

MH3022

Wheeled Material Handler



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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, without bucket, with counterweight (4200 kg), heavy lift on.



Undercarriage

MH (2.75 m) or MH Narrow (2.55 m)

Boom

6.4 m MH

Stick

4.9 m MH

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm			Load at maximum reach (sticknose/bucket pin)			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 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						
10 500 mm	SA – 2 sets stabilizers up							6250	6250	4750													5200	5200	3950	6700		
	SA – 2 sets stabilizers down							*6500	*6500	*6500													*5250	*5250	*5250			
	Narrow – 2 sets stabilizers up							5650	5650	4250													4750	4750	3550			
	Narrow – 2 sets stabilizers down							*6450	*6450	*6450													*5300	*5300	*5300			
9000 mm	SA – 2 sets stabilizers up							6350	6350	4850	4450	4450	3400											3700	3700	2800	8320	
	SA – 2 sets stabilizers down							*7850	*7850	*7850	*6300	*6300	*6300											*4700	*4700	*4700		
	Narrow – 2 sets stabilizers up							5800	5800	4350	4050	4050	3000											3400	3400	2500		
	Narrow – 2 sets stabilizers down							*7850	*7850	7600	*6250	*6250	5300											*4700	*4700	4450		
7500 mm	SA – 2 sets stabilizers up							6350	6350	4850	4450	4450	3400	3300	3300	2500								3050	3050	2300	9420	
	SA – 2 sets stabilizers down							*8200	*8200	*8200	*7100	*7100	6900	*5500	*5500	5100								*4400	*4400	*4400		
	Narrow – 2 sets stabilizers up							5800	5800	4350	4050	4050	3050	3000	3000	2200								2750	2750	2050		
	Narrow – 2 sets stabilizers down							*8150	*8150	7600	*7100	*7100	5300	5450	5450	3950								*4400	*4400	3650		
6000 mm	SA – 2 sets stabilizers up							6250	6250	4750	4400	4400	3350	3300	3300	2500								2700	2700	2000	10 180	
	SA – 2 sets stabilizers down							*8400	*8400	*8400	*7200	*7200	6800	*6200	*6200	5100								*4300	*4300	4150		
	Narrow – 2 sets stabilizers up							5700	5700	4250	4000	4000	3000	3000	3000	2200								2400	2400	1750		
	Narrow – 2 sets stabilizers down							*8400	*8400	7500	*7200	*7200	5250	5450	5450	3900								*4300	*4300	3200		
4500 mm	SA – 2 sets stabilizers up				9450	9450	7000	6000	6000	4550	4300	4300	3250	3250	3250	2450	2500	2500	1850	2450	2450	1800			2450	2450	1800	10 680
	SA – 2 sets stabilizers down				*11 150	*11 150	*11 150	*8900	*8900	*8900	*7350	*7350	6700	6200	6200	5000	4850	4850	3950	*4300	*4300	3850			*4300	*4300	3850	
	Narrow – 2 sets stabilizers up				8550	8550	6250	5450	5450	4050	3900	3900	2850	2900	2900	2150	2250	2250	1650	2200	2200	1600			2200	2200	1600	
	Narrow – 2 sets stabilizers down				*11 150	*11 150	*11 150	*8850	*8850	7250	7150	7150	5100	5350	5350	3850	4200	4200	3000	4100	4100	2950			4100	4100	2950	
3000 mm	SA – 2 sets stabilizers up	17 550	17 550	11 900	8800	8800	6450	5700	5700	4250	4100	4100	3100	3150	3150	2350	2500	2500	1850	2350	2350	1700			2350	2350	1700	10 940
	SA – 2 sets stabilizers down	*18 550	*18 550	*18 550	*12 350	*12 350	*12 350	*9350	*9350	9250	*7550	*7550	6500	6050	6050	4950	4800	4800	3900	*4400	*4400	3650			*4400	*4400	3650	
	Narrow – 2 sets stabilizers up	15 550	15 550	10 400	7950	7950	5700	5150	5150	3750	3700	3700	2700	2850	2850	2050	2250	2250	1600	2100	2100	1500			2100	2100	1500	
	Narrow – 2 sets stabilizers down	*18 500	*18 500	*18 500	*12 350	*12 350	11 000	*9350	*9350	6950	7000	7000	4950	5250	5250	3750	4150	4150	3000	3900	3900	2800			3900	3900	2800	
1500 mm	SA – 2 sets stabilizers up				8150	8150	5850	5400	5400	3950	3950	3950	2900	3050	3050	2250	2450	2450	1800	2300	2300	1650			2300	2300	1650	11 000
	SA – 2 sets stabilizers down				*13 000	*13 000	*13 000	*9550	*9550	8850	*7500	*7500	6300	5950	5950	4800	*4700	*4700	3850	*4100	*4100	3600			*4100	*4100	3600	
	Narrow – 2 sets stabilizers up				7300	7300	5100	4850	4850	3500	3550	3550	2550	2750	2750	1950	2200	2200	1550	2050	2050	1450			2050	2050	1450	
	Narrow – 2 sets stabilizers down				*13 000	*13 000	10 250	*9550	*9550	6600	6800	6800	4750	5150	5150	3650	4100	4100	2950	3850	3850	2750			3850	3850	2750	
0 mm	SA – 2 sets stabilizers up	*3500	*3500	*3500	7700	7700	5400	5150	5150	3700	3800	3800	2800	2950	2950	2150	2400	2400	1750									
	SA – 2 sets stabilizers down	*3500	*3500	*3500	*12 200	*12 200	*12 200	*9150	*9150	8600	*7150	*7150	6150	*5550	*5550	4750	*4050	*4050	3800									
	Narrow – 2 sets stabilizers up	*3500	*3500	*3500	6850	6850	4700	4600	4600	3250	3400	3400	2400	2650	2650	1900	2150	2150	1500									
	Narrow – 2 sets stabilizers down	*3500	*3500	*3500	*12 350	*12 350	9750	*9200	*9200	6300	6600	6600	4600	5050	5050	3600	*4050	*4050	2900									
-1500 mm	SA – 2 sets stabilizers up				7450	7450	5200	5000	5000	3600	3700	3700	2700	2900	2900	2100												
	SA – 2 sets stabilizers down				*9600	*9600	*9600	*8000	*8000	*8000	*6200	*6200	6050	*4650	*4650	*4650												
	Narrow – 2 sets stabilizers up				6650	6650	4500	4450	4450	3100	3300	3300	2350	2600	2600	1850												
	Narrow – 2 sets stabilizers down				*9600	*9600	9500	*8000	*8000	6150	*6250	*6250	4500	*4700	*4700	3550												

*Limited by hydraulic rather than tipping load.


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


MH3022 Wheeled Material Handler Lift Charts

Lift Capacities


All values are in kg, bucket cylinder and linkage installed, without bucket, with counterweight (4200 kg), heavy lift on.

 Load point height

 Load over front

 Load over rear

 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage













MH (2.75 m) or MH Narrow (2.55 m)

Boom

6.4 m MH

Stick

4.2 m Straight Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			Load at maximum reach (sticknose/bucket pin)			mm
																				
