	*17,500	13,700	*12,800	12,600	9,900	*7,200	*7,200	*7,200	
-10.0 ft	Lower (std. UC) rear dozer up							15,200	11,400	9,100	9,900	7,500	6,100										
	Lower (std. UC) rear dozer down							15,100	*19,700	10,400	9,900	9,900	*14,400	6,900									
	Lower (std. UC) f. stabilizer & r. dozer down							*19,700	*19,700	16,900	*14,400	*14,400	11,000										
	Lower (std. UC) 2 sets of stabilizers down							*19,700	*19,700	*19,700	*14,400	*14,400	13,800										

*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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M322F 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 (10,370 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			ft		
		10.0 ft				15.0 ft			20.0 ft			25.0 ft				
																
25.0 ft	Lower (std. UC) rear dozer up													*8,600	*8,600	*8,600
	Lower (std. UC) rear dozer down													*8,600	*8,600	*8,600
	Lower (std. UC) f. stabilizer & r. dozer down													*8,600	*8,600	*8,600
	Lower (std. UC) 2 sets of stabilizers down													*8,600	*8,600	*8,600
20.0 ft	Lower (std. UC) rear dozer up							13,600	11,000	9,300				*7,400	*7,400	7,200
	Lower (std. UC) rear dozer down							13,600	*14,800	10,300				*7,400	*7,400	*7,400
	Lower (std. UC) f. stabilizer & r. dozer down							*14,800	*14,800	*14,800				*7,400	*7,400	*7,400
	Lower (std. UC) 2 sets of stabilizers down							*14,800	*14,800	*14,800				*7,400	*7,400	*7,400
15.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															
10.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															
5.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															
0.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															
-5.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															
-10.0 ft	Lower (std. UC) rear dozer up															
	Lower (std. UC) rear dozer down															
	Lower (std. UC) f. stabilizer & r. dozer down															
	Lower (std. UC) 2 sets of stabilizers down															

*Limited by hydraulic rather than tipping load.

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


M322F 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 (10,370 lb), heavy lift on.


Long Stick
9'6"

















 Load at maximum reach (stick nose/bucket pin)

 Load over front

 Load over rear

 Load over side

 Load point height

	Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft			25.0 ft						ft				
																					
30.0 ft	Lower (std. UC) rear dozer up																	*9,500	*9,500	*9,500	
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
25.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
20.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
15.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
10.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
5.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
0.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
-5.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500
-10.0 ft	Lower (std. UC) rear dozer up																		*9,500	*9,500	*9,500
	Lower (std. UC) rear dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) f. stabilizer & r. dozer down																		*9,500	*9,500	*9,500
	Lower (std. UC) 2 sets of stabilizers down																		*9,500	*9,500	*9,500

*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.

M322F 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 (7,720 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						
Undercarriage configuration		Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick						
25.0 ft	Lower (std. UC) rear dozer up																*8,400	*8,400	8,300		
	Lower (std. UC) rear dozer down																	*8,400	*8,400	*8,400	
	Lower (std. UC) f. stabilizer & r. dozer down																	*8,400	*8,400	*8,400	
	Lower (std. UC) 2 sets of stabilizers down																		*8,400	*8,400	*8,400
20.0 ft	Lower (std. UC) rear dozer up																	*7,400	*7,000	5,900	
	Lower (std. UC) rear dozer down									11,900	9,400	7,900						*7,400	*7,400	6,500	
	Lower (std. UC) f. stabilizer & r. dozer down									11,800	*14,100	8,800						*7,400	*7,400	*7,400	
	Lower (std. UC) 2 sets of stabilizers down									*14,100	*14,100	12,900						*7,400	*7,400	*7,400	
15.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									11,500	9,100	7,600	8,000	6,200	5,200			*7,100	5,800	4,800	
	Lower (std. UC) 2 sets of stabilizers down									11,500	*15,100	8,500	7,900	*12,100	5,800			*7,100	*7,100	5,400	
10.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									*15,100	*15,100	12,600	*12,100	*12,100	8,700			*7,100	*7,100	*7,100	
	Lower (std. UC) 2 sets of stabilizers down									*15,100	*15,100	*15,100	*12,100	*12,100	10,700			*7,100	*7,100	*7,100	
5.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									*15,100	*15,100	13,000	*12,100	*12,100	9,000			*7,100	*7,100	*7,100	
	Lower (std. UC) 2 sets of stabilizers down									*15,100	*15,100	13,000	*12,100	*12,100	9,000			*7,100	*7,100	*7,100	
0.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									16,900	13,100	10,700	11,000	8,500	7,100	7,800	6,000	5,000	6,700	5,200	4,300
	Lower (std. UC) 2 sets of stabilizers down									16,900	*22,400	12,100	10,900	*16,700	7,900	7,700	12,800	5,600	6,700	*7,100	4,800
-5.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									*22,400	*22,400	18,700	*16,700	*16,700	12,000	*14,000	*14,000	8,500	*7,100	*7,100	*7,100
	Lower (std. UC) 2 sets of stabilizers down									*22,400	*22,400	*22,400	*16,700	*16,700	14,900	*14,000	13,100	10,500	*7,100	*7,100	*7,100
-10.0 ft	Lower (std. UC) rear dozer up																				
	Lower (std. UC) rear dozer down																				
	Lower (std. UC) f. stabilizer & r. dozer down									*22,400	*22,400	19,400	*16,700	*16,700	12,400	*14,000	12,700	8,800	*7,100	*7,100	*7,100
	Lower (std. UC) 2 sets of stabilizers down									*22,400	*22,400	19,400	*16,700	*16,700	12,400	*14,000	12,700	8,800	*7,100	*7,100	*7,100

