

MH3022

Wheeled Material Handler



Lift Capacity Specifications

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MH3022 Wheeled Material Handler Lift Charts

One-Piece Boom

2.8 m Stick – Bucket Cylinder and Linkage Installed

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

Counterweight: 3700 kg	4
Counterweight: 4200 kg	5

Standard Undercarriage

Counterweight: 3700 kg	6
Counterweight: 4200 kg	7

3.3 m Industrial Stick

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

Counterweight: 3700 kg	8
Counterweight: 4200 kg	9

Standard Undercarriage

Counterweight: 3700 kg	10
Counterweight: 4200 kg	11

VA Boom

2.8 m Stick – Bucket Cylinder and Linkage Installed

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

Counterweight: 3700 kg	12
Counterweight: 4200 kg	13

Standard Undercarriage

Counterweight: 3700 kg	14
Counterweight: 4200 kg	15

3.3 m Industrial Stick

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

Counterweight: 3700 kg	16
Counterweight: 4200 kg	17

Standard Undercarriage

Counterweight: 3700 kg	18
Counterweight: 4200 kg	19

5.35 m MH Boom

4.2 m Straight Stick – Bucket Cylinder and Linkage Installed

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

Counterweight: 3700 kg	20
Counterweight: 4200 kg	21

Standard Undercarriage

Counterweight: 3700 kg	22
Counterweight: 4200 kg	23

4.9 m MH Stick (drop nose)

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

Counterweight: 3700 kg	24
Counterweight: 4200 kg	25

Standard Undercarriage

Counterweight: 3700 kg	26
Counterweight: 4200 kg	27

6.4 m MH Boom

4.2 m Straight Stick – Bucket Cylinder and Linkage Installed

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

Counterweight: 4200 kg	28
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Standard Undercarriage

Counterweight: 4200 kg	29
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4.9 m MH Stick (drop nose)

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

Counterweight: 4200 kg	30
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Standard Undercarriage


Counterweight: 4200 kg	31
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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 (3700 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 One-Piece

Stick 2.8 m

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
6000 mm	SA – 2 sets stabilizers up							*5200	*5200	4200				*3000	*3000	*3000	7010
	SA – 2 sets stabilizers down							*5200	*5200	*5200				*3000	*3000	*3000	
	Narrow – 2 sets stabilizers up							5100	5100	3700				*3000	*3000	2850	
	Narrow – 2 sets stabilizers down							*5150	*5150	*5150				*3000	*3000	*3000	
4500 mm	SA – 2 sets stabilizers up							5500	5500	4100	3850	3850	2850	*2900	*2900	2700	7740
	SA – 2 sets stabilizers down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900	
	Narrow – 2 sets stabilizers up							4950	4950	3600	3500	3500	2500	*2900	*2900	2400	
	Narrow – 2 sets stabilizers down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900	
3000 mm	SA – 2 sets stabilizers up				8150	8150	5900	5300	5300	3900	3800	3800	2800	*2950	*2950	2450	8130
	SA – 2 sets stabilizers down				*8250	*8250	*8250	*6400	*6400	*6400	*5450	*5450	*5450	*2950	*2950	*2950	
	Narrow – 2 sets stabilizers up				7300	7300	5200	4750	4750	3450	3400	3400	2450	*2950	*2950	2150	
	Narrow – 2 sets stabilizers down				*8250	*8250	*8250	*6350	*6350	*6350	*5450	*5450	4600	*2950	*2950	*2950	
1500 mm	SA – 2 sets stabilizers up				7700	7700	5500	5100	5100	3700	3700	3700	2700	*3150	*3150	2350	8210
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	*7050	*5700	*5700	*5700	*3150	*3150	*3150	
	Narrow – 2 sets stabilizers up				6850	6850	4750	4550	4550	3250	3300	3300	2350	2900	2900	2050	
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	6250	*5700	*5700	4500	*3150	*3150	*3150	
0 mm	SA – 2 sets stabilizers up				7450	7450	5250	4950	4950	3550	3600	3600	2650	3300	3300	2400	8000
	SA – 2 sets stabilizers down				*10 200	*10 200	*10 200	*7400	*7400	*7400	*5750	*5750	*5750	*3550	*3550	*3550	
	Narrow – 2 sets stabilizers up				6600	6600	4550	4400	4400	3100	3250	3250	2300	2950	2950	2100	
	Narrow – 2 sets stabilizers down				*10 200	*10 200	9450	*7400	*7400	6050	*5750	*5750	4400	*3500	*3500	*3500	
-1500 mm	SA – 2 sets stabilizers up	*9000	*9000	*9000	7350	7350	5150	4850	4850	3500				3600	3600	2600	7490
	SA – 2 sets stabilizers down	*9000	*9000	*9000	*9800	*9800	*9800	*7200	*7200	*7200				*4250	*4250	*4250	
	Narrow – 2 sets stabilizers up	*8900	*8900	8100	6550	6550	4450	4350	4350	3050				3200	3200	2250	
	Narrow – 2 sets stabilizers down	*8900	*8900	*8900	*9800	*9800	9350	*7200	*7200	6000				*4200	*4200	*4200	
-3000 mm	SA – 2 sets stabilizers up	*11 650	*11 650	9650	7400	7400	5200	4900	4900	3550				4350	4350	3150	6580
	SA – 2 sets stabilizers down	*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	*6100				*5150	*5150	*5150	
	Narrow – 2 sets stabilizers up	*11 700	*11 700	8200	6550	6550	4500	4350	4350	3050				3850	3850	2700	
	Narrow – 2 sets stabilizers down	*11 700	*11 700	*11 700	*8450	*8450	*8450	*6150	*6150	6050				*5150	*5150	*5150	
-4500 mm	SA – 2 sets stabilizers up				*5450	*5450	5400							*4450	*4450	*4450	5050
	SA – 2 sets stabilizers down				*5450	*5450	*5450							*4450	*4450	*4450	
	Narrow – 2 sets stabilizers up				*5550	*5550	4700							*4500	*4500	4000	
	Narrow – 2 sets stabilizers down				*5550	*5550	*5550							*4500	*4500	*4500	

*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 One-Piece

Stick 2.8 m

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
6000 mm	SA – 2 sets stabilizers up							*5200	*5200	4450				*3000	*3000	*3000	7010
	SA – 2 sets stabilizers down							*5200	*5200	*5200				*3000	*3000	*3000	
	Narrow – 2 sets stabilizers up							*5150	*5150	3950				*3000	*3000	*3000	
	Narrow – 2 sets stabilizers down							*5150	*5150	*5150				*3000	*3000	*3000	
4500 mm	SA – 2 sets stabilizers up							*5700	*5700	4350	*4000	*4000	3050	*2900	*2900	2900	7740
	SA – 2 sets stabilizers down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900	
	Narrow – 2 sets stabilizers up							5250	5250	3850	3700	3700	2700	*2900	*2900	2550	
	Narrow – 2 sets stabilizers down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900	
3000 mm	SA – 2 sets stabilizers up				*8250	*8250	6250	5600	5600	4150	4000	4000	3000	*2950	*2950	2650	8130
	SA – 2 sets stabilizers down				*8250	*8250	*8250	*6400	*6400	*6400	*5450	*5450	*5450	*2950	*2950	*2950	
	Narrow – 2 sets stabilizers up				7750	7750	5500	5050	5050	3650	3600	3600	2650	*2950	*2950	2300	
	Narrow – 2 sets stabilizers down				*8250	*8250	*8250	*6350	*6350	*6350	*5450	*5450	4850	*2950	*2950	*2950	
1500 mm	SA – 2 sets stabilizers up				8150	8150	5850	5400	5400	3950	3900	3900	2900	*3150	*3150	2550	8210
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	*7050	*5700	*5700	*5700	*3150	*3150	*3150	
	Narrow – 2 sets stabilizers up				7300	7300	5100	4850	4850	3450	3500	3500	2550	3100	3100	2200	
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	6550	*5700	*5700	4750	*3150	*3150	*3150	
0 mm	SA – 2 sets stabilizers up				7900	7900	5600	5250	5250	3800	3850	3850	2800	3500	3500	2600	8000
	SA – 2 sets stabilizers down				*10 200	*10 200	*10 200	*7400	*7400	*7400	*5750	*5750	*5750	*3550	*3550	*3550	
	Narrow – 2 sets stabilizers up				7000	7000	4900	4700	4700	3350	3450	3450	2450	3150	3150	2250	
	Narrow – 2 sets stabilizers down				*10 200	*10 200	9950	*7400	*7400	6400	*5750	*5750	4650	*3500	*3500	*3500	
-1500 mm	SA – 2 sets stabilizers up	*9000	*9000	*9000	7800	7800	5550	5150	5150	3750				3850	3850	2800	7490
	SA – 2 sets stabilizers down	*9000	*9000	*9000	*9800	*9800	*9800	*7200	*7200	*7200				*4250	*4250	*4250	
	Narrow – 2 sets stabilizers up	*8900	*8900	8650	6950	6950	4800	4600	4600	3250				3450	3450	2450	
	Narrow – 2 sets stabilizers down	*8900	*8900	*8900	*9800	*9800	*9800	*7200	*7200	6350				*4200	*4200	*4200	
-3000 mm	SA – 2 sets stabilizers up	*11 650	*11 650	10 250	7850	7850	5550	5200	5200	3800				4600	4600	3350	6580
	SA – 2 sets stabilizers down	*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	*6100				*5150	*5150	*5150	
	Narrow – 2 sets stabilizers up	*11 700	*11 700	8800	7000	7000	4850	4650	4650	3300				4100	4100	2950	
	Narrow – 2 sets stabilizers down	*11 700	*11 700	*11 700	*8450	*8450	*8450	*6150	*6150	*6150				*5150	*5150	*5150	
-4500 mm	SA – 2 sets stabilizers up				*5450	*5450	*5450							*4450	*4450	*4450	5050
	SA – 2 sets stabilizers down				*5450	*5450	*5450							*4450	*4450	*4450	
	Narrow – 2 sets stabilizers up				*5550	*5550	5050							*4500	*4500	4300	
	Narrow – 2 sets stabilizers down				*5550	*5550	*5550							*4500	*4500	*4500	

*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 (3700 kg), heavy lift on.



Undercarriage Standard

Boom One-Piece

Stick 2.8 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm		
6000 mm	Front stabilizer and rear dozer up							*5200		4000				*3000	*3000	*3000
	Front stabilizer and rear dozer down							*5200	*5200	*5200				*3000	*3000	*3000
	2 sets stabilizers up							*5200		4050				*3000	*3000	*3000
	2 sets stabilizers down							*5200		*5200				*3000	*3000	*3000
	Front dozer and rear stabilizer up							*5200		4000				*3000	*3000	*3000
	Front dozer and rear stabilizer down							*5200	*5200	*5200				*3000	*3000	*3000
4500 mm	Front stabilizer and rear dozer up							5350	3900	3900	3750	2700	*2900	*2900	*2900	2550
	Front stabilizer and rear dozer down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900
	2 sets stabilizers up							5500	3950	3850	3850	2750	*2900	*2900	*2900	2600
	2 sets stabilizers down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900
	Front dozer and rear stabilizer up							5550	3900	3900	3900	2700	*2900	*2900	*2900	2550
	Front dozer and rear stabilizer down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900
3000 mm	Front stabilizer and rear dozer up					8000	5600	5150	3700	3650	2650	*2950	*2950	*2950	*2950	2300
	Front stabilizer and rear dozer down					*8250	*8250	*8250	*6400	*6400	6000	*5450	*5450	*2950	*2950	*2950
	2 sets stabilizers up					8250	5700	5300	3750	3800	2700	*2950	*2950	*2950	*2950	2350
	2 sets stabilizers down					*8250	*8250	*8250	*6400	*6400	*5450	*5450	*2950	*2950	*2950	*2950
	Front dozer and rear stabilizer up					*8250	5600	5350	3700	3800	2650	*2950	*2950	*2950	*2950	2300
	Front dozer and rear stabilizer down					*8250	*8250	*8250	*6400	*6400	6150	*5450	*5450	4350	*2950	*2950
1500 mm	Front stabilizer and rear dozer up					7550	5200	4950	3500	3550	2550	3100	*3150	*3150	*3150	2200
	Front stabilizer and rear dozer down					*9700	*9700	*9700	*7050	*7050	5750	*5700	*5700	4150	*3150	*3150
	2 sets stabilizers up					7800	5250	5100	3550	3700	2600	*3150	*3150	*3150	*3150	2250
	2 sets stabilizers down					*9700	*9700	*9700	*7050	*7050	6950	*5700	*5700	4950	*3150	*3150
	Front dozer and rear stabilizer up					7850	5200	5150	3500	3700	2550	*3150	*3150	2200	*3150	*3150
	Front dozer and rear stabilizer down					*9700	*9700	9150	*7050	*7050	5900	*5700	*5700	4250	*3150	*3150
0 mm	Front stabilizer and rear dozer up					7300	4950	4800	3350	3500	2500	3200	*3550	*3550	*3550	2250
	Front stabilizer and rear dozer down					*10 200	*10 200	8600	*7400	*7400	5600	*5750	*5750	4050	*3550	*3550
	2 sets stabilizers up					7500	5050	4950	3400	3600	2500	3300	*3550	*3550	*3550	2300
	2 sets stabilizers down					*10 200	*10 200	*10 200	*7400	*7400	6800	*5750	*5750	4900	*3550	*3550
	Front dozer and rear stabilizer up					7600	4950	5000	3350	3650	2500	3300	*3550	*3550	*3550	2250
	Front dozer and rear stabilizer down					*10 200	*10 200	8900	*7400	*7400	5750	*5750	*5750	4150	*3550	*3550
-1500 mm	Front stabilizer and rear dozer up					*9000	9000	7200	4900	4700	3300			3500	*4250	2450
	Front stabilizer and rear dozer down					*9000	*9000	*9000	*9800	*9800	8550	*7200	*7200	5550	*4250	*4250
	2 sets stabilizers up					*9000	*9000	7450	4950	4900	3350			3600	*4250	2500
	2 sets stabilizers down					*9000	*9000	*9800	*9800	*9800	*7200	*7200	6700	*4250	*4250	*4250
	Front dozer and rear stabilizer up					*9000	9000	7500	4900	4900	3300			3650	*4250	2450
	Front dozer and rear stabilizer down					*9000	*9000	*9800	*9800	*9800	*7200	*7200	5650	*4250	*4250	4150
-3000 mm	Front stabilizer and rear dozer up					*11 650	9150	7250	4950	4750	3350			4200	*5150	2950
	Front stabilizer and rear dozer down					*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	5550	*5150	*5150
	2 sets stabilizers up					*11 650	9250	7500	5000	4900	3400			4350	*5150	3000
	2 sets stabilizers down					*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	6100	*5150	*5150	*5150
	Front dozer and rear stabilizer up					*11 650	9150	7550	4950	4950	3350			4400	*5150	2950
	Front dozer and rear stabilizer down					*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	5700	*5150	*5150
-4500 mm	Front stabilizer and rear dozer up					*5450	5150							*4450	*4450	4400
	Front stabilizer and rear dozer down					*5450	*5450	*5450						*4450	*4450	*4450
	2 sets stabilizers up					*5450	5200							*4450	*4450	4450
	2 sets stabilizers down					*5450	*5450	*5450						*4450	*4450	*4450
	Front dozer and rear stabilizer up					*5450	5150							*4450	*4450	4400
	Front dozer and rear stabilizer down					*5450	*5450	*5450						*4450	*4450	*4450

