

# M322F

Wheeled Excavator



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

















Long Stick – 2900 mm ..... 10



# 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			 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	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.

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



















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