*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. 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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M322F 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 (7,720 lb), heavy lift on.



Load at maximum reach (stick nose/bucket pin)



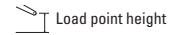
Load over front



Load over rear



Load over side



Long
Stick
9'6"

Load point height ft	Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft			25.0 ft			Load point height										
																	ft							
25.0 ft	Lower (std. UC) rear dozer up																	*6,900	*6,900	*6,900	21.13			
	Lower (std. UC) rear dozer down																	*6,900	*6,900	*6,900				
	Lower (std. UC) f. stabilizer & r. dozer down																	*6,900	*6,900	*6,900				
	Lower (std. UC) 2 sets of stabilizers down																	*6,900	*6,900	*6,900				
20.0 ft	Lower (std. UC) rear dozer up																	*6,100	*6,100	*5,300	24.93			
	Lower (std. UC) rear dozer down																	*6,100	*6,100	*5,900				
	Lower (std. UC) f. stabilizer & r. dozer down																	*6,100	*6,100	*6,100				
	Lower (std. UC) 2 sets of stabilizers down																	*6,100	*6,100	*6,100				
15.0 ft	Lower (std. UC) rear dozer up								11,600	9,100	7,700	8,000	6,200	5,200				*5,900	5,300	4,400	27.26			
	Lower (std. UC) rear dozer down								11,600	*14,300	8,500	8,000	*12,800	5,800				*5,900	*5,900	4,900				
	Lower (std. UC) f. stabilizer & r. dozer down								*14,300	*14,300	12,700	*12,800	*12,800	8,800				*5,900	*5,900	*5,900				
	Lower (std. UC) 2 sets of stabilizers down								*14,300	*14,300	*14,300	*12,800	*12,800	10,700				*5,900	*5,900	*5,900				
10.0 ft	Lower (std. UC) rear dozer up								17,200	13,300	10,900	11,000	8,600	7,100	7,800	6,000	5,000	*5,900	4,700	3,900	28.51			
	Lower (std. UC) rear dozer down								17,100	*21,200	12,300	11,000	*16,000	8,000	7,700	12,900	5,600	*5,900	*5,900	4,400				
	Lower (std. UC) f. stabilizer & r. dozer down								*21,200	*21,200	18,900	*16,000	*16,000	12,100	*13,500	*13,500	8,500	*5,900	*5,900	*5,900				
	Lower (std. UC) 2 sets of stabilizers down								*21,200	*21,200	*21,200	*16,000	*16,000	15,000	*13,500	13,100	10,500	*5,900	*5,900	*5,900				
5.0 ft	Lower (std. UC) rear dozer up								15,900	12,100	9,800	10,400	8,000	6,600	7,500	5,700	4,700	6,000	4,500	3,700	28.77			
	Lower (std. UC) rear dozer down								15,800	*24,600	11,100	10,400	*17,700	7,400	7,400	12,500	5,300	6,000	*6,100	4,200				
	Lower (std. UC) f. stabilizer & r. dozer down								*24,600	*24,600	17,600	*17,700	*17,700	11,500	*14,200	*14,200	8,200	*6,100	*6,100	*6,100				
	Lower (std. UC) 2 sets of stabilizers down								*24,600	*24,600	22,600	*17,700	*17,700	14,300	*14,200	12,800	10,200	*6,100	*6,100	*6,100				
0.0 ft	Lower (std. UC) rear dozer up								15,200	11,500	9,200	10,000	7,600	6,200	7,300	5,500	4,500	6,100	4,600	3,800	28.15			
	Lower (std. UC) rear dozer down								15,200	*25,700	10,500	10,000	17,600	7,000	7,200	12,300	5,100	6,100	*6,700	4,300				
	Lower (std. UC) f. stabilizer & r. dozer down								*25,700	*25,700	16,900	*18,500	*18,500	11,000	14,300	14,100	8,000	*6,700	*6,700	*6,700				
	Lower (std. UC) 2 sets of stabilizers down								*25,700	*25,700	21,900	*18,500	17,800	13,900	*14,400	12,600	9,900	*6,700	*6,700	*6,700				
-5.0 ft	Lower (std. UC) rear dozer up								*21,000	*21,000	16,900	15,000	11,300	9,000	9,800	7,400	6,000	7,200	5,400	4,400	26.51			
	Lower (std. UC) rear dozer down								*21,000	*21,000	19,700	15,000	*24,400	10,300	9,800	17,400	6,800	7,100	12,200	5,000		6,600	5,000	4,100
	Lower (std. UC) f. stabilizer & r. dozer down								*21,000	*21,000	*21,000	*24,400	*24,400	16,700	*18,000	*18,000	10,800	*13,500	*13,500	7,900		*7,700	*7,700	7,300
	Lower (std. UC) 2 sets of stabilizers down								*21,000	*21,000	*21,000	*24,400	*24,400	21,600	*18,000	17,500	13,600	*13,500	12,500	9,900		*7,700	*7,700	*7,700
-10.0 ft	Lower (std. UC) rear dozer up								*28,600	*28,600	17,300	15,200	11,400	9,200	9,900	7,500	6,100				7,900	6,000	4,900	23.69
	Lower (std. UC) rear dozer down								*28,600	*28,600	20,000	15,100	*21,100	10,400	9,800	*15,600	6,900				7,800	*9,700	5,600	
	Lower (std. UC) f. stabilizer & r. dozer down								*28,600	*28,600	*28,600	*21,100	*21,100	16,800	*15,600	*15,600	10,900				*9,700	*9,700	8,700	
	Lower (std. UC) 2 sets of stabilizers down								*28,600	*28,600	*28,600	*21,100	*21,100	*21,100	*15,600	*15,600	13,700				*9,700	*9,700	*9,700	
-15.0 ft	Lower (std. UC) rear dozer up																				*14,500	11,900	9,600	
	Lower (std. UC) rear dozer down																				*14,500	*14,500	10,900	
	Lower (std. UC) f. stabilizer & r. dozer down																				*14,500	*14,500	*14,500	
	Lower (std. UC) 2 sets of stabilizers down																				*14,500	*14,500	*14,500	