*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 One-Piece

Stick 2.8 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm			
																				
6000 mm	Front stabilizer and rear dozer up							*5200		4250				*3000		*3000	7010			
	Front stabilizer and rear dozer down							*5200	*5200	*5200				*3000	*3000	*3000				
	2 sets stabilizers up							*5200		4300				*3000		*3000				
	2 sets stabilizers down							*5200		4200				*3000		*3000				
	Front dozer and rear stabilizer up							*5200		4250				*3000		*3000				
	Front dozer and rear stabilizer down							*5200	*5200	*5200				*3000	*3000	*3000				
4500 mm	Front stabilizer and rear dozer up							5650		4150		3950	2900	*2900		*2900	7740			
	Front stabilizer and rear dozer down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900				
	2 sets stabilizers up							*5700		4200		4000	2950	*2900		2800				
	2 sets stabilizers down							*5700		*5700		*4000	*4000	*2900		*2900				
	Front dozer and rear stabilizer up							*5700		4150		*4000	2900	*2900		2750				
	Front dozer and rear stabilizer down							*5700	*5700	*5700	*4000	*4000	*4000	*2900	*2900	*2900				
3000 mm	Front stabilizer and rear dozer up							*8250		5450		3900	2850	*2950		2500	8130			
	Front stabilizer and rear dozer down					*8250	*8250	*8250	*6400	*6400	6300	*5450	4500	*2950	*2950	*2950				
	2 sets stabilizers up					*8250		6050	5600	4000	4000	2850	*2950		2500					
	2 sets stabilizers down					*8250		*8250	*6400	*6400	*5450	5350	*2950		*2950					
	Front dozer and rear stabilizer up					*8250		5950	5650	3950	4050	2850	*2950		2500					
	Front dozer and rear stabilizer down					*8250	*8250	*8250	*6400	*6400	*6400	*5450	*5450	4600	*2950	*2950				
1500 mm	Front stabilizer and rear dozer up							8000		5550		5250	3750	3800	2750	*3150	2400	8210		
	Front stabilizer and rear dozer down							*9700	*9700	9400	*7050	*7050	*5700	*5700	4400	*3150	*3150			
	2 sets stabilizers up							8250	5600	5400	3800	3900	2800	*3150		2450				
	2 sets stabilizers down							*9700	*9700	*7050	*7050	*5700	5250	*3150		*3150				
	Front dozer and rear stabilizer up							8300	5550	5450	3750	3950	2750	*3150		2400				
	Front dozer and rear stabilizer down							*9700	*9700	9650	*7050	*7050	6250	*5700	*5700	4500	*3150		*3150	
0 mm	Front stabilizer and rear dozer up							7750		5300		5100	3600	3700	2650	3400	2450	8000		
	Front stabilizer and rear dozer down							*10 200	*10 200	9100	*7400	*7400	5950	*5750	*5750	4300	*3550		*3550	
	2 sets stabilizers up							8000	5400	5250	3650	3850	2700	3500	2450		2450			
	2 sets stabilizers down							*10 200		*10 200	*7400	7150	*5750	5150	*3550		*3550			
	Front dozer and rear stabilizer up							8050	5300	5300	3600	3850	2650	*3550		2450				
	Front dozer and rear stabilizer down							*10 200	*10 200	9400	*7400	*7400	6050	*5750	*5750	4400	*3550		*3550	
-1500 mm	Front stabilizer and rear dozer up							*9000		7650		5000	3550			3700	2650	7490		
	Front stabilizer and rear dozer down							*9000	*9000	*9000	*9800	*9800	9050	*7200	*7200	5850	*4250		*4250	
	2 sets stabilizers up							*9000		7900		5300	5200	3600	3850	2700			2700	
	2 sets stabilizers down							*9000		*9000	*9800	*9800	*7200	7050	*4250		*4250			
	Front dozer and rear stabilizer up							*9000		7950		5250	5200	3550	3850	2650			2650	
	Front dozer and rear stabilizer down							*9000	*9000	*9800	*9800	9300	*7200	*7200	6000	*4250	*4250		*4250	
-3000 mm	Front stabilizer and rear dozer up							*11 650		9750		7700	5300	5050	3600	4450	3200	6580		
	Front stabilizer and rear dozer down							*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	5900	*5150		*5150	
	2 sets stabilizers up							*11 650		9900		7950	5350	5200	3650	4600	3250			3250
	2 sets stabilizers down							*11 650		*11 650	*8450	*8450	*6100	*6100	6100	*5150			*5150	
	Front dozer and rear stabilizer up							*11 650		9750		8000	5300	5250	3600	4650	3200			3200
	Front dozer and rear stabilizer down							*11 650	*11 650	*11 650	*8450	*8450	*8450	*6100	*6100	6050	*5150		*5150	
-4500 mm	Front stabilizer and rear dozer up							*5450		*5450						*4450	*4450	5050		
	Front stabilizer and rear dozer down							*5450	*5450	*5450						*4450	*4450			
	2 sets stabilizers up							*5450		*5450						*4450	*4450			
	2 sets stabilizers down							*5450		*5450						*4450	*4450			
	Front dozer and rear stabilizer up							*5450		*5450						*4450	*4450			
	Front dozer and rear stabilizer down							*5450	*5450	*5450						*4450	*4450			

*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, without bucket, with counterweight (3700 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 One-Piece

Stick 3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick			mm	
																		
6000 mm	SA – 2 sets stabilizers up														*3250	*3250	*3250	7300
	SA – 2 sets stabilizers down														*3250	*3250	*3250	
	Narrow – 2 sets stabilizers up														*3250	*3250	3050	
	Narrow – 2 sets stabilizers down														*3250	*3250	*3250	
4500 mm	SA – 2 sets stabilizers up							*5650	*5650	4500	4250	4250	3250	*3250	*3250	2950	8010	
	SA – 2 sets stabilizers down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
	Narrow – 2 sets stabilizers up							5350	5350	4000	3850	3850	2900	*3250	*3250	2600		
	Narrow – 2 sets stabilizers down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
3000 mm	SA – 2 sets stabilizers up				*8000	*8000	6400	5700	5700	4300	4150	4150	3150	*3350	*3350	2700	8380	
	SA – 2 sets stabilizers down				*8000	*8000	*8000	*6400	*6400	*6400	*5600	*5600	*5600	*3350	*3350	*3350		
	Narrow – 2 sets stabilizers up				7800	7800	5650	5150	5150	3850	3750	3750	2800	3200	3200	2400		
	Narrow – 2 sets stabilizers down				*8000	*8000	*8000	*6400	*6400	*6400	*5600	*5600	4950	*3350	*3350	*3350		
1500 mm	SA – 2 sets stabilizers up				8250	8250	6000	5500	5500	4100	4050	4050	3050	3450	3450	2600	8470	
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7250	*7250	*7250	*5950	*5950	*5950	*3600	*3600	*3600		
	Narrow – 2 sets stabilizers up				7400	7400	5250	4950	4950	3650	3650	3650	2700	3100	3100	2300		
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7250	*7250	6650	*5950	*5950	4850	*3600	*3600	*3600		
0 mm	SA – 2 sets stabilizers up	*6950	*6950	*6950	7900	7900	5700	5350	5350	3950	3950	3950	3000	3500	3500	2650	8270	
	SA – 2 sets stabilizers down	*6950	*6950	*6950	*10 600	*10 600	*10 600	*7750	*7750	*7750	*6150	*6150	*6150	*4100	*4100	*4100		
	Narrow – 2 sets stabilizers up	*6950	*6950	*6950	7100	7100	5000	4800	4800	3500	3600	3600	2650	3150	3150	2300		
	Narrow – 2 sets stabilizers down	*6950	*6950	*6950	*10 600	*10 600	9900	*7750	*7750	6450	*6150	*6150	4750	*4100	*4100	*4100		
-1500 mm	SA – 2 sets stabilizers up	*9700	*9700	*9700	7800	7800	5600	5250	5250	3850	3900	3900	2950	3750	3750	2800	7780	
	SA – 2 sets stabilizers down	*9700	*9700	*9700	*10 500	*10 500	*10 500	*7750	*7750	*7750	*6000	*6000	*6000	*4950	*4950	*4950		
	Narrow – 2 sets stabilizers up	*9700	*9700	8550	6950	6950	4900	4700	4700	3400	3550	3550	2600	3400	3400	2450		
	Narrow – 2 sets stabilizers down	*9700	*9700	*9700	*10 500	*10 500	9750	*7750	*7750	6350	*6000	*6000	4700	*4950	*4950	4450		
-3000 mm	SA – 2 sets stabilizers up	*13 500	*13 500	10 050	7800	7800	5600	5200	5200	3850				4350	4350	3250	6920	
	SA – 2 sets stabilizers down	*13 500	*13 500	*13 500	*9500	*9500	*9500	*7050	*7050	*7050				*5750	*5750	*5750		
	Narrow – 2 sets stabilizers up	13 250	13 250	8650	6950	6950	4850	4700	4700	3400				3900	3900	2850		
	Narrow – 2 sets stabilizers down	*13 500	*13 500	*13 500	*9500	*9500	*9500	*7050	*7050	6350				*5750	*5750	5250		
-4500 mm	SA – 2 sets stabilizers up	*10 000	*10 000	*10 000	*7250	*7250	5700							*5650	*5650	4400	5500	
	SA – 2 sets stabilizers down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		
	Narrow – 2 sets stabilizers up	*10 000	*10 000	8850	7050	7050	5000							5350	5350	3850		
	Narrow – 2 sets stabilizers down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		

*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, 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 One-Piece

Stick 3.3 m Industrial Stick

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm	
																		
6000 mm	SA – 2 sets stabilizers up														*3250	*3250	*3250	7300
	SA – 2 sets stabilizers down														*3250	*3250	*3250	
	Narrow – 2 sets stabilizers up														*3250	*3250	3250	
	Narrow – 2 sets stabilizers down														*3250	*3250	*3250	
4500 mm	SA – 2 sets stabilizers up							*5650	*5650	4750	4450	4450	3450	*3250	*3250	3100	8010	
	SA – 2 sets stabilizers down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
	Narrow – 2 sets stabilizers up							5650	5650	4250	4050	4050	3050	*3250	*3250	2800		
	Narrow – 2 sets stabilizers down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
3000 mm	SA – 2 sets stabilizers up				*8000	*8000	6750	6000	6000	4550	4400	4400	3350	*3350	*3350	2850	8380	
	SA – 2 sets stabilizers down				*8000	*8000	*8000	*6400	*6400	*6400	*5600	*5600	*5600	*3350	*3350	*3350		
	Narrow – 2 sets stabilizers up				*8000	*8000	6000	5450	5450	4050	4000	4000	3000	*3350	*3350	2550		
	Narrow – 2 sets stabilizers down				*8000	*8000	*8000	*6400	*6400	*6400	*5600	*5600	5200	*3350	*3350	*3350		
1500 mm	SA – 2 sets stabilizers up				8650	8650	6350	5800	5800	4350	4250	4250	3250	*3600	*3600	2750	8470	
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7250	*7250	*7250	*5950	*5950	*5950	*3600	*3600	*3600		
	Narrow – 2 sets stabilizers up				7800	7800	5600	5250	5250	3900	3900	2900	3300	3300	2450			
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7250	*7250	7000	*5950	*5950	5100	*3600	*3600	*3600		
0 mm	SA – 2 sets stabilizers up	*6950	*6950	*6950	8350	8350	6050	5600	5600	4200	4200	4200	3150	3700	3700	2800	8270	
	SA – 2 sets stabilizers down	*6950	*6950	*6950	*10 600	*10 600	*10 600	*7750	*7750	*7750	*6150	*6150	*6150	*4100	*4100	*4100		
	Narrow – 2 sets stabilizers up	*6950	*6950	*6950	7500	7500	5350	5100	5100	3700	3800	3800	2800	3350	3350	2500		
	Narrow – 2 sets stabilizers down	*6950	*6950	*6950	*10 600	*10 600	10 450	*7750	*7750	6800	*6150	*6150	5000	*4100	*4100	*4100		
-1500 mm	SA – 2 sets stabilizers up	*9700	*9700	*9700	8200	8200	5950	5550	5550	4100	4150	4150	3100	3950	3950	3000	7780	
	SA – 2 sets stabilizers down	*9700	*9700	*9700	*10 500	*10 500	*10 500	*7750	*7750	*7750	*6000	*6000	*6000	*4950	*4950	*4950		
	Narrow – 2 sets stabilizers up	*9700	*9700	9150	7350	7350	5200	5000	5000	3650	3750	3750	2750	3600	3600	2650		
	Narrow – 2 sets stabilizers down	*9700	*9700	*9700	*10 500	*10 500	10 300	*7750	*7750	6700	*6000	*6000	4950	*4950	*4950	4700		
-3000 mm	SA – 2 sets stabilizers up	*13 500	*13 500	10 700	8200	8200	5950	5500	5500	4100				4600	4600	3450	6920	
	SA – 2 sets stabilizers down	*13 500	*13 500	*13 500	*9500	*9500	*9500	*7050	*7050	*7050				*5750	*5750	*5750		
	Narrow – 2 sets stabilizers up	*13 500	*13 500	9200	7350	7350	5200	5000	5000	3650				4150	4150	3050		
	Narrow – 2 sets stabilizers down	*13 500	*13 500	*13 500	*9500	*9500	*9500	*7050	*7050	6700				*5750	*5750	5500		
-4500 mm	SA – 2 sets stabilizers up	*10 000	*10 000	*10 000	*7250	*7250	6050							*5650	*5650	4650	5500	
	SA – 2 sets stabilizers down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		
	Narrow – 2 sets stabilizers up	*10 000	*10 000	9400	*7250	*7250	5300							*5650	*5650	4150		
	Narrow – 2 sets stabilizers down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		

*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, without bucket, with counterweight (3700 kg), heavy lift on.