9000 mm	SA – 2 sets stabilizers up							5900	5900	4400							4050	4050	3000	7420
	SA – 2 sets stabilizers down							*8100	*8100	*8100							*5300	*5300	*5300	
	Narrow – 2 sets stabilizers up							5350	5350	3900							3700	3700	2650	
	Narrow – 2 sets stabilizers down							*8050	*8050	7150							*5300	*5300	4950	
7500 mm	SA – 2 sets stabilizers up							5900	5900	4400	4050	4050	3000				3150	3150	2250	8640
	SA – 2 sets stabilizers down							*8250	*8250	*8250	*7000	*7000	6450				*4900	*4900	*4900	
	Narrow – 2 sets stabilizers up							5350	5350	3950	3650	3650	2650				2800	2800	2000	
	Narrow – 2 sets stabilizers down							*8250	*8250	7150	6950	6950	4900				*4900	*4900	3800	
6000 mm	SA – 2 sets stabilizers up				9350	9350	6900	5800	5800	4300	4000	4000	2950	2900	2900	2100	2650	2650	1900	9460
	SA – 2 sets stabilizers down				*10 600	*10 600	*10 600	*8500	*8500	*8500	*7050	*7050	6400	5850	5850	4700	*4750	*4750	4300	
	Narrow – 2 sets stabilizers up				8450	8450	6100	5250	5250	3800	3600	3600	2600	2600	2600	1800	2350	2350	1650	
	Narrow – 2 sets stabilizers down				*10 600	*10 600	*10 600	*8450	*8450	7050	6900	6900	4850	5050	5050	3550	4600	4600	3250	
4500 mm	SA – 2 sets stabilizers up	*14 500	*14 500	12 500	8850	8850	6450	5550	5550	4100	3900	3900	2850	2850	2850	2050	2350	2350	1650	10 000
	SA – 2 sets stabilizers down	*14 500	*14 500	*14 500	*11 500	*11 500	*11 500	*8850	*8850	*8850	*7150	*7150	6250	5800	5800	4650	*4750	*4750	3900	
	Narrow – 2 sets stabilizers up	*14 250	*14 250	10 950	8000	8000	5700	5000	5000	3600	3500	3500	2500	2550	2550	1750	2100	2100	1400	
	Narrow – 2 sets stabilizers down	*14 250	*14 250	*14 250	*11 500	*11 500	11 100	*8850	*8850	6800	6750	6750	4700	5000	5000	3500	4200	4200	2900	
3000 mm	SA – 2 sets stabilizers up				8200	8200	5850	5250	5250	3800	3700	3700	2700	2800	2800	2000	2200	2200	1550	10 280
	SA – 2 sets stabilizers down				*12 450	*12 450	*12 450	*9200	*9200	8750	*7200	*7200	6100	5700	5700	4550	*4500	*4500	3700	
	Narrow – 2 sets stabilizers up				7350	7350	5100	4700	4700	3350	3350	3350	2350	2450	2450	1700	1950	1950	1300	
	Narrow – 2 sets stabilizers down				*12 400	*12 400	10 350	*9150	*9150	6450	6600	6600	4550	4900	4900	3400	3950	3950	2750	
1500 mm	SA – 2 sets stabilizers up				7550	7550	5300	4950	4950	3550	3550	3550	2550	2700	2700	1900	2150	2150	1500	10 340
	SA – 2 sets stabilizers down				*12 450	*12 450	*12 450	*9100	*9100	8400	*7000	*7000	5900	*5450	*5450	4450	*3950	*3950	3600	
	Narrow – 2 sets stabilizers up				6700	6700	4550	4400	4400	3050	3150	3150	2200	2400	2400	1600	1900	1900	1250	
	Narrow – 2 sets stabilizers down				*12 500	*12 500	9650	*9100	*9100	6150	6400	6400	4400	4800	4800	3300	3900	3900	2650	
0 mm	SA – 2 sets stabilizers up				7200	7200	4950	4750	4750	3350	3450	3450	2400	2650	2650	1850				
	SA – 2 sets stabilizers down				*9400	*9400	*9400	*8350	*8350	8150	*6400	*6400	5800	*4800	*4800	4400				
	Narrow – 2 sets stabilizers up				6350	6350	4250	4200	4200	2850	3050	3050	2050	2350	2350	1550				
	Narrow – 2 sets stabilizers down				*9450	*9450	9250	*8400	*8400	5900	6250	6250	4250	4750	4750	3250				

*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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MH3022 Wheeled Material Handler Lift Charts


Lift Capacities


All values are in kg, bucket cylinder and linkage installed, without bucket, with counterweight (4200 kg), heavy lift on.

 Load point height

 Load over front

 Load over rear














 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage Standard

Boom 6.4 m MH

Stick 4.2 m Straight Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			mm				
																		mm			
9000 mm	Front stabilizer and rear dozer up							5800		4200							3950	2850	7420		
	Front stabilizer and rear dozer down							*8100	*8100	6650							*5300	*5300		4550	
	2 sets stabilizers up							5950		4250							4050			2900	
	2 sets stabilizers down							*8100		7950							*5300			*5300	
	Front dozer and rear stabilizer up							6000		4200							4100			2850	
	Front dozer and rear stabilizer down							*8100	*8100	6800							*5300	*5300		4650	
7500 mm	Front stabilizer and rear dozer up							5800		4250			3950				3000		2150		
	Front stabilizer and rear dozer down							*8250	*8250	6650	*7000	*7000	4550				*4900	*4900	3500		
	2 sets stabilizers up							5950		4250			4050				3100		2200		
	2 sets stabilizers down							*8250		7950	*7000		5400				*4900		4200		
	Front dozer and rear stabilizer up							6000		4250			4100				3150		2150		
	Front dozer and rear stabilizer down							*8250	*8250	6850	*7000	6550	4650				*4900	*4900	3600		
6000 mm	Front stabilizer and rear dozer up					9250		6600		5650			4100			2800	2550		1800		
	Front stabilizer and rear dozer down				*10 600	*10 600	*10 600	*8500		6550	*7050	*7050	4500	5500	5400	3300	*4750	*4750	3000		
	2 sets stabilizers up				9500		6650	5850		4150			4000			2850	2900		1800		
	2 sets stabilizers down				*10 600		*10 600	*8500		7800	*7050		5350	5650		3900	*4750		3600		
	Front dozer and rear stabilizer up				9550		6600	5850		4100			4050			2800	2900		1800		
	Front dozer and rear stabilizer down				*10 600	*10 600	*10 600	*8500	*8500	6700	*7050	6450	4600	*5900	4750	3350	*4750	4300	3050		
4500 mm	Front stabilizer and rear dozer up	*14 500			12 000		8750		6150			5450			3900	3750		2700	2750	1550	
	Front stabilizer and rear dozer down	*14 500	*14 500		*14 500	*11 500	*11 500	*10 200	*8850	*8850		6300	*7150	*7150	4400	5450	5350	1950	2250	2700	
	2 sets stabilizers up	*14 500			12 100		9000		6250			5600			3950	3900		2700	2850	1600	
	2 sets stabilizers down	*14 500			*14 500	*11 500	*11 500	*11 500	*8850			7550	*7150		5250	5600		3850	4700	3250	
	Front dozer and rear stabilizer up	*14 500			12 000		9050		6150			5650			3900	3900		2700	2900	1550	
	Front dozer and rear stabilizer down	*14 500	*14 500	*14 500	*11 500	*11 500	10 500	*8850	*8850	6450	*7150	6350	4450	*5850	4700	3300	*4750	3900	2750		
3000 mm	Front stabilizer and rear dozer up					8050		5550		5150			3600	3600		2550	2700		1850	2150	1450
	Front stabilizer and rear dozer down				*12 450	*12 450	9500	*9200	*9200	6000	*7200	7100	4200	5350	5250	1850	2150	4300	4250	2500	
	2 sets stabilizers up				8300		5650	5300		3650			3750			2550	2800		1900	2200	1450
	2 sets stabilizers down				*12 450		11 700	*9200		7200	*7200		5050	5500		3800	4450		3800	4450	3050
	Front dozer and rear stabilizer up				8350		5550	5300		3600			3750			2550	2800		1850	2250	1450
	Front dozer and rear stabilizer down				*12 450	*12 450	9750	*9200	8900	6150	*7200	6150	4300	*5750	4600	3200	*4500	3700		2600	
1500 mm	Front stabilizer and rear dozer up					7450		5000		4800			3350	3450		2400	2600		1800	2050	1400
	Front stabilizer and rear dozer down				*12 450	*12 450	8800	*9100	*9100	5650	*7000	6900	4050	5250	5200	3050	*3950	*3950		2450	
	2 sets stabilizers up				7650		5050	5000		3400			3550			2400	2700		1800	2150	1400
	2 sets stabilizers down				*12 450		11 000	*9100		6900	*7000		4900	5400		3700	*3950		3700	*3950	3000
	Front dozer and rear stabilizer up				7700		5000	5000		3350			3600			2400	2700		1800	2150	1400
	Front dozer and rear stabilizer down				*12 450	*12 450	9100	*9100	8550	5800	*7000	6000	4150	*5450	4500	3150	*3950	3600		2500	
0 mm	Front stabilizer and rear dozer up					7050		4650		4600			3150	3300		2250	2550		1700		
	Front stabilizer and rear dozer down				*9400	*9400	8450	*8350	*8350	5450	*6400	*6400	3900	*4800	*4800				3000		
	2 sets stabilizers up				7300		4750	4750		3200			3450			2300	2650		1750		
	2 sets stabilizers down				*9400		*9400	*8350		6650	*6400		4750			*4800			3650		
	Front dozer and rear stabilizer up				7350		4650	4800		3150			3450			2250	2650		1700		
	Front dozer and rear stabilizer down				*9400	*9400	8700	*8350	8300	5600	*6400	5850	4000	*4800	4450	3050					

*Limited by hydraulic rather than tipping load.


Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. 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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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities


All values are in kg, without bucket, with counterweight (4200 kg), heavy lift on.