*Limited by hydraulic rather than tipping load.

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

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

M322F 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 (10,370 lb), 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
8'2"

Reach (ft)	Undercarriage configuration	10.0 ft			15.0 ft			20.0 ft			25.0 ft			Load point height			ft						
																							
25.0 ft	Lower (std. UC) rear dozer up																*8,400	*8,400	*8,400				
	Lower (std. UC) rear dozer down																	*8,400	*8,400	*8,400			
	Lower (std. UC) f. stabilizer & r. dozer down																	*8,400	*8,400	*8,400			
	Lower (std. UC) 2 sets of stabilizers down																	*8,400	*8,400	*8,400			
20.0 ft	Lower (std. UC) rear dozer up								13,500	11,000	9,300							*7,400	*7,400	7,000			
	Lower (std. UC) rear dozer down								13,500	*14,100	10,200							*7,400	*7,400	*7,400			
	Lower (std. UC) f. stabilizer & r. dozer down								*14,100	*14,100	*14,100							*7,400	*7,400	*7,400			
	Lower (std. UC) 2 sets of stabilizers down								*14,100	*14,100	*14,100							*7,400	*7,400	*7,400			
15.0 ft	Lower (std. UC) rear dozer up								13,200	10,600	9,000	9,200	7,400	6,300				*7,100	6,900	5,800			
	Lower (std. UC) rear dozer down								13,100	*15,100	9,900	9,200	*12,100	6,900				*7,100	*7,100	6,500			
	Lower (std. UC) f. stabilizer & r. dozer down								*15,100	*15,100	14,300	*12,100	*12,100	10,000				*7,100	*7,100	*7,100			
	Lower (std. UC) 2 sets of stabilizers down								*15,100	*15,100	*15,100	*12,100	*12,100	*12,100				*7,100	*7,100	*7,100			
10.0 ft	Lower (std. UC) rear dozer up								19,400	15,400	12,700	12,600	10,100	8,500	9,000	7,200	6,100		*7,100	6,200	5,300		
	Lower (std. UC) rear dozer down								19,400	*22,400	14,200	12,600	*16,700	9,400	9,000	*14,000	6,700		*7,100	*7,100	5,800		
	Lower (std. UC) f. stabilizer & r. dozer down								*22,400	*22,400	21,300	*16,700	*16,700	13,700	*14,000	*14,000	9,800		*7,100	*7,100	*7,100		
	Lower (std. UC) 2 sets of stabilizers down								*22,400	*22,400	*22,400	*16,700	*16,700	*16,700	*14,000	*14,000	11,900		*7,100	*7,100	*7,100		
5.0 ft	Lower (std. UC) rear dozer up								18,300	14,300	11,700	12,100	9,600	8,000	8,800	6,900	5,800		*7,400	6,000	5,000		
	Lower (std. UC) rear dozer down								18,200	*25,400	13,100	12,000	*18,200	8,900	8,700	14,300	6,500		*7,400	*7,400	5,600		
	Lower (std. UC) f. stabilizer & r. dozer down								*25,400	*25,400	20,100	*18,200	*18,200	13,200	*14,500	*14,500	9,600		*7,400	*7,400	*7,400		
	Lower (std. UC) 2 sets of stabilizers down								*25,400	*25,400	*25,400	*18,200	*18,200	16,300	*14,500	14,500	11,700		*7,400	*7,400	*7,400		
0.0 ft	Lower (std. UC) rear dozer up								17,800	13,800	11,300	11,700	9,200	7,700	8,600	6,800	5,700		7,800	6,100	5,100		
	Lower (std. UC) rear dozer down								17,700	*25,700	12,700	11,700	*18,700	8,500	8,600	14,100	6,300		7,800	*8,100	5,700		