Undercarriage Standard

Boom One-Piece

Stick 3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 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		
6000 mm	Front stabilizer and rear dozer up															*3250	*3250	7300
	Front stabilizer and rear dozer down															*3250	*3250	
	2 sets stabilizers up															*3250	*3250	
	2 sets stabilizers down															*3250	*3250	
	Front dozer and rear stabilizer up															*3250	*3250	
	Front dozer and rear stabilizer down															*3250	*3250	
4500 mm	Front stabilizer and rear dozer up							*5650		4300	4100					*3250	*3250	8010
	Front stabilizer and rear dozer down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
	2 sets stabilizers up							*5650		4350	4250					*3250	2800	
	2 sets stabilizers down							*5650		*5650	*4500					*3250	2800	
	Front dozer and rear stabilizer up							*5650		4300	4250					*3250	2800	
	Front dozer and rear stabilizer down							*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250		
3000 mm	Front stabilizer and rear dozer up						*8000	6100		5550						*3350	2550	8380
	Front stabilizer and rear dozer down						*8000	*8000	*8000	*6400	*6400	*5600	*5600	*3350	*3350	*3350		
	2 sets stabilizers up						*8000	6200	5700		4150	4150				*3350	2600	
	2 sets stabilizers down						*8000	*8000	*6400		*6400	*5600				*3350	*3350	
	Front dozer and rear stabilizer up						*8000	6100	5750		4100	4200				*3350	2550	
	Front dozer and rear stabilizer down						*8000	*8000	*6400	*6400	*6400	*5600	*5600	4700	*3350	*3350	*3350	
1500 mm	Front stabilizer and rear dozer up						8100	5700		5350						3300	2450	8470
	Front stabilizer and rear dozer down						*9700	*9700	9450		*7250					*5950	*3600	
	2 sets stabilizers up						8300	5750	5500		3950	4050				2950	3400	
	2 sets stabilizers down						*9700	*9700	*7250		*7250	*5950				5350	*3600	
	Front dozer and rear stabilizer up						8350	5700	5550		3900	4050				2900	3450	
	Front dozer and rear stabilizer down						*9700	*9700	9700	*7250	*7250	6300	*5950	*5950	4600	*3600	*3600	
0 mm	Front stabilizer and rear dozer up						*6950	7750		5450	5200					2850	3350	8270
	Front stabilizer and rear dozer down						*6950	*6950	*6950	*10 600	*10 600	9100	*7750	*7750	6000	*6150	*6150	
	2 sets stabilizers up						*6950	8000	5500		5350					4400	*4100	
	2 sets stabilizers down						*6950	*6950	*10 600		*10 600	*7750				3800	3950	
	Front dozer and rear stabilizer up						*6950	8050	5450		5400					3750	3500	
	Front dozer and rear stabilizer down						*6950	*6950	*10 600	9400	*7750	*7750	6150	*6150	*6150	4500	*4100	
-1500 mm	Front stabilizer and rear dozer up						*9700	9450		7650	5100					2800	3600	7780
	Front stabilizer and rear dozer down						*9700	*9700	*9700	*10 500	*10 500	8950	*7750	*7750	5900	*6000	*6000	
	2 sets stabilizers up						*9700	9600	7850		5350	5250				3700	3900	
	2 sets stabilizers down						*9700	*9700	*10 500		*10 500	*7750				3700	3900	
	Front dozer and rear stabilizer up						*9700	9450	7900		5300	5300				3650	3950	
	Front dozer and rear stabilizer down						*9700	*9700	*10 500	9250	*7750	*7750	6050	*6000	*6000	4450	*4950	
-3000 mm	Front stabilizer and rear dozer up						*13 500	9550		7650	5300					4200	3100	6920
	Front stabilizer and rear dozer down						*13 500	*13 500	*13 500	*9500	*9500	8950	*7050	*7050	5900		*5750	
	2 sets stabilizers up						*13 500	9650	7850		5350	5250				3700	4350	
	2 sets stabilizers down						*13 500	*13 500	*9500		*9500	*7050				*7050	*5750	
	Front dozer and rear stabilizer up						*13 500	9550	7900		5300	5250				3650	4400	
	Front dozer and rear stabilizer down						*13 500	*13 500	*13 500	*9500	*9500	9250	*7050	*7050	6050		*5750	
-4500 mm	Front stabilizer and rear dozer up						*10 000	9750		7250	5400					*5650	4150	5500
	Front stabilizer and rear dozer down						*10 000	*10 000	*10 000	*7250	*7250	*7250				*5650	*5650	
	2 sets stabilizers up						*10 000	9900	7250		5450					*5650	4250	
	2 sets stabilizers down						*10 000	*10 000	*7250		*7250					*5650	*5650	
	Front dozer and rear stabilizer up						*10 000	9750	7250		5400					*5650	4150	
	Front dozer and rear stabilizer down						*10 000	*10 000	*10 000	*7250	*7250	*7250				*5650	*5650	

*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, 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 One-Piece

Stick 3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach (sticknose/bucket pin)			mm	
																		
6000 mm	Front stabilizer and rear dozer up														*3250		*3250	7300
	Front stabilizer and rear dozer down														*3250	*3250	*3250	
	2 sets stabilizers up														*3250		*3250	
	2 sets stabilizers down														*3250		*3250	
	Front dozer and rear stabilizer up														*3250		*3250	
	Front dozer and rear stabilizer down														*3250	*3250	*3250	
4500 mm	Front stabilizer and rear dozer up								*5650		4550	4350			*3250	*3250	2950	8010
	Front stabilizer and rear dozer down								*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250	
	2 sets stabilizers up								*5650		4600	4450			*3250		3000	
	2 sets stabilizers down								*5650		*5650	*4500			*5650		*3250	
	Front dozer and rear stabilizer up								*5650		4550	4500			*3250		2950	
	Front dozer and rear stabilizer down								*5650	*5650	*5650	*4500	*4500	*4500	*3250	*3250	*3250	
3000 mm	Front stabilizer and rear dozer up					*8000	6450	5850			4350	4250			3200	*3350	2750	8380
	Front stabilizer and rear dozer down					*8000	*8000	*8000	*6400	*6400	*6400	*5600			4850	*3350	*3350	
	2 sets stabilizers up					*8000	6550	6000			4400	4400			3250	*3350	2750	
	2 sets stabilizers down					*8000	*8000	*6400			*6400	*5600			*5600	*3350	*3350	
	Front dozer and rear stabilizer up					*8000	6450	6050			4350	4400			3200	*3350	2750	
	Front dozer and rear stabilizer down					*8000	*8000	*6400	*6400	*6400	*6400	*5600	*5600			4950	*3350	
1500 mm	Front stabilizer and rear dozer up					8550	6050	5650			4150	4150			3100	3500	2650	8470
	Front stabilizer and rear dozer down					*9700	*9700	*9700	*7250	*7250	6500	*5950			4750	*3600	*3600	
	2 sets stabilizers up					8750	6150	5800			4200	4300			3150	3600	2650	
	2 sets stabilizers down					*9700	*9700	*7250			*7250	*5950			5600	*3600	*3600	
	Front dozer and rear stabilizer up					8800	6050	5850			4150	4300			3100	*3600	2650	
	Front dozer and rear stabilizer down					*9700	*9700	*9700	*7250	*7250	6650	*5950	*5950			4850	*3600	
0 mm	Front stabilizer and rear dozer up	*6950		*6950	8200	5800	5500			4000	4050			3000	3550	2650	8270	
	Front stabilizer and rear dozer down	*6950	*6950	*6950	*10 600	*10 600	9600	*7750	*7750	6300	*6150	*6150			4650	*4100		*4100
	2 sets stabilizers up	*6950		*6950	8450	5850	5650			4050	4200			3050	3700	2700		
	2 sets stabilizers down	*6950		*6950	*10 600		*10 600	*7750			7550	*6150			5500	*4100		*4100
	Front dozer and rear stabilizer up	*6950		*6950	8500	5800	5700			4000	4200			3000	3700	2650		
	Front dozer and rear stabilizer down	*6950	*6950	*6950	*10 600	*10 600	9900	*7750	*7750	6450	*6150	*6150			4750	*4100		*4100
-1500 mm	Front stabilizer and rear dozer up	*9700		*9700	8100	5650	5400			3900	4000			2950	3850	2850	7780	
	Front stabilizer and rear dozer down	*9700	*9700	*9700	*10 500	*10 500	9450	*7750	*7750	6250	*6000	*6000			4600	*4950		4400
	2 sets stabilizers up	*9700		*9700	8300	5750	5550			3950	4150			3000	3950	2900		
	2 sets stabilizers down	*9700		*9700	*10 500		*10 500	*7750			7450	*6000			5450	*4950		*4950
	Front dozer and rear stabilizer up	*9700		*9700	8350	5650	5600			3900	4150			2950	4000	2850		
	Front dozer and rear stabilizer down	*9700	*9700	*9700	*10 500	*10 500	9750	*7750	*7750	6350	*6000	*6000			4700	*4950		*4950
-3000 mm	Front stabilizer and rear dozer up	*13 500		10 200	8100	5650	5400			3900				4450		3300	6920	
	Front stabilizer and rear dozer down	*13 500	*13 500	*13 500	*9500	*9500	9450	*7050	*7050	6200				5750	*5750	5150		
	2 sets stabilizers up	*13 500		10 300	8300	5750	5550			3950				4600		3350		
	2 sets stabilizers down	*13 500		*13 500	*9500	*9500	*7050			*7050				5750		*5750		
	Front dozer and rear stabilizer up	*13 500		10 200	8350	5650	5550			3900				4650		3300		
	Front dozer and rear stabilizer down	*13 500	*13 500	*13 500	*9500	*9500	*7050	*7050	6350					5750	*5750	5250		
-4500 mm	Front stabilizer and rear dozer up	*10 000		*10 000	*7250	5750								*5650		4450	5500	
	Front stabilizer and rear dozer down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		
	2 sets stabilizers up	*10 000		*10 000	*7250	5850								*5650		4500		
	2 sets stabilizers down	*10 000		*10 000	*7250	*7250								*5650		*5650		
	Front dozer and rear stabilizer up	*10 000		*10 000	*7250	5750								*5650		4450		
	Front dozer and rear stabilizer down	*10 000	*10 000	*10 000	*7250	*7250	*7250							*5650	*5650	*5650		

*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 (3700 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 VA