 Load point height

 Load over front

 Load over rear

 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage














MH (2.75 m) or MH Narrow (2.55 m)

Boom

5.35 m MH

Stick

4.9 m MH

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm						mm
																				
10 500 mm	SA – 2 sets stabilizers up				*6800	*6800	*6800										*6150	*6150	*6150	4830
	SA – 2 sets stabilizers down				*6800	*6800	*6800										*6150	*6150	*6150	
	Narrow – 2 sets stabilizers up				*6750	*6750	6400										*6200	*6200	5850	
	Narrow – 2 sets stabilizers down				*6750	*6750	*6750										*6200	*6200	*6200	
9000 mm	SA – 2 sets stabilizers up							6250	6250	4800							5000	5000	3800	6910
	SA – 2 sets stabilizers down							*6800	*6800	*6800							*5000	*5000	*5000	
	Narrow – 2 sets stabilizers up							5700	5700	4300							4550	4550	3400	
	Narrow – 2 sets stabilizers down							*6750	*6750	*6750							*5000	*5000	*5000	
7500 mm	SA – 2 sets stabilizers up							6350	6350	4850	4450	4450	3400				3850	3850	2900	8210
	SA – 2 sets stabilizers down							*8000	*8000	*8000	*6200	*6200	*6200				*4550	*4550	*4550	
	Narrow – 2 sets stabilizers up							5800	5800	4350	4050	4050	3050				3500	3500	2600	
	Narrow – 2 sets stabilizers down							*8000	*8000	7600	*6200	*6200	5300				*4550	*4550	*4550	
6000 mm	SA – 2 sets stabilizers up							6300	6300	4850	4450	4450	3400	3300	3300	2500	3250	3250	2500	9080
	SA – 2 sets stabilizers down							*8400	*8400	*8400	*7400	*7400	6850	*4600	*4600	*4600	*4350	*4350	*4350	
	Narrow – 2 sets stabilizers up							5750	5750	4350	4050	4050	3050	3000	3000	2250	2950	2950	2200	
	Narrow – 2 sets stabilizers down							*8400	*8400	7550	7350	7350	5300	*4550	*4550	3950	*4350	*4350	3900	
4500 mm	SA – 2 sets stabilizers up							6150	6150	4700	4400	4400	3350	3300	3300	2500	2950	2950	2250	9630
	SA – 2 sets stabilizers down							*8800	*8800	*8800	*7500	*7500	6800	6250	6250	5100	*4300	*4300	*4300	
	Narrow – 2 sets stabilizers up							5600	5600	4200	4000	4000	3000	3000	3000	2200	2700	2700	1950	
	Narrow – 2 sets stabilizers down							*8800	*8800	7400	7250	7250	5200	5450	5450	3950	*4300	*4300	3550	
3000 mm	SA – 2 sets stabilizers up				9250	9250	6850	5950	5950	4500	4250	4250	3250	3250	3250	2450	2800	2800	2100	9930
	SA – 2 sets stabilizers down				*11 850	*11 850	*11 850	*9350	*9350	*9350	*7700	*7700	6650	6150	6150	5050	*4350	*4350	4350	
	Narrow – 2 sets stabilizers up				8400	8400	6100	5400	5400	4000	3850	3850	2850	2950	2950	2150	2550	2550	1850	
	Narrow – 2 sets stabilizers down				*11 800	*11 800	11 500	*9350	*9350	7200	7150	7150	5100	5350	5350	3850	*4350	*4350	3350	
1500 mm	SA – 2 sets stabilizers up	17 100	17 100	11 550	8700	8700	6350	5700	5700	4250	4150	4150	3100	3200	3200	2400	2750	2750	2050	9990
	SA – 2 sets stabilizers down	*19 950	*19 950	*19 950	*13 050	*13 050	*13 050	*9750	*9750	9200	*7700	*7700	6500	6100	6100	4950	*4550	*4550	4250	
	Narrow – 2 sets stabilizers up	15 150	15 150	10 100	7850	7850	5600	5150	5150	3750	3750	3750	2750	2850	2850	2100	2450	2450	1800	
	Narrow – 2 sets stabilizers down	*19 900	*19 900	*19 900	*13 050	*13 050	10 850	*9750	*9750	6900	7000	7000	4950	5300	5300	3800	4550	4550	3250	
0 mm	SA – 2 sets stabilizers up	*8150	*8150	*8150	8250	8250	5900	5450	5450	4000	4000	4000	3000	3100	3100	2350				
	SA – 2 sets stabilizers down	*8150	*8150	*8150	*13 150	*13 150	*13 150	*9600	*9600	8900	*7350	*7350	6350	*5500	*5500	4900				
	Narrow – 2 sets stabilizers up	*8250	*8250	*8250	7350	7350	5200	4900	4900	3550	3600	3600	2650	2800	2800	2050				
	Narrow – 2 sets stabilizers down	*8250	*8250	*8250	*13 150	*13 150	10 350	*9650	*9650	6650	6850	6850	4800	5250	5250	3750				
-1500 mm	SA – 2 sets stabilizers up	*7250	*7250	*7250	7950	7950	5700	5300	5300	3900	3950	3950	2900							
	SA – 2 sets stabilizers down	*7250	*7250	*7250	*11 600	*11 600	*11 600	*8550	*8550	*8550	*6350	*6350	6250							
	Narrow – 2 sets stabilizers up	*7250	*7250	*7250	7100	7100	4950	4750	4750	3400	3550	3550	2550							
	Narrow – 2 sets stabilizers down	*7250	*7250	*7250	*11 650	*11 650	10 050	*8600	*8600	6500	*6350	*6350	4750							

*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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MH3022 Wheeled Material Handler Lift Charts


Lift Capacities


All values are in kg, bucket cylinder and linkage installed, without bucket, with counterweight (4200 kg), heavy lift on.

 Load point height

 Load over front

 Load over rear

 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage



















MH (2.75 m) or MH Narrow (2.55 m)

Boom

5.35 m MH

Stick

4.2 m Straight Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			Load at maximum reach (sticknose/bucket pin)			mm
																				
9000 mm	SA – 2 sets stabilizers up				*8550	*8550	6950										*5750	*5750	4400	5900
	SA – 2 sets stabilizers down				*8550	*8550	*8550										*5750	*5750	*5750	
	Narrow – 2 sets stabilizers up				*8500	*8500	6200										5400	5400	3950	
	Narrow – 2 sets stabilizers down				*8500	*8500	*8500										*5800	*5800	*5800	
7500 mm	SA – 2 sets stabilizers up							5900	5900	4450							4150	4150	3050	7380
	SA – 2 sets stabilizers down							*8250	*8250	*8250							*5100	*5100	*5100	
	Narrow – 2 sets stabilizers up							5350	5350	3950							3750	3750	2700	
	Narrow – 2 sets stabilizers down							*8200	*8200	7150							*5100	*5100	5000	
6000 mm	SA – 2 sets stabilizers up							5900	5900	4400	4050	4050	3000				3350	3350	2450	8340
	SA – 2 sets stabilizers down							*8600	*8600	*8600	*7300	*7300	6450				*4800	*4800	*4800	
	Narrow – 2 sets stabilizers up							5350	5350	3900	3650	3650	2650				3050	3050	2150	
	Narrow – 2 sets stabilizers down							*8600	*8600	7100	6950	6950	4900				*4800	*4800	4050	
4500 mm	SA – 2 sets stabilizers up				9200	9200	6750	5750	5750	4250	4000	4000	2950				2950	2950	2150	8940
	SA – 2 sets stabilizers down				*11 100	*11 100	*11 100	*8900	*8900	*8900	*7350	*7350	6400				*4750	*4750	*4750	
	Narrow – 2 sets stabilizers up				8300	8300	6000	5200	5200	3800	3600	3600	2600				2650	2650	1850	
	Narrow – 2 sets stabilizers down				*11 050	*11 050	*11 050	*8900	*8900	7000	6850	6850	4850				*4750	*4750	3600	
3000 mm	SA – 2 sets stabilizers up	17 750	17 750	12 050	8700	8700	6300	5500	5500	4050	3900	3900	2850	2900	2900	2100	2750	2750	2000	9260
	SA – 2 sets stabilizers down	*18 000	*18 000	*18 000	*12 250	*12 250	*12 250	*9300	*9300	9050	*7400	*7400	6250	*5750	*5750	4650	*4850	*4850	4450	
	Narrow – 2 sets stabilizers up	15 750	15 750	10 550	7850	7850	5600	4950	4950	3600	3500	3500	2500	2600	2600	1800	2450	2450	1700	
	Narrow – 2 sets stabilizers down	*17 950	*17 950	*17 950	*12 200	*12 200	10 900	*9300	*9300	6750	6750	6750	4700	5000	5000	3500	4800	4800	3350	
1500 mm	SA – 2 sets stabilizers up	*11 900	*11 900	10 650	8150	8150	5850	5250	5250	3850	3750	3750	2750	2850	2850	2050	2700	2700	1950	9320
	SA – 2 sets stabilizers down	*11 900	*11 900	*11 900	*12 950	*12 950	*12 950	*9450	*9450	8750	*7250	*7250	6150	*5300	*5300	4600	*4750	*4750	4400	
	Narrow – 2 sets stabilizers up	*12 350	*12 350	9200	7300	7300	5100	4750	4750	3350	3350	3350	2400	2550	2550	1750	2400	2400	1650	
	Narrow – 2 sets stabilizers down	*12 350	*12 350	*12 350	*12 950	*12 950	10 300	*9450	*9450	6450	6600	6600	4600	4950	4950	3450	4700	4700	3300	
0 mm	SA – 2 sets stabilizers up	*6250	*6250	*6250	7750	7750	5450	5050	5050	3650	3650	3650	2650							
	SA – 2 sets stabilizers down	*6250	*6250	*6250	*12 250	*12 250	*12 250	*8900	*8900	8500	*6600	*6600	6000							
	Narrow – 2 sets stabilizers up	*6250	*6250	*6250	6900	6900	4750	4550	4550	3150	3250	3250	2300							
	Narrow – 2 sets stabilizers down	*6250	*6250	*6250	*12 300	*12 300	9850	*8900	*8900	6250	6500	6500	4500							
-1500 mm	SA – 2 sets stabilizers up				7600	7600	5300	4950	4950	3550										
	SA – 2 sets stabilizers down				*9850	*9850	*9850	*7300	*7300	*7300										
	Narrow – 2 sets stabilizers up				6700	6700	4550	4400	4400	3050										
	Narrow – 2 sets stabilizers down				*9950	*9950	9650	*7350	*7350	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. 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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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, without bucket, with counterweight (4200 kg), heavy lift on.