	Lower (std. UC) f. stabilizer & r. dozer down								*25,700	*25,700	19,600	*18,700	*18,700	12,800	*14,400	*14,400	9,400		*8,100	*8,100	*8,100		
	Lower (std. UC) 2 sets of stabilizers down								*25,700	*25,700	25,000	*18,700	*18,700	15,900	*14,400	14,300	11,500		*8,100	*8,100	*8,100		
-5.0 ft	Lower (std. UC) rear dozer up								*22,200	*22,200	20,900	17,700	13,700	11,200	11,600	9,100	7,500	8,600	6,700	5,700	8,500	6,700	5,600
	Lower (std. UC) rear dozer down								*22,200	*22,200	*22,200	17,600	*23,800	12,600	11,600	*17,700	8,400	8,600	*11,300	6,300	8,500	*9,500	6,300
	Lower (std. UC) f. stabilizer & r. dozer down								*22,200	*22,200	*22,200	*23,800	*23,800	19,500	*17,700	*17,700	12,700	*11,300	*11,300	9,400	*9,500	*9,500	9,300
	Lower (std. UC) 2 sets of stabilizers down								*22,200	*22,200	*22,200	*23,800	*23,800	*23,800	*17,700	*17,700	15,700	*11,300	*11,300	*11,300	*9,500	*9,500	*9,500
-10.0 ft	Lower (std. UC) rear dozer up								*25,700	*25,700	21,200	17,900	13,900	11,400	11,800	9,200	7,700				10,300	8,100	6,800
	Lower (std. UC) rear dozer down								*25,700	*25,700	24,300	17,800	*19,800	12,800	11,700	*14,500	8,600				10,300	*11,800	7,600
	Lower (std. UC) f. stabilizer & r. dozer down								*25,700	*25,700	*25,700	*19,800	*19,800	19,700	*14,500	*14,500	12,900				*11,800	*11,800	11,200
	Lower (std. UC) 2 sets of stabilizers down								*25,700	*25,700	*25,700	*19,800	*19,800	*19,800	*14,500	*14,500	*14,500				*11,800	*11,800	*11,800

*Limited by hydraulic rather than tipping load.

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

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

M322F 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 (10,370 lb), heavy lift on.

Long Stick 9'6"	Load at maximum reach (stick nose/bucket pin)	Load over front	Load over rear	Load over side	Load point height	Lift Capacity (lb)												
						10.0 ft			15.0 ft			20.0 ft			25.0 ft			ft
Diagram	Undercarriage configuration	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram	Diagram
25.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
20.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
15.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
10.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
5.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
0.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
-5.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
-10.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	
-15.0 ft	Lower (std. UC) rear dozer up																	
	Lower (std. UC) rear dozer down																	
	Lower (std. UC) f. stabilizer & r. dozer down																	
	Lower (std. UC) 2 sets of stabilizers down																	

*Limited by hydraulic rather than tipping load.

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

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