Stick 2.8 m

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
6000 mm	SA – 2 sets stabilizers up							*5150	*5150	4200				*2850	*2850	*2850	6990
	SA – 2 sets stabilizers down							*5150	*5150	*5150				*2850	*2850	*2850	
	Narrow – 2 sets stabilizers up							5100	5100	3700				*2850	*2850	2850	
	Narrow – 2 sets stabilizers down							*5150	*5150	*5150				*2850	*2850	*2850	
4500 mm	SA – 2 sets stabilizers up				*6600	*6600	6400	5550	5550	4100	3850	3850	2850	*2750	*2750	2700	7730
	SA – 2 sets stabilizers down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
	Narrow – 2 sets stabilizers up				*6550	*6550	5650	5000	5000	3600	3450	3450	2500	*2750	*2750	2350	
	Narrow – 2 sets stabilizers down				*6550	*6550	*6550	*5850	*5850	*5850	*3850	*3850	*3850	*2750	*2750	*2750	
3000 mm	SA – 2 sets stabilizers up				8250	8250	5900	5300	5300	3900	3800	3800	2750	*2750	*2750	2450	8110
	SA – 2 sets stabilizers down				*8350	*8350	*8350	*6500	*6500	*6500	*5500	*5500	*5500	*2750	*2750	*2750	
	Narrow – 2 sets stabilizers up				7400	7400	5200	4800	4800	3400	3400	3400	2400	*2750	*2750	2100	
	Narrow – 2 sets stabilizers down				*8350	*8350	*8350	*6450	*6450	*6450	*5450	*5450	4600	*2750	*2750	*2750	
1500 mm	SA – 2 sets stabilizers up				7750	7750	5450	5100	5100	3700	3700	3700	2700	*2900	*2900	2350	8190
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7100	*7100	*7100	*5700	*5700	*5700	*2900	*2900	*2900	
	Narrow – 2 sets stabilizers up				6900	6900	4750	4550	4550	3200	3300	3300	2300	2900	2900	2000	
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	6250	*5700	*5700	4500	*2900	*2900	*2900	
0 mm	SA – 2 sets stabilizers up				7450	7450	5200	4950	4950	3550	3600	3600	2600	*3200	*3200	2400	7990
	SA – 2 sets stabilizers down				*10 100	*10 100	*10 100	*7350	*7350	*7350	*5650	*5650	*5650	*3200	*3200	*3200	
	Narrow – 2 sets stabilizers up				6600	6600	4500	4400	4400	3050	3200	3200	2250	2950	2950	2050	
	Narrow – 2 sets stabilizers down				*10 100	*10 100	9450	*7350	*7350	6100	*5650	*5650	4400	*3200	*3200	*3200	
-1500 mm	SA – 2 sets stabilizers up	*9050	*9050	*9050	7350	7350	5100	4850	4850	3450				3600	3600	2600	7470
	SA – 2 sets stabilizers down	*9050	*9050	*9050	*9550	*9550	*9550	*7000	*7000	*7000				*3750	*3750	*3750	
	Narrow – 2 sets stabilizers up	*8950	*8950	8000	6500	6500	4400	4300	4300	3000				3200	3200	2250	
	Narrow – 2 sets stabilizers down	*8950	*8950	*8950	*9600	*9600	9350	*7000	*7000	6000				*3750	*3750	*3750	
-3000 mm	SA – 2 sets stabilizers up	*10 900	*10 900	9550	7400	7400	5150	4900	4900	3500				4350	4350	3150	6550
	SA – 2 sets stabilizers down	*10 900	*10 900	*10 900	*8000	*8000	*8000	*5700	*5700	*5700				*4700	*4700	*4700	
	Narrow – 2 sets stabilizers up	*11 000	*11 000	8150	6550	6550	4450	4350	4350	3050				3900	3900	2700	
	Narrow – 2 sets stabilizers down	*11 000	*11 000	*11 000	*8050	*8050	*8050	*5750	*5750	*5750				*4700	*4700	*4700	

*Limited by hydraulic rather than tipping load.


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

Stick 2.8 m

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
6000 mm	SA – 2 sets stabilizers up							*5150	*5150	4450				*2850	*2850	*2850	6990
	SA – 2 sets stabilizers down							*5150	*5150	*5150				*2850	*2850	*2850	
	Narrow – 2 sets stabilizers up							*5150	*5150	3950				*2850	*2850	*2850	
	Narrow – 2 sets stabilizers down							*5150	*5150	*5150				*2850	*2850	*2850	
4500 mm	SA – 2 sets stabilizers up				*6600	*6600	*6600	5850	5850	4350	*3900	*3900	3050	*2750	*2750	*2750	7730
	SA – 2 sets stabilizers down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
	Narrow – 2 sets stabilizers up				*6550	*6550	6000	5250	5250	3850	3700	3700	2650	*2750	*2750	*2750	
	Narrow – 2 sets stabilizers down				*6550	*6550	*6550	*5850	*5850	*5850	*3850	*3850	*3850	*2750	*2750	*2750	
3000 mm	SA – 2 sets stabilizers up				*8350	*8350	6300	5600	5600	4150	4000	4000	2950	*2750	*2750	2600	8110
	SA – 2 sets stabilizers down				*8350	*8350	*8350	*6500	*6500	*6500	*5500	*5500	*5500	*2750	*2750	*2750	
	Narrow – 2 sets stabilizers up				7800	7800	5550	5050	5050	3650	3600	3600	2600	*2750	*2750	2300	
	Narrow – 2 sets stabilizers down				*8350	*8350	*8350	*6450	*6450	*6450	*5450	*5450	4850	*2750	*2750	*2750	
1500 mm	SA – 2 sets stabilizers up				8150	8150	5850	5400	5400	3950	3900	3900	2850	*2900	*2900	2500	8190
	SA – 2 sets stabilizers down				*9700	*9700	*9700	*7100	*7100	*7100	*5700	*5700	*5700	*2900	*2900	*2900	
	Narrow – 2 sets stabilizers up				7300	7300	5100	4850	4850	3450	3500	3500	2500	*2900	*2900	2200	
	Narrow – 2 sets stabilizers down				*9700	*9700	*9700	*7050	*7050	6600	*5700	*5700	4750	*2900	*2900	*2900	
0 mm	SA – 2 sets stabilizers up				7900	7900	5550	5200	5200	3800	3850	3850	2800	*3200	*3200	2550	7990
	SA – 2 sets stabilizers down				*10 100	*10 100	*10 100	*7350	*7350	*7350	*5650	*5650	*5650	*3200	*3200	*3200	
	Narrow – 2 sets stabilizers up				7000	7000	4850	4700	4700	3300	3450	3450	2450	3150	3150	2250	
	Narrow – 2 sets stabilizers down				*10 100	*10 100	10 000	*7350	*7350	6450	*5650	*5650	4650	*3200	*3200	*3200	
-1500 mm	SA – 2 sets stabilizers up	*9050	*9050	*9050	7800	7800	5500	5150	5150	3700				*3750	*3750	2800	7470
	SA – 2 sets stabilizers down	*9050	*9050	*9050	*9550	*9550	*9550	*7000	*7000	*7000				*3750	*3750	*3750	
	Narrow – 2 sets stabilizers up	*8950	*8950	8550	6900	6900	4750	4600	4600	3250				3450	3450	2450	
	Narrow – 2 sets stabilizers down	*8950	*8950	*8950	*9600	*9600	*9600	*7000	*7000	6350				*3750	*3750	*3750	
-3000 mm	SA – 2 sets stabilizers up	*10 900	*10 900	10 200	7850	7850	5550	5200	5200	3750				4650	4650	3350	6550
	SA – 2 sets stabilizers down	*10 900	*10 900	*10 900	*8000	*8000	*8000	*5700	*5700	*5700				*4700	*4700	*4700	
	Narrow – 2 sets stabilizers up	*11 000	*11 000	8700	6950	6950	4800	4650	4650	3250				4150	4150	2900	
	Narrow – 2 sets stabilizers down	*11 000	*11 000	*11 000	*8050	*8050	*8050	*5750	*5750	*5750				*4700	*4700	*4700	

*Limited by hydraulic rather than tipping load.

Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. 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 (3700 kg), heavy lift on.



Undercarriage Standard

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick 2.8 m			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	
6000 mm	Front stabilizer and rear dozer up							*5150		4000				*2850		*2850	6990
	Front stabilizer and rear dozer down							*5150	*5150	*5150				*2850	*2850	*2850	
	2 sets stabilizers up							*5150		4050				*2850		*2850	
	2 sets stabilizers down							*5150		*5150				*2850		*2850	
	Front dozer and rear stabilizer up							*5150		4000				*2850		*2850	
	Front dozer and rear stabilizer down							*5150	*5150	*5150				*2850	*2850	*2850	
4500 mm	Front stabilizer and rear dozer up				*6600	6100		5400		3900	3750	2700	*2750	*2750	*2750	2550	7730
	Front stabilizer and rear dozer down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
	2 sets stabilizers up				*6600	6150	5550	3950	3850	2750	*2750	*2750	*2750	*2750		2600	
	2 sets stabilizers down				*6600	*6600	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750		*2750	
	Front dozer and rear stabilizer up				*6600	6100	5600	3900	3900	2700	*2750	*2750	*2750	*2750		2550	
	Front dozer and rear stabilizer down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
3000 mm	Front stabilizer and rear dozer up				8100	5650	5200	3700	3650	2600	*2750	*2750	*2750	*2750		2300	8110
	Front stabilizer and rear dozer down				*8350	*8350	*8350	*6500	*6500	6050	*5500	*5500	4250	*2750	*2750	*2750	
	2 sets stabilizers up				8350	5700	5350	3750	3800	2650	*2750	*2750	*2750	*2750		2350	
	2 sets stabilizers down				*8350	*8350	*6500	*6500	*5500	5100	*2750	*2750	*2750	*2750		*2750	
	Front dozer and rear stabilizer up				*8350	5650	5400	3700	3800	2600	*2750	*2750	*2750	*2750		2300	
	Front dozer and rear stabilizer down				*8350	*8350	*8350	*6500	*6500	6200	*5500	*5500	4350	*2750	*2750	*2750	
1500 mm	Front stabilizer and rear dozer up				7600	5200	4950	3500	3550	2550	*2900	*2900	*2900	*2900		2200	8190
	Front stabilizer and rear dozer down				*9700	*9700	*9700	*7100	*7100	5800	*5700	*5700	4150	*2900	*2900	*2900	
	2 sets stabilizers up				7850	5250	5100	3550	3700	2550	*2900	*2900	*2900	*2900		2250	
	2 sets stabilizers down				*9700	*9700	*7100	7000	*5700	5000	*2900	*2900	*2900	*2900		2200	
	Front dozer and rear stabilizer up				7900	5200	5150	3500	3700	2550	*2900	*2900	2450	*2900		2200	
	Front dozer and rear stabilizer down				*9700	*9700	9250	*7100	*7100	5950	*5700	*5700	4250	*2900	*2900	*2900	
0 mm	Front stabilizer and rear dozer up				7300	4900	4800	3350	3500	2450	*3200	*3200	4150	*3200	*3200	2250	7990
	Front stabilizer and rear dozer down				*10 100	*10 100	8650	*7350	*7350	5600	*5650	*5650	4100	*3200	*3200	*3200	
	2 sets stabilizers up				7550	5000	4950	3400	3600	2500	*3200	*3200	2300	*3200		2300	
	2 sets stabilizers down				*10 100	*10 100	*7350	6800	*5650	4900	*3200	*3200	4900	*3200		*3200	
	Front dozer and rear stabilizer up				7600	4900	5000	3350	3650	2450	*3200	*3200	2450	*3200		2250	
	Front dozer and rear stabilizer down				*10 100	*10 100	8900	*7350	*7350	5750	*5650	*5650	4150	*3200	*3200	*3200	
-1500 mm	Front stabilizer and rear dozer up	*9050		8900	7200	4850	4700	3250					3500		2450	7470	
	Front stabilizer and rear dozer down	*9050	*9050	*9050	*9550	*9550	8550	*7000	*7000	5550			*3750	*3750	*3750		
	2 sets stabilizers up	*9050		9000	7450	4900	4850	3300					3600		2500		
	2 sets stabilizers down	*9050		*9050	*9550	*9550	*7000	6750					*3750		*3750		
	Front dozer and rear stabilizer up	*9050		8900	7500	4850	4900	3250					3650		2450		
	Front dozer and rear stabilizer down	*9050	*9050	*9050	*9550	*9550	8800	*7000	*7000	5700			*3750	*3750	*3750		
-3000 mm	Front stabilizer and rear dozer up	*10 900		9050	7250	4900	4750	3300					4250		2950	6550	
	Front stabilizer and rear dozer down	*10 900	*10 900	*10 900	*8000	*8000	*8000	*5700	*5700	5600			*4700	*4700	*4700		
	2 sets stabilizers up	*10 900		9200	7500	4950	4900	3350					4400		3000		
	2 sets stabilizers down	*10 900		*10 900	*8000	*8000	*5700	5700					*4700		*4700		
	Front dozer and rear stabilizer up	*10 900		9050	7550	4900	4950	3300					4400		2950		
	Front dozer and rear stabilizer down	*10 900	*10 900	*10 900	*8000	*8000	*8000	*5700	*5700	5700			*4700	*4700	*4700		

*Limited by hydraulic rather than tipping load.