Undercarriage Standard

Boom 5.35 m MH

Stick 4.2 m Straight Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			mm		
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side			
9000 mm	Front stabilizer and rear dozer up				*8550		6700										*5750		4200
	Front stabilizer and rear dozer down				*8550	*8550	*8550										*5750	*5750	*5750
	2 sets stabilizers up				*8550		6750										*5750		4250
	2 sets stabilizers down				*8550		*8550										*5750		*5750
	Front dozer and rear stabilizer up				*8550		6700										*5750		4200
	Front dozer and rear stabilizer down				*8550	*8550	*8550										*5750	*5750	*5750
7500 mm	Front stabilizer and rear dozer up							5800		4250							4000		2900
	Front stabilizer and rear dozer down							*8250	*8250	6650							*5100	*5100	4650
	2 sets stabilizers up							5950		4300							4150		2950
	2 sets stabilizers down							*8250		7950							*5100		*5100
	Front dozer and rear stabilizer up							6000		4250							4150		2900
	Front dozer and rear stabilizer down							*8250	*8250	6800							*5100	*5100	4750
6000 mm	Front stabilizer and rear dozer up							5750		4200	3950		2850				3250		2350
	Front stabilizer and rear dozer down							*8600	*8600	6600	*7300	*7300	4550				*4800	*4800	3800
	2 sets stabilizers up							5900		4250	4050		2900				3350		2350
	2 sets stabilizers down							*8600		7900	*7300		5400				*4800		4500
	Front dozer and rear stabilizer up							5950		4200	4100		2850				3400		2350
	Front dozer and rear stabilizer down							*8600	*8600	6800	*7300	6500	4650				*4800	*4800	3850
4500 mm	Front stabilizer and rear dozer up				9100		6500	5600		4100	3900		2800				2850		2050
	Front stabilizer and rear dozer down				*11 100	*11 100	10 550	*8900	*8900	6500	*7350	*7350	4500				*4750	*4750	3350
	2 sets stabilizers up				9350		6550	5800		4100	4000		2850				2950		2050
	2 sets stabilizers down				*11 100		*11 100	*8900		7750	*7350		5350				*4750		4000
	Front dozer and rear stabilizer up				9400		6500	5800		4100	4050		2800				3000		2050
	Front dozer and rear stabilizer down				*11 100	*11 100	10 850	*8900	*8900	6650	*7350	6450	4600				*4750	*4750	3400
3000 mm	Front stabilizer and rear dozer up	18 000		11 550	8600		6050	5400		3850	3750		2700	2800		1950	2650		1850
	Front stabilizer and rear dozer down	*18 000	*18 000	*18 000	*12 250	*12 250	10 000	*9300	*9300	6250	7400	7250	4400	5450	5400	3250	*4850	*4850	3100
	2 sets stabilizers up	18 000		11 700	8850		6100	5550		3900	3900		2750	2900		2000	2750		1900
	2 sets stabilizers down	*18 000		*18 000	*12 250		*12 250	*9300		7500	*7400		5250	5600		3900	*4850		3700
	Front dozer and rear stabilizer up	18 000		11 550	8900		6050	5600		3850	3900		2700	2900		1950	2750		1850
	Front dozer and rear stabilizer down	*18 000	*18 000	*18 000	*12 250	*12 250	10 300	*9300	9200	6400	*7400	6350	4500	*5750	4700	3350	*4850	4500	3200
1500 mm	Front stabilizer and rear dozer up	*11 900		10 150	8050		5550	5150		3650	3650		2600	2750		1950	2600		1800
	Front stabilizer and rear dozer down	*11 900	*11 900	*11 900	*12 950	*12 950	9450	*9450	*9450	6000	*7250	7100	4250	*5300	*5300	3200	*4750	*4750	3050
	2 sets stabilizers up	*11 900		10 300	8250		5600	5300		3700	3750		2600	2850		1950	2700		1850
	2 sets stabilizers down	*11 900		*11 900	*12 950		11 650	*9450		7200	*7250		5100	*5300		3850	*4750		3650
	Front dozer and rear stabilizer up	*11 900		10 150	8300		5550	5350		3650	3800		2600	2850		1950	2700		1800
	Front dozer and rear stabilizer down	*11 900	*11 900	*11 900	*12 950	*12 950	9700	*9450	8900	6150	*7250	6200	4350	*5300	4650	3300	*4750	4400	3100
0 mm	Front stabilizer and rear dozer up	*6250		*6250	7600		5200	4950		3450	3550		2500						
	Front stabilizer and rear dozer down	*6250	*6250	*6250	*12 250	*12 250	9000	*8900	*8900	5800	*6600	*6600	4150						
	2 sets stabilizers up	*6250		*6250	7850		5250	5100		3500	3650		2550						
	2 sets stabilizers down	*6250		*6250	*12 250		11 200	*8900		7000	*6600		5000						
	Front dozer and rear stabilizer up	*6250		*6250	7900		5200	5150		3450	3700		2500						
	Front dozer and rear stabilizer down	*6250	*6250	*6250	*12 250	*12 250	9300	*8900	8650	5900	*6600	6050	4250						
-1500 mm	Front stabilizer and rear dozer up				7450		5000	4800		3450									
	Front stabilizer and rear dozer down				*9850	*9850	8800	*7300	*7300	5650									
	2 sets stabilizers up				7700		5100	5000		3400									
	2 sets stabilizers down				*9850		*9850	*7300		6900									
	Front dozer and rear stabilizer up				7750		5000	5000		3350									
	Front dozer and rear stabilizer down				*9850	*9850	9100	*7300	*7300	5800									

*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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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in lb, bucket cylinder and linkage installed, without bucket, with counterweight (9,260 lb), heavy lift on.



Undercarriage

MH (9'0") or MH Narrow (8'4")

Boom

21'0" MH

Stick

13'9" Straight Stick

T	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			30 ft			ft			
30 ft	SA – 2 sets stabilizers up							12,500	12,500	9,300							9,100	9,100	6,700	
	SA – 2 sets stabilizers down							*17,100	*17,100	*17,100							*11,800	*11,800	*11,800	
	Narrow – 2 sets stabilizers up							11,300	11,300	8,300							8,300	8,300	6,000	
	Narrow – 2 sets stabilizers down							*17,100	*17,100	15,100							*11,800	*11,800	11,100	
25 ft	SA – 2 sets stabilizers up							12,600	12,600	9,400	8,600	8,600	6,300				6,900	6,900	5,000	
	SA – 2 sets stabilizers down							*18,000	*18,000	*18,000	*15,200	*15,200	13,700				*10,900	*10,900	*10,900	
	Narrow – 2 sets stabilizers up							11,400	11,400	8,300	7,700	7,700	5,500				6,200	6,200	4,400	
	Narrow – 2 sets stabilizers down							*18,000	*18,000	15,200	14,800	14,800	10,400				*10,900	*10,900	8,400	
20 ft	SA – 2 sets stabilizers up					19,900	19,900	14,700	12,300	12,300	9,200	8,500	8,500	6,200	6,100	6,100	4,400	5,800	5,800	4,100
	SA – 2 sets stabilizers down					*23,000	*23,000	*23,000	*18,400	*18,400	*18,400	*15,300	*15,300	13,600	12,400	12,400	10,000	*10,500	*10,500	9,500
	Narrow – 2 sets stabilizers up					18,000	18,000	13,000	11,100	11,100	8,100	7,600	7,600	5,500	5,500	5,500	3,800	5,200	5,200	3,600
	Narrow – 2 sets stabilizers down					*23,000	*23,000	*23,000	*18,400	*18,400	15,000	14,700	14,700	10,300	10,700	10,700	7,500	10,200	10,200	7,100
15 ft	SA – 2 sets stabilizers up	*31,000	*31,000	26,700	18,900	18,900	13,700	11,800	11,800	8,700	8,200	8,200	6,000	6,100	6,100	4,300	5,200	5,200	3,600	
	SA – 2 sets stabilizers down	*31,000	*31,000	*31,000	*24,900	*24,900	*24,900	*19,200	*19,200	*19,200	*15,500	*15,500	13,300	12,300	12,300	9,900	*10,500	*10,500	8,500	
	Narrow – 2 sets stabilizers up	*30,600	*30,600	23,400	17,000	17,000	12,100	10,700	10,700	7,700	7,400	7,400	5,200	5,400	5,400	3,700	4,600	4,600	3,100	
	Narrow – 2 sets stabilizers down	*30,600	*30,600	*30,600	*24,900	*24,900	23,600	*19,200	*19,200	14,500	14,400	14,400	10,000	10,600	10,600	7,400	9,100	9,100	6,300	
10 ft	SA – 2 sets stabilizers up				17,400	17,400	12,400	11,200	11,200	8,100	7,900	7,900	5,700	5,900	5,900	4,200	4,800	4,800	3,400	
	SA – 2 sets stabilizers down				*26,900	*26,900	*26,900	*19,900	*19,900	18,600	*15,600	*15,600	13,000	12,100	12,100	9,700	*9,900	*9,900	8,000	
	Narrow – 2 sets stabilizers up				15,600	15,600	10,900	10,000	10,000	7,100	7,100	7,100	4,900	5,200	5,200	3,600	4,300	4,300	2,800	
	Narrow – 2 sets stabilizers down				*26,900	*26,900	22,000	*19,900	*19,900	13,800	14,000	14,000	9,700	10,400	10,400	7,200	8,600	8,600	5,900	
5 ft	SA – 2 sets stabilizers up				16,100	16,100	11,200	10,500	10,500	7,500	7,600	7,600	5,400	5,700	5,700	4,000	4,700	4,700	3,200	
	SA – 2 sets stabilizers down				*27,100	*27,100	*27,100	*19,800	*19,800	17,900	*15,200	*15,200	12,600	*11,700	*11,700	9,500	*8,700	*8,700	7,900	
	Narrow – 2 sets stabilizers up				14,300	14,300	9,700	9,400	9,400	6,500	6,700	6,700	4,600	5,100	5,100	3,400	4,100	4,100	2,700	
	Narrow – 2 sets stabilizers down				*27,100	*27,100	20,500	19,500	19,500	13,100	13,600	13,600	9,300	10,200	10,200	7,000	8,400	8,400	5,800	
0 ft	SA – 2 sets stabilizers up				15,300	15,300	10,500	10,100	10,100	7,100	7,300	7,300	5,100	5,600	5,600	3,900				
	SA – 2 sets stabilizers down				*22,100	*22,100	*22,100	*18,100	*18,100	17,400	*13,800	*13,800	12,300	*10,200	*10,200	9,400				
	Narrow – 2 sets stabilizers up				13,500	13,500	9,000	8,900	8,900	6,000	6,500	6,500	4,400	4,900	4,900	3,300				
	Narrow – 2 sets stabilizers down				*22,200	*22,200	19,600	*18,200	*18,200	12,600	13,300	13,300	9,000	10,100	10,100	6,900				

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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in lb, bucket cylinder and linkage installed, without bucket, with counterweight (9,260 lb), heavy lift on.



Undercarriage Standard

T	Undercarriage configuration	Boom 21'0" MH									Stick 13'9" Straight Stick									ft			
		10 ft			15 ft			20 ft			25 ft			30 ft									
30 ft	Front stabilizer and rear dozer up							12,200	11,600	8,900								8,900	8,500	6,400	23.85		
	Front stabilizer and rear dozer down							*17,100	*17,100	13,700								*11,800	*11,800	10,000			
	2 sets stabilizers up							12,600	11,500	9,000								9,200	8,400	6,500			
	2 sets stabilizers down							*17,100	*17,100	16,800								*11,800	*11,800	*11,800			
	Front dozer and rear stabilizers up							12,700	11,200	8,900								9,200	8,100	6,400			
	Front dozer and rear stabilizers down							*17,100	*17,100	14,100								*11,800	*11,800	10,300			
25 ft	Front stabilizer and rear dozer up							12,300	11,700	9,000	8,300	7,900	6,000					6,700	6,400	4,700	28.08		
	Front stabilizer and rear dozer down							*18,000	*18,000	13,800	*15,200	*15,200	9,400					*10,900	*10,900	7,600			
	2 sets stabilizers up							12,600	11,600	9,100	8,600	7,900	6,100					6,900	6,300	4,800			
	2 sets stabilizers down							*18,000	*18,000	16,900	*15,200	14,300	11,500					*10,900	*10,900	9,300			
	Front dozer and rear stabilizers up							12,700	11,300	9,000	8,600	7,600	6,000					7,000	6,100	4,700			
	Front dozer and rear stabilizers down							*18,000	*18,000	14,200	*15,200	13,800	9,600					*10,900	*10,900	7,800			
20 ft	Front stabilizer and rear dozer up							19,700	18,400	14,000	12,100	11,400	8,700	8,200	7,900	5,900	5,600	4,100	5,600	5,300	3,900	30.91	
	Front stabilizer and rear dozer down							*23,000	*23,000	22,100	*18,400	*18,400	13,500	*15,300	9,300	11,700	11,500	6,700	*10,500	*10,500	6,400		
	2 sets stabilizers up							20,200	18,300	14,200	12,400	11,400	8,800	8,500	7,800	6,000	6,100	5,600	4,200	5,800	5,300		3,900
	2 sets stabilizers down							*23,000	*23,000	*23,000	*18,400	*18,400	16,600	*15,300	14,200	11,400	12,000	10,300	8,300	*10,500	9,800		7,900
	Front dozer and rear stabilizers up							20,300	17,800	14,000	12,500	11,000	8,700	8,600	7,500	5,900	6,200	5,400	4,100	5,800	5,100		3,900
	Front dozer and rear stabilizers down							*23,000	*23,000	22,800	*18,400	*18,400	13,900	*15,300	13,700	9,500	*12,800	10,000	6,900	*10,500	9,500		6,500
15 ft	Front stabilizer and rear dozer up	*31,000	*31,000	25,600	18,600	17,400	13,100	11,600	10,900	8,300	8,000	7,600	5,700	5,800	5,600	4,100	5,000	4,700	3,400	32.74			
	Front stabilizer and rear dozer down	*31,000	*31,000	*31,000	*24,900	*24,900	21,000	*19,200	*19,200	13,000	*15,500	15,500	9,000	11,600	11,400	6,600	9,900	9,800	5,700				
	2 sets stabilizers up	*31,000	*31,000	25,800	19,100	17,300	13,300	11,900	10,900	8,400	8,200	7,600	5,800	6,000	5,500	4,100	5,100	4,700	3,500				
	2 sets stabilizers down	*31,000	*31,000	*31,000	*24,900	*24,900	*24,900	*19,200	*19,200	16,100	*15,500	13,900	11,100	11,900	10,300	8,200	10,200	8,800	7,000				
	Front dozer and rear stabilizers up	*31,000	*31,000	25,600	19,300	16,800	13,100	12,000	10,500	8,300	8,300	7,300	5,700	6,100	5,300	4,100	5,200	4,500	3,400				
	Front dozer and rear stabilizers down	*31,000	*31,000	*31,000	*24,900	*24,900	21,700	*19,200	*19,200	13,400	*15,500	13,500	9,300	*12,700	9,900	6,800	*10,500	8,500	5,800				
10 ft	Front stabilizer and rear dozer up							17,200	16,000	11,800	10,900	10,300	7,700	7,300	5,400	5,700	5,400	3,900	4,600	4,400	3,100	33.73	
	Front stabilizer and rear dozer down							*26,900	*26,900	19,500	*19,900	*19,900	12,300	15,400	15,100	8,700	11,400	11,200	6,500	9,400	9,300		5,300
	2 sets stabilizers up							17,700	15,900	12,000	11,200	10,200	7,800	7,900	7,200	5,400	5,900	5,400	4,000	4,800	4,400		3,200
	2 sets stabilizers down							*26,900	*26,900	24,900	*19,900	19,500	15,400	*15,600	13,500	10,800	11,700	10,100	8,000	9,700	8,300		6,600
	Front dozer and rear stabilizers up							17,800	15,400	11,800	11,300	9,900	7,700	8,000	7,000	5,400	5,900	5,200	3,900	4,800	4,200		3,100
	Front dozer and rear stabilizers down							*26,900	*26,900	20,200	*19,900	18,900	12,700	*15,600	13,100	8,900	*12,400	9,800	6,700	*9,900	8,100		5,500
5 ft	Front stabilizer and rear dozer up							15,800	14,700	10,600	10,200	9,700	7,100	7,300	6,900	5,100	5,500	5,200	3,700	4,500	4,300	3,000	33.92
	Front stabilizer and rear dozer down							*27,100	*27,100	18,100	*19,800	*19,800	11,700	15,000	14,700	8,300	11,200	11,000	6,300	*8,700	*8,700	5,200	
	2 sets stabilizers up							16,300	14,600	10,800	10,600	9,600	7,200	7,600	6,900	5,100	5,700	5,200	3,800	4,700	4,300	3,100	
	2 sets stabilizers down							*27,100	*27,100	23,300	*19,800	18,800	14,700	*15,200	13,100	10,400	11,500	9,900	7,900	*8,700	8,200	6,500	
	Front dozer and rear stabilizers up							16,400	14,100	10,600	10,700	9,300	7,100	7,600	6,600	5,100	5,700	5,000	3,700	4,700	4,100	3,000	
	Front dozer and rear stabilizers down							*27,100	*27,100	18,800	*19,800	18,200	12,000	*15,200	12,700	8,600	*11,700	9,600	6,500	*8,700	7,900	5,300	
0 ft	Front stabilizer and rear dozer up							15,000	13,900	9,900	9,800	9,200	6,600	7,000	6,700	4,800	5,400	5,100	3,600				34.00
	Front stabilizer and rear dozer down							*22,100	*22,100	17,300	*18,100	*18,100	11,200	*13,800	*13,800	8,100	*10,200	*10,200	6,200				
	2 sets stabilizers up							15,500	13,800	10,000	10,100	9,200	6,700	7,300	6,600	4,900	5,600	5,100	3,700				
	2 sets stabilizers down							*22,100	*22,100	*22,100	*18,100	*18,100	14,100	*13,800	12,800	10,100	*10,200	9,700	7,700				
	Front dozer and rear stabilizers up							15,600	13,300	9,900	10,200	8,800	6,600	7,400	6,400	4,800	5,600	4,900	3,600				
	Front dozer and rear stabilizers down							*22,100	*22,100	17,900	*18,100	17,600	11,500	*13,800	12,400	8,300	*10,200	9,400	6,300				

*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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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities


All values are in lb, without bucket, with counterweight (9,260 lb), heavy lift on.