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



Undercarriage Standard

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick 2.8 m			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	
6000 mm	Front stabilizer and rear dozer up							*5150			4250				*2850	*2850	6990
	Front stabilizer and rear dozer down							*5150	*5150	*5150				*2850	*2850	*2850	
	2 sets stabilizers up							*5150			4300				*2850	*2850	
	2 sets stabilizers down							*5150			*5150				*2850	*2850	
	Front dozer and rear stabilizer up							*5150			4250				*2850	*2850	
	Front dozer and rear stabilizer down							*5150	*5150	*5150				*2850	*2850	*2850	
4500 mm	Front stabilizer and rear dozer up				*6600		6450				5700		4150	*3900	2900	*2750	*2750
	Front stabilizer and rear dozer down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
	2 sets stabilizers up				*6600		6500				4200		*3900	2900	*2750	*2750	
	2 sets stabilizers down				*6600		*5850				*5850		*3900	*3900	*2750	*2750	
	Front dozer and rear stabilizer up				*6600		6450				*5850		4150	*3900	2900	*2750	
	Front dozer and rear stabilizer down				*6600	*6600	*6600	*5850	*5850	*5850	*3900	*3900	*3900	*2750	*2750	*2750	
3000 mm	Front stabilizer and rear dozer up				*8350		6000				5500		3950	3900	2800	*2750	2450
	Front stabilizer and rear dozer down				*8350	*8350	*8350	*6500	*6500	*6500	6350	*5500	*5500	4500	*2750	*2750	
	2 sets stabilizers up				*8350		6050				5650		4000	4000	2850	*2750	2500
	2 sets stabilizers down				*8350		*8350				*6500		*6500	*5500	5350	*2750	*2750
	Front dozer and rear stabilizer up				*8350		6000				5700		3950	4050	2800	*2750	2450
	Front dozer and rear stabilizer down				*8350	*8350	*8350	*6500	*6500	*6500	*5500	*5500	4600	*2750	*2750	*2750	
1500 mm	Front stabilizer and rear dozer up				8050		5550				5250		3750	3800	2700	*2900	2400
	Front stabilizer and rear dozer down				*9700	*9700	9450			*7100	*7100	6100	*5700	*5700	4400	*2900	*2900
	2 sets stabilizers up				8300		5600				5400		3800	3900	2750	*2900	2400
	2 sets stabilizers down				*9700		*9700			*7100	*7100	*7100	*5700	*5700	5250	*2900	*2900
	Front dozer and rear stabilizer up				8350		5550				5450		3750	3950	2700	*2900	2400
	Front dozer and rear stabilizer down				*9700	*9700	*9700	*7100	*7100	*7100	6250	*5700	*5700	4500	*2900	*2900	
0 mm	Front stabilizer and rear dozer up				7750		5300				5100		3600	3700	2650	*3200	2400
	Front stabilizer and rear dozer down				*10 100	*10 100	9150			*7350	*7350	5950	*5650	*5650	4300	*3200	*3200
	2 sets stabilizers up				8000		5350				5250		3650	3850	2700	*3200	2450
	2 sets stabilizers down				*10 100		*10 100			*7350	*7350	7200	*5650	*5650	5150	*3200	*3200
	Front dozer and rear stabilizer up				8050		5300				5300		3600	3850	2650	*3200	2400
	Front dozer and rear stabilizer down				*10 100	*10 100	9400			*7350	*7350	6100	*5650	*5650	4400	*3200	*3200
-1500 mm	Front stabilizer and rear dozer up	*9050		*9050	7650		5200				5000		3500			3700	2650
	Front stabilizer and rear dozer down	*9050	*9050	*9050	*9550	*9550	9050			*7000	*7000	5850			*3750	*3750	*3750
	2 sets stabilizers up	*9050		*9050	7900		5250				5200		3550		*3750		2700
	2 sets stabilizers down	*9050		*9050	*9550		*9550			*7000	*7000	*7000			*3750		*3750
	Front dozer and rear stabilizer up	*9050		*9050	7950		5200				5200		3500		*3750		2650
	Front dozer and rear stabilizer down	*9050	*9050	*9050	*9550	*9550	9300			*7000	*7000	6000			*3750	*3750	*3750
-3000 mm	Front stabilizer and rear dozer up	*10 900		9700	7700		5250				5050		3550			4500	3200
	Front stabilizer and rear dozer down	*10 900	*10 900	*10 900	*8000	*8000	*8000			*5700	*5700	*5700			*4700	*4700	*4700
	2 sets stabilizers up	*10 900		9800	7950		5300				5200		3600		4650		3250
	2 sets stabilizers down	*10 900		*10 900	*8000		*8000			*5700	*5700	*5700			*4700		*4700
	Front dozer and rear stabilizer up	*10 900		9700	*8000		5250				5250		3550		4700		3200
	Front dozer and rear stabilizer down	*10 900	*10 900	*10 900	*8000	*8000	*8000			*5700	*5700	*5700			*4700	*4700	*4700

*Limited by hydraulic rather than tipping load.


Lift capacity ratings are based on ISO 10567:2007, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. The load point is the center line of the bucket pivot mounting pin on the stick. The oscillating axle must be locked. Lifting capacities are based on the machine standing on a firm uniform supporting surface. 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 (3700 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 VA

Stick

3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach (sticknose/bucket pin)			mm
																	
6000 mm	SA – 2 sets stabilizers up							*4950	*4950	4600				*3150	*3150	*3150	7310
	SA – 2 sets stabilizers down							*4950	*4950	*4950				*3150	*3150	*3150	
	Narrow – 2 sets stabilizers up							*4950	*4950	4100				*3150	*3150	3000	
	Narrow – 2 sets stabilizers down							*4950	*4950	*4950				*3150	*3150	*3150	
4500 mm	SA – 2 sets stabilizers up				*5900	*5900	*5900	*5800	*5800	4500	4250	4250	3250	*3100	*3100	2900	8020
	SA – 2 sets stabilizers down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	
	Narrow – 2 sets stabilizers up				*5900	*5900	*5900	5400	5400	4000	3850	3850	2850	*3100	*3100	2600	
	Narrow – 2 sets stabilizers down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	
3000 mm	SA – 2 sets stabilizers up				*8150	*8150	6450	5750	5750	4300	4150	4150	3150	*3200	*3200	2650	8400
	SA – 2 sets stabilizers down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	*5650	*3200	*3200	*3200	
	Narrow – 2 sets stabilizers up				7900	7900	5700	5200	5200	3850	3750	3750	2800	*3200	*3200	2350	
	Narrow – 2 sets stabilizers down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	4950	*3200	*3200	*3200	
1500 mm	SA – 2 sets stabilizers up				8250	8250	6000	5500	5500	4100	4050	4050	3050	*3400	*3400	2550	8480
	SA – 2 sets stabilizers down				*9750	*9750	*9750	*7250	*7250	*7250	*5950	*5950	*5950	*3400	*3400	*3400	
	Narrow – 2 sets stabilizers up				7400	7400	5250	4950	4950	3600	3650	3650	2700	3100	3100	2250	
	Narrow – 2 sets stabilizers down				*9750	*9750	*9750	*7250	*7250	6700	*5950	*5950	4850	*3400	*3400	*3400	
0 mm	SA – 2 sets stabilizers up	*7000	*7000	*7000	7950	7950	5700	5350	5350	3950	3950	2950	3450	3450	2600	8290	
	SA – 2 sets stabilizers down	*7000	*7000	*7000	*10 550	*10 550	*10 550	*7700	*7700	*7700	*6100	*6100	*6100	*3800	*3800		*3800
	Narrow – 2 sets stabilizers up	*7000	*7000	*7000	7100	7100	4950	4800	4800	3450	3550	3550	2600	3150	3150		2300
	Narrow – 2 sets stabilizers down	*7000	*7000	*7000	*10 550	*10 550	9950	*7700	*7700	6500	*6100	*6100	4750	*3800	*3800		*3800
-1500 mm	SA – 2 sets stabilizers up	*9800	*9800	*9800	7800	7800	5550	5200	5200	3850	3900	3900	2900	3750	3750	2750	7790
	SA – 2 sets stabilizers down	*9800	*9800	*9800	*10 350	*10 350	*10 350	*7600	*7600	*7600	*5800	*5800	*5800	*4500	*4500	*4500	
	Narrow – 2 sets stabilizers up	*9800	*9800	8450	6950	6950	4800	4700	4700	3350	3500	3500	2550	3350	3350	2450	
	Narrow – 2 sets stabilizers down	*9800	*9800	*9800	*10 350	*10 350	9800	*7600	*7600	6400	*5800	*5800	4700	*4500	*4500	4450	
-3000 mm	SA – 2 sets stabilizers up	*12 900	*12 900	9950	7750	7750	5550	5200	5200	3800				4350	4350	3200	6930
	SA – 2 sets stabilizers down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	*6750				*5400	*5400	*5400	
	Narrow – 2 sets stabilizers up	*12 900	*12 900	8550	6950	6950	4800	4700	4700	3350				3900	3900	2800	
	Narrow – 2 sets stabilizers down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	6350				*5400	*5400	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. 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, without bucket, with counterweight (4200 kg), heavy lift on.



Undercarriage

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

Boom

VA

Stick

3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 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	
6000 mm	SA – 2 sets stabilizers up							*4950	*4950	4850				*3150	*3150	*3150	7310
	SA – 2 sets stabilizers down							*4950	*4950	*4950				*3150	*3150	*3150	
	Narrow – 2 sets stabilizers up							*4950	*4950	4350				*3150	*3150	*3150	
	Narrow – 2 sets stabilizers down							*4950	*4950	*4950				*3150	*3150	*3150	
4500 mm	SA – 2 sets stabilizers up				*5900	*5900	*5900	*5800	*5800	4750	4450	4450	3400	*3100	*3100	3100	8020
	SA – 2 sets stabilizers down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	
	Narrow – 2 sets stabilizers up				*5900	*5900	*5900	5650	5650	4250	4050	4050	3050	*3100	*3100	2750	
	Narrow – 2 sets stabilizers down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	
3000 mm	SA – 2 sets stabilizers up				*8150	*8150	6800	6050	6050	4550	4400	4400	3350	*3200	*3200	2850	8400
	SA – 2 sets stabilizers down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	*5650	*3200	*3200	*3200	
	Narrow – 2 sets stabilizers up				*8150	*8150	6050	5450	5450	4050	4000	4000	2950	*3200	*3200	2500	
	Narrow – 2 sets stabilizers down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	5200	*3200	*3200	*3200	
1500 mm	SA – 2 sets stabilizers up				8700	8700	6350	5800	5800	4350	4250	4250	3250	*3400	*3400	2750	8480
	SA – 2 sets stabilizers down				*9750	*9750	*9750	*7250	*7250	*7250	*5950	*5950	*5950	*3400	*3400	*3400	
	Narrow – 2 sets stabilizers up				7800	7800	5600	5250	5250	3850	3900	3900	2850	3250	3250	2400	
	Narrow – 2 sets stabilizers down				*9750	*9750	*9750	*7250	*7250	7000	*5950	*5950	5100	*3400	*3400	*3400	
0 mm	SA – 2 sets stabilizers up	*7000	*7000	*7000	8350	8350	6050	5600	5600	4200	4200	4200	3150	3650	3650	2750	8290
	SA – 2 sets stabilizers down	*7000	*7000	*7000	*10 550	*10 550	*10 550	*7700	*7700	*7700	*6100	*6100	*6100	*3800	*3800	*3800	
	Narrow – 2 sets stabilizers up	*7000	*7000	*7000	7500	7500	5300	5050	5050	3700	3800	3800	2800	3300	3300	2450	
	Narrow – 2 sets stabilizers down	*7000	*7000	*7000	*10 550	*10 550	10 500	*7700	*7700	6800	*6100	*6100	5000	*3800	*3800	*3800	
-1500 mm	SA – 2 sets stabilizers up	*9800	*9800	*9800	8200	8200	5900	5500	5500	4100	4150	4150	3100	3950	3950	2950	7790
	SA – 2 sets stabilizers down	*9800	*9800	*9800	*10 350	*10 350	*10 350	*7600	*7600	*7600	*5800	*5800	*5800	*4500	*4500	*4500	
	Narrow – 2 sets stabilizers up	*9800	*9800	9050	7350	7350	5150	4950	4950	3600	3750	3750	2750	3550	3550	2600	
	Narrow – 2 sets stabilizers down	*9800	*9800	*9800	*10 350	*10 350	10 300	*7600	*7600	6700	*5800	*5800	4950	*4500	*4500	*4500	
-3000 mm	SA – 2 sets stabilizers up	*12 900	*12 900	10 600	8200	8200	5900	5500	5500	4050				4600	4600	3400	6930
	SA – 2 sets stabilizers down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	*6750				*5400	*5400	*5400	
	Narrow – 2 sets stabilizers up	*12 900	*12 900	9150	7350	7350	5150	4950	4950	3600				4150	4150	3000	
	Narrow – 2 sets stabilizers down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	6700				*5400	*5400	*5400	

*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, without bucket, with counterweight (3700 kg), heavy lift on.



Undercarriage Standard

Boom VA

Stick 3.3 m Industrial Stick

T	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			mm		
6000 mm	Front stabilizer and rear dozer up							*4950		4400				*3150	*3150	7310
	Front stabilizer and rear dozer down							*4950	*4950	*4950				*3150	*3150	
	2 sets stabilizers up							*4950		4450				*3150	*3150	
	2 sets stabilizers down							*4950		*4950				*3150	*3150	
	Front dozer and rear stabilizer up							*4950		4400				*3150	*3150	
	Front dozer and rear stabilizer down							*4950	*4950	*4950				*3150	*3150	
4500 mm	Front stabilizer and rear dozer up				*5900		*5900	*5800		4300	4150	3100	*3100	*3100	2750	
	Front stabilizer and rear dozer down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	
	2 sets stabilizers up				*5900		*5900	*5800		4350	4250	3100	*3100	*3100	2800	
	2 sets stabilizers down				*5900		*5900	*5800		*5800	*4500	*4500	*4500	*3100	*3100	
	Front dozer and rear stabilizer up				*5900		*5900	*5800		4300	4250	3100	*3100	*3100	2750	
	Front dozer and rear stabilizer down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	
3000 mm	Front stabilizer and rear dozer up				*8150		6150	5600		4100	4050	3000	*3200	*3200	2550	
	Front stabilizer and rear dozer down				*8150	*8150	*8150	*6550	*6550	6450	*5650	*5650	4650	*3200	*3200	
	2 sets stabilizers up				*8150		6200	5750		4150	4150	3050	*3200	*3200	2550	
	2 sets stabilizers down				*8150		*8150	*6550	*6550	*5650	*5650	5450	*3200	*3200	*3200	
	Front dozer and rear stabilizer up				*8150		6150	5800		4100	4200	3000	*3200	*3200	2550	
	Front dozer and rear stabilizer down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	4750	*3200	*3200	
1500 mm	Front stabilizer and rear dozer up				8150		5700	5350		3900	3950	2900	3300	*3400	2450	
	Front stabilizer and rear dozer down				*9750	*9750	9500	*7250	*7250	6200	*5950	*5950	4550	*3400	*3400	
	2 sets stabilizers up				8350		5750	5550		3950	4050	2950	*3400	*3400	2450	
	2 sets stabilizers down				*9750		*9750	*7250	*7250	*7250	*5950	5350	*3400	*3400	*3400	
	Front dozer and rear stabilizer up				8400		5700	5550		3900	4100	2900	*3400	*3400	2450	
	Front dozer and rear stabilizer down				*9750	*9750	*9750	*7250	*7250	6350	*5950	*5950	4600	*3400	*3400	
0 mm	Front stabilizer and rear dozer up	*7000		*7000	7800		5400	5200		3750	3850	2800	3350	*3800	2450	
	Front stabilizer and rear dozer down	*7000	*7000	*7000	*10 550	*10 550	9150	*7700	*7700	6000	*6100	*6100	4450	*3800	*3800	
	2 sets stabilizers up	*7000		*7000	8000		5450	5350		3800	3950	2850	3450	*3800	2500	
	2 sets stabilizers down	*7000		*7000	*10 550		*10 550	*7700		7200	*6100	5250	*3800	*3800	*3800	
	Front dozer and rear stabilizer up	*7000		*7000	8050		5400	5400		3750	4000	2800	3500	*3800	2450	
	Front dozer and rear stabilizer down	*7000	*7000	*7000	*10 550	*10 550	9400	*7700	*7700	6150	*6100	*6100	4500	*3800	*3800	
-1500 mm	Front stabilizer and rear dozer up	*9800		9400	7650		5250	5100		3650	3800	2750	3600	*4500	2650	
	Front stabilizer and rear dozer down	*9800	*9800	*9800	*10 350	*10 350	9000	*7600	*7600	5900	*5800	*5800	4400	*4500	*4500	
	2 sets stabilizers up	*9800		9500	7850		5350	5250		3700	3900	2800	3700	*4500	2650	
	2 sets stabilizers down	*9800		*9800	*10 350		*10 350	*7600		7100	*5800	5200	*4500	*4500	*4500	
	Front dozer and rear stabilizer up	*9800		9400	7900		5250	5300		3650	3950	2750	3750	*4500	2650	
	Front dozer and rear stabilizer down	*9800	*9800	*9800	*10 350	*10 350	9250	*7600	*7600	6050	*5800	*5800	4450	*4500	*4500	
-3000 mm	Front stabilizer and rear dozer up	*12 900		9450	7600		5250	5050		3650			4200	*5400	3050	
	Front stabilizer and rear dozer down	*12 900	*12 900	*12 900	*9150	*9150	8950	*6750	*6750	5900			*5400	*5400	4850	
	2 sets stabilizers up	*12 900		9600	7850		5300	5250		3650			4350	*5400	3100	
	2 sets stabilizers down	*12 900		*12 900	*9150		*9150	*6750		*6750			*5400	*5400	*5400	
	Front dozer and rear stabilizer up	*12 900		9450	7900		5250	5250		3650			4350	*5400	3050	
	Front dozer and rear stabilizer down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	6050			*5400	*5400	5000	