 Load point height

 Load over front

 Load over rear

 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage




















MH (9'0") or MH Narrow (8'4")

Boom

17'7" MH

Stick

16'1" MH

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			30 ft						ft						
																										
35 ft	SA – 2 sets stabilizers up																				*14,000	*14,000	*14,000	14.76		
	SA – 2 sets stabilizers down																					*14,000	*14,000		*14,000	
	Narrow – 2 sets stabilizers up																					*14,100	*14,100		*14,100	
	Narrow – 2 sets stabilizers down																					*14,100	*14,100		*14,100	
30 ft	SA – 2 sets stabilizers up							13,200	13,200	10,100												*11,100	*11,100	8,500	22.15	
	SA – 2 sets stabilizers down							*14,100	*14,100	*14,100												*11,100	*11,100	*11,100		
	Narrow – 2 sets stabilizers up							12,000	12,000	9,000												10,200	10,200	7,600		
	Narrow – 2 sets stabilizers down							*14,000	*14,000	*14,000												*11,100	*11,100	*11,100		
25 ft	SA – 2 sets stabilizers up							13,500	13,500	10,300	9,400	9,400	7,200									8,400	8,400	6,400	26.64	
	SA – 2 sets stabilizers down							*17,300	*17,300	*17,300	*12,800	*12,800	*12,800									*10,000	*10,000	*10,000		
	Narrow – 2 sets stabilizers up							12,300	12,300	9,200	8,500	8,500	6,400									7,700	7,700	5,700		
	Narrow – 2 sets stabilizers down							*17,200	*17,200	16,100	*12,700	*12,700	11,200									*10,000	*10,000	*10,000		
20 ft	SA – 2 sets stabilizers up							13,400	13,400	10,200	9,400	9,400	7,200									7,100	7,100	5,400	29.63	
	SA – 2 sets stabilizers down							*18,300	*18,300	*18,300	*16,100	*16,100	14,500									*9,500	*9,500	*9,500		
	Narrow – 2 sets stabilizers up							12,200	12,200	9,200	8,600	8,600	6,400									6,500	6,500	4,800		
	Narrow – 2 sets stabilizers down							*18,300	*18,300	16,000	15,600	15,600	11,200									*9,500	*9,500	8,500		
15 ft	SA – 2 sets stabilizers up							13,100	13,100	10,000	9,300	9,300	7,100	7,000	7,000	5,300						6,400	6,400	4,800	31.53	
	SA – 2 sets stabilizers down							*19,100	*19,100	*19,100	*16,300	*16,300	14,400	*12,800	*12,800	10,800						*9,400	*9,400	*9,400		
	Narrow – 2 sets stabilizers up							11,900	11,900	8,900	8,400	8,400	6,300	6,300	4,600							5,800	5,800	4,300		
	Narrow – 2 sets stabilizers down							*19,100	*19,100	15,700	15,400	15,400	11,100	11,500	11,500	8,300						*9,400	*9,400	7,700		
10 ft	SA – 2 sets stabilizers up				19,700	19,700	14,600	12,600	12,600	9,500	9,000	9,000	6,800	6,900	6,900	5,200	6,100	6,100	4,500							32.55
	SA – 2 sets stabilizers down				*25,600	*25,600	*25,600	*20,300	*20,300	20,100	*16,600	*16,600	14,100	13,100	13,100	10,700	*9,600	*9,600	9,400							
	Narrow – 2 sets stabilizers up				17,800	17,800	13,000	11,500	11,500	8,500	8,200	8,200	6,000	6,200	4,500								5,500	5,500	4,000	
	Narrow – 2 sets stabilizers down				*25,600	*25,600	24,400	*20,200	*20,200	15,200	15,100	15,100	10,800	11,400	11,400	8,200	*9,600	*9,600	7,200							
5 ft	SA – 2 sets stabilizers up	36,200	36,200	24,600	18,500	18,500	13,500	12,100	12,100	9,000	8,800	8,800	6,500	6,700	6,700	5,000	5,900	5,900	4,400							32.78
	SA – 2 sets stabilizers down	*43,100	*43,100	*43,100	*28,200	*28,200	*28,200	*21,100	*21,100	19,500	*16,700	*16,700	13,800	12,900	12,900	10,500	*10,000	*10,000	9,200							
	Narrow – 2 sets stabilizers up	32,100	32,100	21,400	16,600	16,600	11,900	10,900	10,900	8,000	7,900	7,900	5,800	6,100	6,100	4,400	5,300	5,300	3,800							
	Narrow – 2 sets stabilizers down	*43,000	*43,000	*43,000	*28,200	*28,200	23,000	*21,100	*21,100	14,600	14,800	14,800	10,500	11,200	11,200	8,000	9,900	9,900	7,100							
0 ft	SA – 2 sets stabilizers up	*18,800	*18,800	*18,800	17,500	17,500	12,500	11,600	11,600	8,500	8,500	8,500	6,300	6,600	6,600	4,900										
	SA – 2 sets stabilizers down	*18,800	*18,800	*18,800	*28,500	*28,500	*28,500	*20,800	*20,800	18,900	*15,900	*15,900	13,500	*11,600	*11,600	10,400										
	Narrow – 2 sets stabilizers up	*19,000	*19,000	*19,000	15,600	15,600	11,000	10,400	10,400	7,500	7,600	7,600	5,500	5,900	5,900	4,300										
	Narrow – 2 sets stabilizers down	*19,000	*19,000	*19,000	*28,500	*28,500	21,900	20,600	20,600	14,100	14,500	14,500	10,200	11,100	11,100	7,900										
-5 ft	SA – 2 sets stabilizers up	*16,400	*16,400	*16,400	16,900	16,900	12,000	11,200	11,200	8,200	8,300	8,300	6,100													
	SA – 2 sets stabilizers down	*16,400	*16,400	*16,400	*25,000	*25,000	*25,000	*18,400	*18,400	*18,400	*13,500	*13,500	13,300													
	Narrow – 2 sets stabilizers up	*16,400	*16,400	*16,400	15,100	15,100	10,500	10,100	10,100	7,200	7,500	7,500	5,400													
	Narrow – 2 sets stabilizers down	*16,400	*16,400	*16,400	*25,100	*25,100	21,300	*18,500	*18,500	13,800	*13,600	*13,600	10,000													

*Limited by hydraulic rather than tipping load.

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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in lb, without bucket, with counterweight (9,260 lb), heavy lift on.