*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, without bucket, with counterweight (4200 kg), heavy lift on.



Undercarriage Standard

Boom VA

Stick 3.3 m Industrial Stick

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 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		
6000 mm	Front stabilizer and rear dozer up							*4950			4650				*3150	*3150	*3150	7310
	Front stabilizer and rear dozer down							*4950	*4950	*4950					*3150	*3150	*3150	
	2 sets stabilizers up							*4950			4700				*3150	*3150	*3150	
	2 sets stabilizers down							*4950			*4950				*3150	*3150	*3150	
	Front dozer and rear stabilizer up							*4950			4650				*3150	*3150	*3150	
	Front dozer and rear stabilizer down							*4950	*4950	*4950					*3150	*3150	*3150	
4500 mm	Front stabilizer and rear dozer up				*5900		*5900	*5800			4550	4350	3250	*3100	*3100	*3100	2950	8020
	Front stabilizer and rear dozer down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	2950	
	2 sets stabilizers up				*5900		*5900	*5800			4600	4500	3300	*3100	*3100	*3100	2950	
	2 sets stabilizers down				*5900		*5900	*5800			*5800	*4500	*4500	*3100	*3100	*3100	2950	
	Front dozer and rear stabilizer up				*5900		*5900	*5800			4550	*4500	3250	*3100	*3100	*3100	2950	
	Front dozer and rear stabilizer down				*5900	*5900	*5900	*5800	*5800	*5800	*4500	*4500	*4500	*3100	*3100	*3100	2950	
3000 mm	Front stabilizer and rear dozer up				*8150		6500	5900			4350	4250	3200	*3200	*3200	*3200	2700	8400
	Front stabilizer and rear dozer down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	4900	*3200	*3200	*3200	2700	
	2 sets stabilizers up				*8150		6550	6050			4400	4400	3200	*3200	*3200	*3200	2750	
	2 sets stabilizers down				*8150		*8150	*6550			*6550	*5650	*5650	*3200	*3200	*3200	2700	
	Front dozer and rear stabilizer up				*8150		6500	6100			4350	4400	3200	*3200	*3200	*3200	2700	
	Front dozer and rear stabilizer down				*8150	*8150	*8150	*6550	*6550	*6550	*5650	*5650	5000	*3200	*3200	*3200	2700	
1500 mm	Front stabilizer and rear dozer up				8600		6050	5700			4150	4150	3100	*3400	*3400	*3400	2600	8480
	Front stabilizer and rear dozer down				*9750	*9750	*9750	*7250	*7250	*7250	6550	*5950	4750	*3400	*3400	*3400	2650	
	2 sets stabilizers up				8800		6150	5850			4200	4300	3100	*3400	*3400	*3400	2650	
	2 sets stabilizers down				*9750		*9750	*7250			*7250	*5950	5600	*3400	*3400	*3400	2600	
	Front dozer and rear stabilizer up				8850		6050	5850			4150	4300	3100	*3400	*3400	*3400	2600	
	Front dozer and rear stabilizer down				*9750	*9750	*9750	*7250	*7250	*7250	6700	*5950	*5950	4850	*3400	*3400	*3400	
0 mm	Front stabilizer and rear dozer up	*7000		*7000	8250		5750	5500			4000	4050	3000	3550	*3800	*3800	2650	8290
	Front stabilizer and rear dozer down	*7000	*7000	*7000	*10 550	*10 550	9650	*7700	*7700	6350	*6100	*6100	4650	*3800	*3800	*3800	2650	
	2 sets stabilizers up	*7000		*7000	8450		5800	5650			4050	4200	3050	3650	*3800	*3800	2650	
	2 sets stabilizers down	*7000		*7000	*10 550		*10 550	*7700			7600	*6100	5500	*3800	*3800	*3800	2650	
	Front dozer and rear stabilizer up	*7000		*7000	8500		5750	5700			4000	4200	3000	3700	*3800	*3800	2650	
	Front dozer and rear stabilizer down	*7000	*7000	*7000	*10 550	*10 550	9900	*7700	*7700	6500	*6100	*6100	4750	*3800	*3800	*3800	2650	
-1500 mm	Front stabilizer and rear dozer up	*9800		*9800	8100		5600	5400			3900	4000	2950	3800	*4500	*4500	2800	7790
	Front stabilizer and rear dozer down	*9800	*9800	*9800	*10 350	*10 350	9450	*7600	*7600	6250	*5800	*5800	4600	*4500	*4500	*4500	2850	
	2 sets stabilizers up	*9800		*9800	8300		5700	5550			3950	4150	3000	3950	*4500	*4500	2800	
	2 sets stabilizers down	*9800		*9800	*10 350		*10 350	*7600			7450	*5800	5450	*4500	*4500	*4500	2800	
	Front dozer and rear stabilizer up	*9800		*9800	8350		5600	5600			3900	4150	2950	3950	*4500	*4500	2800	
	Front dozer and rear stabilizer down	*9800	*9800	*9800	*10 350	*10 350	9750	*7600	*7600	6400	*5800	*5800	4700	*4500	*4500	*4500	2800	
-3000 mm	Front stabilizer and rear dozer up	*12 900		10 100	8050		5600	5400			3900			4450	*5400	*5400	3250	6930
	Front stabilizer and rear dozer down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	6200				*5400	*5400	*5400	3150	
	2 sets stabilizers up	*12 900		10 200	8300		5700	5550			3900			4600	*5400	*5400	3300	
	2 sets stabilizers down	*12 900		*12 900	*9150		*9150	*6750			*6750			*5400	*5400	*5400	3250	
	Front dozer and rear stabilizer up	*12 900		10 100	8350		5600	5550			3900			4600	*5400	*5400	3250	
	Front dozer and rear stabilizer down	*12 900	*12 900	*12 900	*9150	*9150	*9150	*6750	*6750	6350				*5400	*5400	*5400	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.

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 (3700 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	6600										5650	5650	4150	5900
	SA – 2 sets stabilizers down				*8550	*8550	*8550										*5750	*5750	*5750	
	Narrow – 2 sets stabilizers up				8100	8100	5850										5150	5150	3700	
	Narrow – 2 sets stabilizers down				*8500	*8500	*8500										*5800	*5800	*5800	
7500 mm	SA – 2 sets stabilizers up							5600	5600	4200							3900	3900	2850	7380
	SA – 2 sets stabilizers down							*8250	*8250	*8250							*5100	*5100	*5100	
	Narrow – 2 sets stabilizers up							5050	5050	3700							3500	3500	2500	
	Narrow – 2 sets stabilizers down							*8200	*8200	6800							*5100	*5100	4750	
6000 mm	SA – 2 sets stabilizers up							5600	5600	4150	3850	3850	2800				3150	3150	2300	8340
	SA – 2 sets stabilizers down							*8600	*8600	*8600	*7300	*7300	6150				*4800	*4800	*4800	
	Narrow – 2 sets stabilizers up							5050	5050	3650	3450	3450	2450				2850	2850	2000	
	Narrow – 2 sets stabilizers down							*8600	*8600	6800	6650	6650	4650				*4800	*4800	3850	
4500 mm	SA – 2 sets stabilizers up				8750	8750	6400	5450	5450	4000	3800	3800	2750				2800	2800	2000	8940
	SA – 2 sets stabilizers down				*11 100	*11 100	*11 100	*8900	*8900	8900	*7350	*7350	6100				*4750	*4750	4550	
	Narrow – 2 sets stabilizers up				7900	7900	5650	4900	4900	3550	3400	3400	2400				2500	2500	1700	
	Narrow – 2 sets stabilizers down				*11 050	*11 050	10 900	*8900	*8900	6650	6550	6550	4600				*4750	*4750	3400	
3000 mm	SA – 2 sets stabilizers up	16 950	16 950	11 450	8250	8250	5950	5200	5200	3800	3650	3650	2650	2700	2700	1950	2600	2600	1850	9260
	SA – 2 sets stabilizers down	*18 000	*18 000	*18 000	*12 250	*12 250	*12 250	*9300	*9300	8650	*7400	*7400	6000	5550	5550	4450	*4850	*4850	4250	
	Narrow – 2 sets stabilizers up	14 950	14 950	9950	7400	7400	5250	4700	4700	3350	3300	3300	2300	2400	2400	1650	2300	2300	1550	
	Narrow – 2 sets stabilizers down	*17 950	*17 950	*17 950	*12 200	*12 200	10 400	*9300	*9300	6400	6450	6450	4450	4750	4750	3300	4550	4550	3150	
1500 mm	SA – 2 sets stabilizers up	*11 900	*11 900	10 050	7700	7700	5450	5000	5000	3600	3550	3550	2550	2650	2650	1900	2500	2500	1800	9320
	SA – 2 sets stabilizers down	*11 900	*11 900	*11 900	*12 950	*12 950	*12 950	*9450	*9450	8350	*7250	*7250	5850	*5300	*5300	4400	*4750	*4750	4150	
	Narrow – 2 sets stabilizers up	*12 350	*12 350	8600	6900	6900	4750	4450	4450	3100	3150	3150	2200	2350	2350	1600	2250	2250	1500	
	Narrow – 2 sets stabilizers down	*12 350	*12 350	*12 350	*12 950	*12 950	9800	9100	9100	6150	6300	6300	4350	4700	4700	3250	4450	4450	3100	
0 mm	SA – 2 sets stabilizers up	*6250	*6250	*6250	7300	7300	5100	4800	4800	3400	3450	3450	2450							
	SA – 2 sets stabilizers down	*6250	*6250	*6250	*12 250	*12 250	*12 250	*8900	*8900	8100	*6600	*6600	5750							
	Narrow – 2 sets stabilizers up	*6250	*6250	*6250	6500	6500	4400	4250	4250	2900	3050	3050	2100							
	Narrow – 2 sets stabilizers down	*6250	*6250	*6250	*12 300	*12 300	9350	8850	8850	5900	6200	6200	4250							
-1500 mm	SA – 2 sets stabilizers up				7150	7150	4950	4650	4650	3300										
	SA – 2 sets stabilizers down				*9850	*9850	*9850	*7300	*7300	*7300										
	Narrow – 2 sets stabilizers up				6300	6300	4250	4150	4150	2800										
	Narrow – 2 sets stabilizers down				*9950	*9950	9150	*7350	*7350	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.


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

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.

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 (3700 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		6350										5500		3950	5900			
	Front stabilizer and rear dozer down				*8550	*8550	*8550										*5750	*5750	*5750				
	2 sets stabilizers up				*8550		6400										5650		4000				
	2 sets stabilizers down				*8550		*8550										*5750		*5750				
	Front dozer and rear stabilizer up				*8550		6350										5700		3950				
	Front dozer and rear stabilizer down				*8550	*8550	*8550										*5750	*5750	*5750				
7500 mm	Front stabilizer and rear dozer up							5500		4000										3800		2700	7380
	Front stabilizer and rear dozer down							*8250	*8250	6350							*5100	*5100	4400				
	2 sets stabilizers up							5650		4050							3900		2750				
	2 sets stabilizers down							*8250		7550							*5100		*5100				
	Front dozer and rear stabilizer up							5700		4000							3950		2700				
	Front dozer and rear stabilizer down							*8250	*8250	6500							*5100	*5100	4500				
6000 mm	Front stabilizer and rear dozer up							5450		3950	3700		2650							3050		2150	8340
	Front stabilizer and rear dozer down							*8600	*8600	6300	7250	7100	4300				*4800	*4800	3550				
	2 sets stabilizers up							5600		4000	3850		2700				3150		2200				
	2 sets stabilizers down							*8600		7550	*7300		5150				*4800		4250				
	Front dozer and rear stabilizer up							5650		3950	3850		2650				3200		2150				
	Front dozer and rear stabilizer down							*8600	*8600	6450	*7300	6200	4400				*4800	*4800	3650				
4500 mm	Front stabilizer and rear dozer up				8650		6100	5300		3850	3650		2600							2700		1900	8940
	Front stabilizer and rear dozer down				*11 100	*11 100	10 050	*8900	*8900	6150	7200	7050	4250				*4750	*4750	3150				
	2 sets stabilizers up				8900		6200	5450		3850	3750		2650				2750		1900				
	2 sets stabilizers down				*11 100		*11 100	*8900		7400	*7350		5100				*4750		3750				
	Front dozer and rear stabilizer up				8950		6100	5500		3850	3800		2600				2800		1900				
	Front dozer and rear stabilizer down				*11 100	*11 100	10 350	*8900	*8900	6300	*7350	6150	4350				*4750	4550	3200				
3000 mm	Front stabilizer and rear dozer up	17 100		10 950	8150		5700	5100		3600	3550		2500	2600		1800	2500		1700	9260			
	Front stabilizer and rear dozer down	*18 000	*18 000	*18 000	*12 250	*12 250	9550	*9300	*9300	5900	7050	6950	4150	5200	5150	3050	*4850	*4850	2950				
	2 sets stabilizers up	17 550		11 050	8400		5750	5250		3650	3650		2550	2700		1850	2600		1750				
	2 sets stabilizers down	*18 000		*18 000	*12 250		11 750	*9300		7150	7250		4950	5350		3700	*4850		3500				
	Front dozer and rear stabilizer up	17 650		10 950	8450		5700	5300		3600	3700		2500	2750		1800	2600		1700				
	Front dozer and rear stabilizer down	*18 000	*18 000	*18 000	*12 250		9800	*9300	8800	6050	*7400	6000	4250	*5750	4450	3150	*4850	4250	3000				
1500 mm	Front stabilizer and rear dozer up	*11 900		9550	7600		5200	4850		3400	3400		2400	2550		1750	2400		1650	9320			
	Front stabilizer and rear dozer down	*11 900	*11 900	*11 900	*12 950	*12 950	8950	*9450	*9450	5650	6900	6800	4000	5150	5050	3000	*4750	*4750	2850				
	2 sets stabilizers up	*11 900		9650	7800		5250	5000		3450	3550		2450	2650		1800	2500		1700				
	2 sets stabilizers down	*11 900		*11 900	*12 950		11 100	*9450		6850	7100		4850	5300		3650	*4750		3450				
	Front dozer and rear stabilizer up	*11 900		9550	7850		5200	5050		3400	3550		2400	2700		1750	2550		1650				
	Front dozer and rear stabilizer down	*11 900	*11 900	*11 900	*12 950	*12 950	9200	*9450	8500	5800	*7250	5900	4100	*5300	4400	3100	*4750	4150	2900				
0 mm	Front stabilizer and rear dozer up	*6250		*6250	7150		4800	4650		3200	3300												
	Front stabilizer and rear dozer down	*6250	*6250	*6250	*12 250	*12 250	8500	*8900	*8900	5450	*6600	*6600											
	2 sets stabilizers up	*6250		*6250	7400		4900	4800		3250	3450												
	2 sets stabilizers down	*6250		*6250	*12 250		10 650	*8900		6650	*6600												
	Front dozer and rear stabilizer up	*6250		*6250	7450		4800	4800		3200	3450												
	Front dozer and rear stabilizer down	*6250	*6250	*6250	*12 250	*12 250	8800	*8900	8250	5600	*6600	5750											
-1500 mm	Front stabilizer and rear dozer up				7000		4650	4500															
	Front stabilizer and rear dozer down				*9850	*9850	8300	*7300	*7300														
	2 sets stabilizers up				7200		4750	4700															
	2 sets stabilizers down				*9850		*9850																
	Front dozer and rear stabilizer up				7300		4650	4700															
	Front dozer and rear stabilizer down				*9850	*9850	8600	*7300	*7300														

*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 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		
																			
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											
	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			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 kg, without bucket, with counterweight (3700 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 (drop nose)

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			Load at maximum reach (sticknose/bucket pin)			mm
																				
10 500 mm	SA – 2 sets stabilizers up				*6800	*6800	*6800										*6150	*6150	6100	4830
	SA – 2 sets stabilizers down				*6800	*6800	*6800										*6150	*6150	*6150	
	Narrow – 2 sets stabilizers up				*6750	*6750	6050										*6200	*6200	5500	
	Narrow – 2 sets stabilizers down				*6750	*6750	*6750										*6200	*6200	*6200	
9000 mm	SA – 2 sets stabilizers up							6000	6000	4550							4750	4750	3600	6910
	SA – 2 sets stabilizers down							*6800	*6800	*6800							*5000	*5000	*5000	
	Narrow – 2 sets stabilizers up							5450	5450	4050							4300	4300	3200	
	Narrow – 2 sets stabilizers down							*6750	*6750	*6750							*5000	*5000	*5000	
7500 mm	SA – 2 sets stabilizers up							6050	6050	4600	4250	4250	3200				3650	3650	2750	8210
	SA – 2 sets stabilizers down							*8000	*8000	*8000	*6200	*6200	*6200				*4550	*4550	*4550	
	Narrow – 2 sets stabilizers up							5500	5500	4150	3850	3850	2850				3300	3300	2450	
	Narrow – 2 sets stabilizers down							*8000	*8000	7250	*6200	*6200	5050				*4550	*4550	4350	
6000 mm	SA – 2 sets stabilizers up							6000	6000	4600	4250	4250	3200	3150	3150	2350	3100	3100	2350	9080
	SA – 2 sets stabilizers down							*8400	*8400	*8400	*7400	*7400	6550	*4600	*4600	*4600	*4350	*4350	*4350	
	Narrow – 2 sets stabilizers up							5450	5450	4100	3850	3850	2850	2850	2850	2100	2800	2800	2050	
	Narrow – 2 sets stabilizers down							*8400	*8400	7200	7050	7050	5050	*4550	*4550	3750	*4350	*4350	3700	
4500 mm	SA – 2 sets stabilizers up							5900	5900	4450	4150	4150	3150	3150	3150	2350	2800	2800	2100	9630
	SA – 2 sets stabilizers down							*8800	*8800	*8800	*7500	*7500	6500	6000	6000	4850	*4300	*4300	*4300	
	Narrow – 2 sets stabilizers up							5350	5350	3950	3750	3750	2800	2800	2800	2050	2500	2500	1850	
	Narrow – 2 sets stabilizers down							*8800	*8800	7100	6950	6950	4950	5200	5200	3750	*4300	*4300	3350	
3000 mm	SA – 2 sets stabilizers up				8850	8850	6500	5650	5650	4250	4050	4050	3050	3050	3050	2300	2650	2650	1950	9930
	SA – 2 sets stabilizers down				*11 850	*11 850	*11 850	*9350	*9350	9100	*7700	*7700	6350	5900	5900	4800	*4350	*4350	4150	
	Narrow – 2 sets stabilizers up				8000	8000	5800	5100	5100	3750	3650	3650	2700	2750	2750	2000	2350	2350	1700	
	Narrow – 2 sets stabilizers down				*11 800	*11 800	10 950	*9350	*9350	6850	6850	6850	4850	5150	5150	3650	*4350	*4350	3150	
1500 mm	SA – 2 sets stabilizers up	16 300	16 300	10 950	8250	8250	6000	5400	5400	4000	3900	3900	2900	3000	3000	2250	2600	2600	1900	9990
	SA – 2 sets stabilizers down	*19 950	*19 950	*19 950	*13 050	*13 050	*13 050	*9750	*9750	8800	*7700	*7700	6200	5850	5850	4750	*4550	*4550	4050	
	Narrow – 2 sets stabilizers up	14 350	14 350	9500	7400	7400	5250	4850	4850	3500	3500	3500	2550	2700	2700	1950	2300	2300	1650	
	Narrow – 2 sets stabilizers down	*19 900	*19 900	*19 900	*13 050	*13 050	10 350	9550	9550	6550	6650	6650	4700	5050	5050	3600	4350	4350	3100	
0 mm	SA – 2 sets stabilizers up	*8150	*8150	*8150	7800	7800	5550	5150	5150	3750	3800	3800	2800	2950	2950	2150				
	SA – 2 sets stabilizers down	*8150	*8150	*8150	*13 150	*13 150	*13 150	*9600	*9600	8500	*7350	*7350	6050	*5500	*5500	4650				
	Narrow – 2 sets stabilizers up	*8250	*8250	*8250	6950	6950	4850	4650	4650	3300	3400	3400	2450	2650	2650	1900				
	Narrow – 2 sets stabilizers down	*8250	*8250	*8250	*13 150	*13 150	9800	9250	9250	6300	6550	6550	4550	5000	5000	3550				
-1500 mm	SA – 2 sets stabilizers up	*7250	*7250	*7250	7550	7550	5300	5000	5000	3650	3700	3700	2700							
	SA – 2 sets stabilizers down	*7250	*7250	*7250	*11 600	*11 600	*11 600	*8550	*8550	8350	*6350	*6350	6000							
	Narrow – 2 sets stabilizers up	*7250	*7250	*7250	6700	6700	4600	4500	4500	3150	3300	3300	2350							
Narrow – 2 sets stabilizers down	*7250	*7250	*7250	*11 650	*11 650	9500	*8600	*8600	6150	*6350	*6350	4500								

*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, 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 (drop nose)

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			Load at maximum reach (sticknose/bucket pin)			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.

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, without bucket, with counterweight (3700 kg), heavy lift on.



Undercarriage Standard

Boom 5.35 m MH

Stick 4.9 m MH (drop nose)

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 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	
10 500 mm	Front stabilizer and rear dozer up				*6800		6550										*6150		5850	4830
	Front stabilizer and rear dozer down				*6800	*6800	*6800										*6150	*6150	*6150	
	2 sets stabilizers up				*6800		6600										*6150		5900	
	2 sets stabilizers down				*6800		*6800										*6150		*6150	
	Front dozer and rear stabilizer up				*6800		6550										*6150		5850	
	Front dozer and rear stabilizer down				*6800	*6800	*6800										*6150	*6150	*6150	
9000 mm	Front stabilizer and rear dozer up							5850		4350							4600		3400	6910
	Front stabilizer and rear dozer down							*6800	*6800	6700							*5000	*5000	*5000	
	2 sets stabilizers up							6000		4400							4750		3450	
	2 sets stabilizers down							*6800		*6800							*5000		*5000	
	Front dozer and rear stabilizer up							6050		4350							4750		3400	
	Front dozer and rear stabilizer down							*6800	*6800	*6800							*5000	*5000	*5000	
7500 mm	Front stabilizer and rear dozer up							5950		4400	4100		3050				3500		2600	8210
	Front stabilizer and rear dozer down							*8000	*8000	6800	*6200	*6200	4700				*4550	*4550	4050	
	2 sets stabilizers up							6100		4450	4250		3100				3650		2650	
	2 sets stabilizers down							*8000		*8000	*6200		5550				*4550		*4550	
	Front dozer and rear stabilizer up							6100		4400	4250		3050				3650		2600	
	Front dozer and rear stabilizer down							*8000	*8000	6950	*6200	*6200	4800				*4550	*4550	4150	
6000 mm	Front stabilizer and rear dozer up							5900		4400	4100		3050	3050		2250	3000		2200	9080
	Front stabilizer and rear dozer down							*8400	*8400	6750	*7400	*7400	4700	*4600	3500	*4350	*4350	*4350	3450	
	2 sets stabilizers up							6050		4450	4250		3100	3150	2250	3100	3100		2250	
	2 sets stabilizers down							*8400		8000	*7400		5550	*4600	4100	*4350	*4350		4050	
	Front dozer and rear stabilizer up							6100		4400	4250		3050	3150	2250	3100	3100		2200	
	Front dozer and rear stabilizer down							*8400	*8400	6900	*7400	6600	4800	*4600	*4600	3550	*4350	*4350	3500	
4500 mm	Front stabilizer and rear dozer up							5750		4250	4050		3000	3000		2200	2700		2000	9630
	Front stabilizer and rear dozer down							*8800	*8800	6600	*7500	7450	4650	5600	5550	2700	*4300	*4300	3100	
	2 sets stabilizers up							5900		4300	4150		3050	3100	2250	2800	2800		2000	
	2 sets stabilizers down							*8800		7800	*7500		5450	5800	4100	*4300	*4300		3700	
	Front dozer and rear stabilizer up							5950		4250	4200		3000	3150	2200	2800	2800		2000	
	Front dozer and rear stabilizer down							*8800	*8800	6750	*7500	6550	4750	*6300	4900	3550	*4300	*4300	3200	
3000 mm	Front stabilizer and rear dozer up				8700		6250	5500		4050	3900		2900	2950		2150	2550		1850	9930
	Front stabilizer and rear dozer down				*11 850	*11 850	10 100	*9350	*9350	6350	7450	7300	4500	5550	5500	3400	*4350	*4350	2950	
	2 sets stabilizers up				8950		6300	5700		4100	4050		2900	3050	2200	2650	2650		1900	
	2 sets stabilizers down				*11 850		*11 850	*9350		7600	7650		5350	5700	4050	*4350			3500	
	Front dozer and rear stabilizer up				9000		6250	5700		4050	4050		2900	3100	2150	2650	2650		1850	
	Front dozer and rear stabilizer down				*11 850	*11 850	10 400	*9350	9250	6500	*7700	6400	4600	6250	4800	3500	*4350	4150	3000	
1500 mm	Front stabilizer and rear dozer up	16 400		10 450	8150		5700	5250		3800	3800		2750	2900		2100	2500		1800	9990
	Front stabilizer and rear dozer down	*19 950	*19 950	19 900	*13 050	*13 050	9500	*9750	*9750	6100	7300	7150	4400	5500	5400	3350	*4550	*4550	2900	
	2 sets stabilizers up	16 850		10 550	8350		5800	5400		3850	3900		2800	3000		2150	2550		1850	
	2 sets stabilizers down	*19 950		*19 950	*13 050		11 650	*9750		7300	7500		5200	5650	3950	*4550	*4550		3400	
	Front dozer and rear stabilizer up	16 950		10 450	8400		5700	5450		3800	3950		2750	3000		2100	2600		1800	
	Front dozer and rear stabilizer down	*19 950	*19 950	*19 950	*13 050	*13 050	9800	*9750	8900	6250	*7700	6250	4450	*6100	4750	3400	*4550	4050	2950	
0 mm	Front stabilizer and rear dozer up	*8150		*8150	7650		5300	5000		3600	3650		2650	2850		2050				
	Front stabilizer and rear dozer down	*8150	*8150	*8150	*13 150	*13 150	9000	*9600	*9600	5850	7150	7000	4250	5400	5350	3300				
	2 sets stabilizers up	*8150		*8150	7900		5350	5150		3600	3800		2700	2950		2100				
	2 sets stabilizers down	*8150		*8150	*13 150		11 100	*9600		7050	7350		5050	*5500		3900				
	Front dozer and rear stabilizer up	*8150		*8150	7950		5300	5200		3600	3800		2650	2950		2050				
	Front dozer and rear stabilizer down	*8150	*8150	*8150	*13 150	*13 150	9250	*9600	8650	6000	*7350	6100	4350	*5500	4700	3350				
-1500 mm	Front stabilizer and rear dozer up	*7250		*7250	7350		5050	4850		3450	3600		2550							
	Front stabilizer and rear dozer down	*7250	*7250	*7250	*11 600	*11 600	8700	*8550	*8550	5700	*6350	*6350	4150							
	2 sets stabilizers up	*7250		*7250	7600		5100	5000		3500	3700		2600							
	2 sets stabilizers down	*7250		*7250	*11 600		10 800	*8550		6850	*6350		5000							
	Front dozer and rear stabilizer up	*7250		*7250	7650		5050	5050		3450	3750		2550							
	Front dozer and rear stabilizer down	*7250	*7250	*7250	*11 600	*11 600	9000	*8550	8450	5800	*6350	6000	4250							