Undercarriage Standard

T	Undercarriage configuration	Boom 17'7" MH									Stick 16'1" MH									ft							
		10 ft			15 ft			20 ft			25 ft			30 ft			Stick										
																					ft						
35 ft	Front stabilizer and rear dozer up																					14.76					
	Front stabilizer and rear dozer down																										
	2 sets stabilizers up																										
	2 sets stabilizers down																										
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down																										
30 ft	Front stabilizer and rear dozer up									13,000	12,300	9,700										22.15					
	Front stabilizer and rear dozer down									*14,100	*14,100	*14,100															
	2 sets stabilizers up									13,300	12,300	9,800															
	2 sets stabilizers down									*14,100	*14,100	*14,100															
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									13,400	11,900	9,700															
25 ft	Front stabilizer and rear dozer up									13,200	12,600	9,900	9,200	8,800	6,800							26.64					
	Front stabilizer and rear dozer down									*17,300	*17,300	14,700	*12,800	*12,800	10,200												
	2 sets stabilizers up									13,500	12,500	10,000	9,400	8,700	6,900												
	2 sets stabilizers down									*17,300	*17,300	*17,300	*12,800	*12,800	12,300												
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									13,600	12,100	9,900	9,500	8,500	6,800												
20 ft	Front stabilizer and rear dozer up									13,100	12,500	9,800	9,200	8,800	6,900							29.63					
	Front stabilizer and rear dozer down									*18,300	*18,300	14,600	*16,100	*16,100	10,200												
	2 sets stabilizers up									13,500	12,400	9,900	9,400	8,700	6,900												
	2 sets stabilizers down									*18,300	*18,300	17,700	*16,100	15,100	12,300												
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									13,500	12,100	9,800	9,500	8,500	6,900												
15 ft	Front stabilizer and rear dozer up									12,800	12,200	9,500	9,000	8,700	6,700	6,700	6,500	5,000	6,200	6,000	4,600	31.53					
	Front stabilizer and rear dozer down									*19,100	*19,100	14,300	*16,300	*16,300	10,100	12,500	12,300	7,600	*9,400	*9,400	7,000						
	2 sets stabilizers up									13,200	12,200	9,600	9,300	8,600	6,800	7,000	6,400	5,100	6,400	5,900	4,600						
	2 sets stabilizers down									*19,100	*19,100	17,400	*16,300	14,900	12,200	12,800	11,200	9,100	*9,400	*9,400	8,400						
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									13,300	11,800	9,500	9,400	8,300	6,700	7,000	6,200	5,000	6,400	5,700	4,600						
10 ft	Front stabilizer and rear dozer up									19,500	18,200	14,000	12,300	11,700	9,100	8,800	8,400	6,500	6,600	6,400	4,900	5,800	5,600	4,300			
	Front stabilizer and rear dozer down									*25,600	*25,600	21,800	*20,300	*20,300	13,800	16,500	16,200	9,800	12,300	12,200	7,500	*9,600	*9,600	6,600			
	2 sets stabilizers up									20,000	18,200	14,100	12,700	11,700	9,200	9,000	8,400	6,600	6,800	6,300	4,900	6,000	5,600	4,300			
	2 sets stabilizers down									*25,600	*25,600	*25,600	*20,300	*20,300	16,900	*16,600	14,700	11,900	12,700	11,000	9,000	*9,600	*9,600	7,900			
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									20,100	17,600	14,000	12,800	11,300	9,100	8,100	6,500	6,900	6,100	4,900	6,100	5,400	4,300				
5 ft	Front stabilizer and rear dozer up									36,500	32,800	23,500	18,200	17,000	12,900	11,800	11,200	8,600	8,500	8,100	6,200	6,500	6,200	4,800	5,700	5,500	4,200
	Front stabilizer and rear dozer down									*43,100	*43,100	42,200	*28,200	*28,200	20,500	*21,100	*21,100	13,200	16,200	15,900	9,500	12,200	12,000	7,300	*10,000	*10,000	6,400
	2 sets stabilizers up									37,500	32,600	23,800	18,700	17,000	13,000	12,100	11,100	8,700	8,800	8,100	6,300	6,700	6,200	4,800	5,900	5,500	4,200
	2 sets stabilizers down									*43,100	*43,100	*43,100	*28,200	*28,200	25,900	*21,100	20,400	16,200	16,600	14,300	11,600	12,500	10,900	8,900	*10,000	9,600	7,800
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									37,800	31,700	23,500	18,800	16,400	12,900	12,200	10,800	8,600	8,800	7,800	6,200	6,800	6,000	4,800	5,900	5,300	4,200
0 ft	Front stabilizer and rear dozer up									*18,800	*18,800	*18,800	17,200	16,000	11,900	11,300	10,700	8,100	8,200	7,900	6,000	6,400	6,100	4,600			
	Front stabilizer and rear dozer down									*18,800	*18,800	*18,800	*28,500	*28,500	19,500	*20,800	*20,800	12,700	*15,900	15,600	9,300	*11,600	*11,600	7,200			
	2 sets stabilizers up									*18,800	*18,800	*18,800	17,700	16,000	12,100	11,600	10,600	8,200	8,500	7,800	6,000	6,600	6,100	4,700			
	2 sets stabilizers down									*18,800	*18,800	*18,800	*28,500	*28,500	24,700	*20,800	19,800	15,700	*15,900	14,000	11,300	*11,600	10,800	8,700			
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									*18,800	*18,800	*18,800	17,800	15,400	11,900	11,700	10,300	8,100	8,500	7,600	6,000	6,600	5,900	4,600			
-5 ft	Front stabilizer and rear dozer up									*16,400	*16,400	*16,400	16,600	15,500	11,400	10,900	10,400	7,800	8,100	7,700	5,800						
	Front stabilizer and rear dozer down									*16,400	*16,400	*16,400	*25,000	*25,000	18,900	*18,400	*18,400	12,400	*13,500								
	2 sets stabilizers up									*16,400	*16,400	*16,400	17,100	15,400	11,600	11,300	10,300	7,900	8,300	7,700	5,900						
	2 sets stabilizers down									*16,400	*16,400	*16,400	*25,000	*25,000	24,100	*18,400	*18,400	15,300	*13,500								
	Front dozer and rear stabilizers up Front dozer and rear stabilizers down									*16,400	*16,400	*16,400	17,200	14,900	11,400	11,400	10,000	7,800	8,400	7,400	5,800						

*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.


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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities


All values are in lb, bucket cylinder and linkage installed, without bucket, with counterweight (9,260 lb), heavy lift on.

 Load point height

 Load over front

 Load over rear

 Load over side

 Load at maximum reach (sticknose/bucket pin)

Undercarriage
















MH (9'0") or MH Narrow (8'4")

Boom

17'7" MH

Stick

13'9" Straight Stick

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			30 ft			Stick			ft			
																							
30 ft	SA – 2 sets stabilizers up				*18,200	*18,200	14,700													*12,900	*12,900	10,100	18.73
	SA – 2 sets stabilizers down				*18,200	*18,200	*18,200													*12,900	*12,900	*12,900	
	Narrow – 2 sets stabilizers up				18,000	18,000	13,100													12,400	12,400	9,100	
	Narrow – 2 sets stabilizers down				*18,100	*18,100	*18,100													*13,000	*13,000	*13,000	
25 ft	SA – 2 sets stabilizers up							12,500	12,500	9,400										9,200	9,200	6,800	23.88
	SA – 2 sets stabilizers down							*17,600	*17,600	*17,600										*11,300	*11,300	*11,300	
	Narrow – 2 sets stabilizers up							11,300	11,300	8,300										8,300	8,300	6,000	
	Narrow – 2 sets stabilizers down							*17,500	*17,500	15,200										*11,300	*11,300	11,200	
20 ft	SA – 2 sets stabilizers up							12,500	12,500	9,300	8,600	8,600	6,400							7,400	7,400	5,400	27.20
	SA – 2 sets stabilizers down							*18,700	*18,700	*18,700	*15,500	*15,500	13,700							*10,600	*10,600	*10,600	
	Narrow – 2 sets stabilizers up							11,300	11,300	8,300	7,700	7,700	5,600							6,700	6,700	4,700	
	Narrow – 2 sets stabilizers down							*18,700	*18,700	15,100	14,700	14,700	10,400							*10,600	*10,600	9,000	
15 ft	SA – 2 sets stabilizers up				19,600	19,600	14,400	12,200	12,200	9,100	8,500	8,500	6,300							6,500	6,500	4,700	29.27
	SA – 2 sets stabilizers down				*24,000	*24,000	*24,000	*19,300	*19,300	*19,300	*16,000	*16,000	13,600							*10,500	*10,500	10,400	
	Narrow – 2 sets stabilizers up				17,700	17,700	12,800	11,000	11,000	8,000	7,600	7,600	5,500							5,800	5,800	4,100	
	Narrow – 2 sets stabilizers down				*24,000	*24,000	*24,000	*19,300	*19,300	14,800	14,600	14,600	10,300							*10,500	*10,500	7,900	
10 ft	SA – 2 sets stabilizers up	37,700	37,700	25,700	18,500	18,500	13,500	11,700	11,700	8,600	8,300	8,300	6,000	6,100	6,100	4,400				6,000	6,000	4,300	30.35
	SA – 2 sets stabilizers down	*38,800	*38,800	*38,800	*26,500	*26,500	*26,500	*20,200	*20,200	19,200	*16,000	*16,000	13,300	*12,000	*12,000	9,900				*10,700	*10,700	9,700	
	Narrow – 2 sets stabilizers up	33,400	33,400	22,500	16,700	16,700	11,900	10,600	10,600	7,600	7,400	7,400	5,300	5,500	5,500	3,800				5,400	5,400	3,700	
	Narrow – 2 sets stabilizers down	*38,700	*38,700	*38,700	*26,400	*26,400	23,200	*20,200	*20,200	14,300	14,400	14,400	10,000	10,600	10,600	7,400				10,500	10,500	7,300	
5 ft	SA – 2 sets stabilizers up	*29,500	*29,500	22,700	17,400	17,400	12,400	11,200	11,200	8,100	8,000	8,000	5,800	6,000	6,000	4,300				5,900	5,900	4,200	30.58
	SA – 2 sets stabilizers down	*29,500	*29,500	*29,500	*28,000	*28,000	*28,000	*20,500	*20,500	18,600	*15,600	*15,600	13,000	*11,200	*11,200	9,800				*10,500	*10,500	9,500	
	Narrow – 2 sets stabilizers up	30,000	30,000	19,500	15,500	15,500	10,800	10,000	10,000	7,100	7,200	7,200	5,000	5,400	5,400	3,700				5,200	5,200	3,600	
	Narrow – 2 sets stabilizers down	*30,800	*30,800	*30,800	*28,000	*28,000	21,900	20,300	20,300	13,800	14,100	14,100	9,700	10,500	10,500	7,300				10,200	10,200	7,100	
0 ft	SA – 2 sets stabilizers up	*14,400	*14,400	*14,400	16,500	16,500	11,600	10,800	10,800	7,700	7,800	7,800	5,600										
	SA – 2 sets stabilizers down	*14,400	*14,400	*14,400	*26,600	*26,600	*26,600	*19,200	*19,200	18,100	*14,100	*14,100	12,800										
	Narrow – 2 sets stabilizers up	*14,400	*14,400	*14,400	14,700	14,700	10,100	9,600	9,600	6,700	6,900	6,900	4,800										
	Narrow – 2 sets stabilizers down	*14,400	*14,400	*14,400	*26,700	*26,700	20,900	*19,300	*19,300	13,300	13,800	13,800	9,500										
-5 ft	SA – 2 sets stabilizers up				16,100	16,100	11,200	10,500	10,500	7,500													
	SA – 2 sets stabilizers down				*21,300	*21,300	*21,300	*15,700	*15,700	*15,700													
	Narrow – 2 sets stabilizers up				14,300	14,300	9,700	9,400	9,400	6,500													
	Narrow – 2 sets stabilizers down				*21,500	*21,500	20,500	*15,800	*15,800	13,000													

*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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MH3022 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in lb, bucket cylinder and linkage installed, without bucket, with counterweight (9,260 lb), heavy lift on.



Undercarriage Standard

Lift Point	Undercarriage configuration	Boom 17'7" MH									Stick 13'9" Straight Stick									ft			
		10 ft			15 ft			20 ft			25 ft			30 ft									
		Load point height	Load over front	Load over rear	Load point height	Load over front	Load over rear	Load point height	Load over front	Load over rear	Load point height	Load over front	Load over rear	Load point height	Load over front	Load over rear	Load point height	Load over front	Load over rear	Load at maximum reach (sticknose/bucket pin)			
30 ft	Front stabilizer and rear dozer up				*18,200	*18,200	14,100										*12,900	12,600	9,700	18.73			
	Front stabilizer and rear dozer down				*18,200	*18,200	*18,200										*12,900	*12,900	*12,900				
	2 sets stabilizers up				*18,200	*18,200	14,300										*12,900	12,500	9,800				
	2 sets stabilizers down				*18,200	*18,200	*18,200										*12,900	*12,900	*12,900				
	Front dozer and rear stabilizers up				*18,200	17,900	14,100										*12,900	12,200	9,700				
	Front dozer and rear stabilizers down				*18,200	*18,200	*18,200										*12,900	*12,900	*12,900				
25 ft	Front stabilizer and rear dozer up							12,300	11,600	9,000										8,900	8,500	6,500	23.88
	Front stabilizer and rear dozer down							*17,600	*17,600	13,700										*11,300	*11,300	10,000	
	2 sets stabilizers up							12,600	11,600	9,100										9,200	8,500	6,500	
	2 sets stabilizers down							*17,600	*17,600	16,800										*11,300	*11,300	*11,300	
	Front dozer and rear stabilizers up							12,700	11,200	9,000										9,300	8,200	6,500	
	Front dozer and rear stabilizers down							*17,600	*17,600	14,100										*11,300	*11,300	10,300	
20 ft	Front stabilizer and rear dozer up							12,200	11,600	8,900	8,300	8,000	6,000				7,200	6,800	5,100	27.20			
	Front stabilizer and rear dozer down							*18,700	*18,700	13,700	*15,500	*15,500	9,400				*10,600	*10,600	8,100				
	2 sets stabilizers up							12,600	11,500	9,000	8,600	7,900	6,100				7,400	6,800	5,200				
	2 sets stabilizers down							*18,700	*18,700	16,800	*15,500	14,200	11,500				*10,600	*10,600	9,900				
	Front dozer and rear stabilizers up							12,600	11,200	8,900	8,700	7,600	6,000				7,400	6,600	5,100				
	Front dozer and rear stabilizers down							*18,700	*18,700	14,100	*15,500	13,800	9,600				*10,600	*10,600	8,300				
15 ft	Front stabilizer and rear dozer up				19,300	18,100	13,800	11,900	11,300	8,700	8,200	7,800	5,900				6,200	6,000	4,400	29.27			
	Front stabilizer and rear dozer down				*24,000	*24,000	21,700	*19,300	*19,300	13,400	*16,000	15,700	9,300				*10,500	*10,500	7,100				
	2 sets stabilizers up				19,800	18,000	13,900	12,300	11,300	8,800	8,500	7,800	6,000				6,500	5,900	4,500				
	2 sets stabilizers down				*24,000	*24,000	*24,000	*19,300	*19,300	16,500	*16,000	14,100	11,300				*10,500	*10,500	8,700				
	Front dozer and rear stabilizers up				19,900	17,500	13,800	12,400	10,900	8,700	8,500	7,500	5,900				6,500	5,700	4,400				
	Front dozer and rear stabilizers down				*24,000	*24,000	22,400	*19,300	*19,300	13,800	*16,000	13,700	9,500				*10,500	*10,500	7,300				
10 ft	Front stabilizer and rear dozer up	38,100	34,200	24,600	18,300	17,100	12,900	11,500	10,900	8,200	8,000	7,600	5,700	5,900	5,600	4,200	5,800	5,500	4,100	30.35			
	Front stabilizer and rear dozer down	*38,800	*38,800	*38,800	*26,500	*26,500	20,600	*20,200	*20,200	12,900	15,700	15,400	9,000	11,600	11,400	6,700	*10,700	*10,700	6,600				
	2 sets stabilizers up	*38,800	34,000	24,900	18,800	17,000	13,000	11,800	10,800	8,300	8,300	7,600	5,800	6,100	5,600	4,200	6,000	5,500	4,100				
	2 sets stabilizers down	*38,800	*38,800	*38,800	*26,500	*26,500	26,100	*20,200	20,100	15,900	*16,000	13,900	11,100	11,900	10,300	8,300	*10,700	10,100	8,100				
	Front dozer and rear stabilizers up	*38,800	33,000	24,600	18,900	16,500	12,900	11,900	10,400	8,200	8,300	7,300	5,700	6,200	5,400	4,200	6,000	5,300	4,100				
	Front dozer and rear stabilizers down	*38,800	*38,800	*38,800	*26,500	*26,500	21,300	*20,200	19,500	13,300	*16,000	13,400	9,300	*12,000	10,000	6,900	*10,700	9,800	6,800				
5 ft	Front stabilizer and rear dozer up	*29,500	*29,500	21,600	17,100	15,900	11,800	10,900	10,300	7,700	7,700	7,400	5,500	5,800	5,500	4,100	5,600	5,400	3,900	30.58			
	Front stabilizer and rear dozer down	*29,500	*29,500	*29,500	*28,000	*28,000	19,400	*20,500	*20,500	12,400	15,400	15,100	8,800	*11,200	*11,200	6,600	*10,500	*10,500	6,400				
	2 sets stabilizers up	*29,500	*29,500	21,800	17,600	15,800	11,900	11,300	10,300	7,800	8,000	7,300	5,600	6,000	5,500	4,100	5,800	5,300	4,000				
	2 sets stabilizers down	*29,500	*29,500	*29,500	*28,000	*28,000	24,700	*20,500	19,500	15,400	*15,600	13,600	10,800	*11,200	10,200	8,200	*10,500	9,900	7,900				
	Front dozer and rear stabilizers up	*29,500	*29,500	21,600	17,700	15,300	11,800	11,300	9,900	7,700	8,100	7,100	5,500	6,100	5,300	4,100	5,900	5,100	3,900				
	Front dozer and rear stabilizers down	*29,500	*29,500	*29,500	*28,000	*28,000	20,100	*20,500	18,900	12,700	*15,600	13,200	9,000	*11,200	9,900	6,800	*10,500	9,600	6,600				
0 ft	Front stabilizer and rear dozer up	*14,400	*14,400	*14,400	16,200	15,100	11,000	10,500	9,900	7,300	7,500	7,200	5,300										
	Front stabilizer and rear dozer down	*14,400	*14,400	*14,400	*26,600	*26,600	18,500	*19,200	*19,200	11,900	*14,100	*14,100	8,600										
	2 sets stabilizers up	*14,400	*14,400	*14,400	16,700	15,000	11,100	10,800	9,800	7,400	7,800	7,100	5,300										
	2 sets stabilizers down	*14,400	*14,400	*14,400	*26,600	*26,600	23,700	*19,200	19,000	14,900	*14,100	13,300	10,600										
	Front dozer and rear stabilizers up	*14,400	*14,400	*14,400	16,800	14,500	11,000	10,900	9,500	7,300	7,800	6,900	5,300										
	Front dozer and rear stabilizers down	*14,400	*14,400	*14,400	*26,600	*26,600	19,100	*19,200	18,400	12,300	*14,100	12,900	8,800										
-5 ft	Front stabilizer and rear dozer up				15,800	14,700	10,600	10,200	9,700	7,100													
	Front stabilizer and rear dozer down				*21,300	*21,300	18,100	*15,700	*15,700	11,700													
	2 sets stabilizers up				16,300	14,600	10,800	10,600	9,600	7,200													
	2 sets stabilizers down				*21,300	*21,300	*21,300	*15,700	*15,700	14,600													
	Front dozer and rear stabilizers up				16,400	14,100	10,600	10,700	9,300	7,100													
	Front dozer and rear stabilizers down				*21,300	*21,300	18,700	*15,700	*15,700	12,000													

*Limited by hydraulic rather than tipping load.

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