*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, without bucket, with counterweight (4200 kg), heavy lift on.



Undercarriage Standard

Boom 5.35 m MH

Stick 4.9 m MH (drop nose)

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 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	
10 500 mm	Front stabilizer and rear dozer up				*6800		*6800										*6150		*6150	4830
	Front stabilizer and rear dozer down				*6800	*6800	*6800										*6150	*6150	*6150	
	2 sets stabilizers up				*6800		*6800										*6150		*6150	
	2 sets stabilizers down				*6800		*6800										*6150		*6150	
	Front dozer and rear stabilizer up				*6800		*6800										*6150		*6150	
	Front dozer and rear stabilizer down				*6800	*6800	*6800										*6150	*6150	*6150	
9000 mm	Front stabilizer and rear dozer up							6150		4600							4850		3650	6910
	Front stabilizer and rear dozer down							*6800	*6800	*6800							*5000	*5000	*5000	
	2 sets stabilizers up							6300		4650							*5000		3650	
	2 sets stabilizers down							*6800		*6800							*5000		*5000	
	Front dozer and rear stabilizer up							6350		4600							*5000		3650	
	Front dozer and rear stabilizer down							*6800	*6800	*6800							*5000	*5000	*5000	
7500 mm	Front stabilizer and rear dozer up							6250		4650	4350		3250				3750		2800	8210
	Front stabilizer and rear dozer down							*8000	*8000	7100	*6200	*6200	4950				*4550	*4550	4250	
	2 sets stabilizers up							6400		4700	4450		3300				3850		2800	
	2 sets stabilizers down							*8000		*8000	*6200		5800				*4550		*4550	
	Front dozer and rear stabilizer up							6450		4650	4500		3250				3850		2800	
	Front dozer and rear stabilizer down							*8000	*8000	7250	*6200	*6200	5050				*4550	*4550	4350	
6000 mm	Front stabilizer and rear dozer up							6200		4650	4350		3200	2400			3150		2350	9080
	Front stabilizer and rear dozer down							*8400	*8400	7050	*7400	*7400	4950	*4600			3700	*4350	*4350	
	2 sets stabilizers up							6350		4700	4450		3300	3300			2400	3250	2400	
	2 sets stabilizers down							*8400		8350	*7400		5800	*4600			4350	*4350	4250	
	Front dozer and rear stabilizer up							6400		4650	4500		3250	3350			2400	3300	2350	
	Front dozer and rear stabilizer down							*8400	*8400	7200	*7400	6900	5050	*4600	*4600	3750	*4350	*4350	3700	
4500 mm	Front stabilizer and rear dozer up							6050		4500	4250		3200	3200			2400	2850	2100	9630
	Front stabilizer and rear dozer down							*8800	*8800	6900	*7500	*7500	4900	5900	5800		3650	*4300	*4300	
	2 sets stabilizers up							6200		4550	4400		3250	3300			2400	2950	2150	
	2 sets stabilizers down							*8800		8200	*7500		5750	6050			4300	*4300	3850	
	Front dozer and rear stabilizer up							6250		4500	4400		3200	3300			2400	2950	2100	
	Front dozer and rear stabilizer down							*8800	*8800	7050	*7500	6850	5000	*6300	5100		3750	*4300	*4300	
3000 mm	Front stabilizer and rear dozer up				9150		6600	5800		4300	4150		3100	3150			2350	2700	2000	9930
	Front stabilizer and rear dozer down				*11 850	*11 850	10 600	*9350	*9350	6700	*7700	7650	4750	5800	5750		3600	*4350	*4350	
	2 sets stabilizers up				9400		6650	6000		4350	4250		3100	3250			2350	2800	2000	
	2 sets stabilizers down				*11 850		*11 850	*9350		7950	*7700		5600	6000			4250	*4350	3650	
	Front dozer and rear stabilizer up				9450		6600	6000		4300	4300		3100	3250			2350	2800	2000	
	Front dozer and rear stabilizer down				*11 850	*11 850	10 900	*9350	*9350	6850	*7700	6700	4850	*6350	5050		3700	*4350	4350	
1500 mm	Front stabilizer and rear dozer up	17 300			8600		6050	5550		4050	4000		2950	3100			2250	2650	1950	9990
	Front stabilizer and rear dozer down	*19 950	*19 950		*19 950	*13 050	10 000	*9750	*9750	6400	7650	7500	4600	5750	5650		3550	*4550	*4550	
	2 sets stabilizers up	17 750			8800		6150	5700		4100	4150		3000	3200			2300	2750	1950	
	2 sets stabilizers down	*19 950			*19 950	*13 050	12 250	*9750		7650	*7700		5450	5900			4200	*4550	3600	
	Front dozer and rear stabilizer up	17 850			8850		6050	5750		4050	4150		2950	3200			2250	2750	1950	
	Front dozer and rear stabilizer down	*19 950	*19 950		*19 950	*13 050	10 300	*9750	9350	6550	*7700	6550	4700	*6100	5000		3600	*4550	4300	
0 mm	Front stabilizer and rear dozer up	*8150			8100		5650	5300		3850	3900		2850	3000			2200			
	Front stabilizer and rear dozer down	*8150	*8150		*8150	*13 150	9500	*9600	*9600	6150	*7350	7350	4500	*5500	*5500		3500			
	2 sets stabilizers up	*8150			8350		5700	5500		3850	4000		2850	3100			2250			
	2 sets stabilizers down	*8150			*8150	*13 150	11 700	*9600		7400	*7350		5350	*5500			4100			
	Front dozer and rear stabilizer up	*8150			8400		5650	5500		3850	4050		2850	3150			2200			
	Front dozer and rear stabilizer down	*8150	*8150		*8150	*13 150	9750	*9600	9050	6300	*7350	6400	4600	*5500	4900		3550			
-1500 mm	Front stabilizer and rear dozer up	*7250			7800		5400	5150		3700	3800		2750							
	Front stabilizer and rear dozer down	*7250	*7250		*7250	*11 600	9200	*8550	*8550	6000	*6350	*6350	4400							
	2 sets stabilizers up	*7250			8050		5450	5300		3750	3950		2800							
	2 sets stabilizers down	*7250			*7250	*11 600	11 350	*8550		7250	*6350		5250							
	Front dozer and rear stabilizer up	*7250			8100		5400	5350		3700	3950		2750							
	Front dozer and rear stabilizer down	*7250	*7250		*7250	*11 600	9500	*8550	*8550	6150	*6350	6350	4500							

*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.



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			mm		
9000 mm	SA – 2 sets stabilizers up							5900	5900	4400							4050	4050	3000
	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
	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	2100	2650	2650	1900	
	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	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	2050	2350	2350	1650	
	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	2000	2200	2200	1550	
	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	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
	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							5800		4100			3900			2800	2550		1800					
	Front stabilizer and rear dozer down							*8500		6550	*7050	*7050	4500	5500	5400	3300	*4750	*4750	3000					
	2 sets stabilizers up							9500		6650			4000			2850	2900		1800					
	2 sets stabilizers down							*10 600		*10 600			*8500			5350	5650		3600					
	Front dozer and rear stabilizer up							9550		6600			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							8050		5550			3750			2700	2750		1550					
	Front stabilizer and rear dozer down							*14 500	*14 500	*14 500	*11 500			4400	5450	5350	1950	2250		2700				
	2 sets stabilizers up							8300		5650			3900			2700	2850		1600					
	2 sets stabilizers down							*14 500		*14 500	*11 500			*7150		5250	5600		3250					
	Front dozer and rear stabilizer up							8350		5550			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
3000 mm	Front stabilizer and rear dozer up							8050		5550			3600			2550	2700		1450					
	Front stabilizer and rear dozer down							*12 450	*12 450	9500	*9200	*9200	6000	*7200	7100	4200	5350	5250	1850	2150		4250		2500
	2 sets stabilizers up							8300		5650			3650			2550	2800		1450					
	2 sets stabilizers down							*12 450		11 700			*9200			5050	5500		3050					
	Front dozer and rear stabilizer up							8350		5550			3600			2550	2800		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			3350			2400	2600		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			3400			2400	2700		1400					
	2 sets stabilizers down							*12 450		11 000			*9100			4900	5400		3000					
	Front dozer and rear stabilizer up							7700		5000			3350			2400	2700		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			3150			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			3200			2300	2650		1750					
	2 sets stabilizers down							*9400		*9400			6650			4750	*4800		3650					
	Front dozer and rear stabilizer up							7350		4650			3150			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.



Undercarriage

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

Boom

6.4 m MH

Stick

4.9 m MH (drop nose)

T	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm			mm			
10 500 mm	SA – 2 sets stabilizers up							6250	6250	4750											5200	5200	3950
	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
	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
	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
	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	
	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	
	Narrow – 2 sets stabilizers up				8550	8550	6250	5450	5450	4050	3900	3900	2850	2900	2150	2250	2250	1650	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	
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	
	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	
	Narrow – 2 sets stabilizers up	15 550	15 550	10 400	7950	7950	5700	5150	5150	3750	3700	3700	2700	2850	2050	2250	2250	1600	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	
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	
	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	
	Narrow – 2 sets stabilizers up				7300	7300	5100	4850	4850	3500	3550	3550	2550	2750	1950	2200	2200	1550	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	
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.


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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 Standard

Boom 6.4 m MH

Stick 4.9 m MH (drop nose)

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm			mm					
																									
10 500 mm	Front stabilizer and rear dozer up							6100		4550											5050		3750		
	Front stabilizer and rear dozer down							*6500	*6500	*6500											*5250	*5250	*5250		
	2 sets stabilizers up							6250		4600											5200		3800		
	2 sets stabilizers down							*6500		*6500											*5250		*5250		
	Front dozer and rear stabilizer up							6300		4550											5250		3750		
	Front dozer and rear stabilizer down							*6500	*6500	*6500											*5250	*5250	*5250		
9000 mm	Front stabilizer and rear dozer up							6250		4650	4350										3600		2700		
	Front stabilizer and rear dozer down							*7850	*7850	7100	*6300	*6300	4950								*4700	*4700	4150		
	2 sets stabilizers up							6400		4700	4450										3700		2700		
	2 sets stabilizers down							*7850	*7850	*7850	*6300	*6300	5800								*4700		*4700		
	Front dozer and rear stabilizer up							6450		4650	4500										3750		2700		
	Front dozer and rear stabilizer down							*7850	*7850	7300	*6300	*6300	5050								*4700	*4700	4250		
7500 mm	Front stabilizer and rear dozer up							6250		4650	4350			3200		2400					2950		2200		
	Front stabilizer and rear dozer down							*8200	*8200	7100	*7100	*7100	4950	*5500	3700						*4400	*4400	3400		
	2 sets stabilizers up							6400		4700	4450			3300		2400					3050		2200		
	2 sets stabilizers down							*8200	*8200	*8200	*7100	*7100	5850	*5500	4300						*4400		4000		
	Front dozer and rear stabilizer up							6450		4650	4500			3250		3300					3050		2200		
	Front dozer and rear stabilizer down							*8200	*8200	7250	*7100	6950	5050	*5500	5150	3750					*4400	*4400	3450		
6000 mm	Front stabilizer and rear dozer up							6100		4550	4300			3200		2350					2600		1900		
	Front stabilizer and rear dozer down							*8400	*8400	7000	*7200	*7200	4900	5900	5800	3650					*4300	*4300	3000		
	2 sets stabilizers up							6300		4600	4400			3250		3300					2650		1900		
	2 sets stabilizers down							*8400	*8400	8250	*7200	*7200	5750	6050	4300						*4300		3500		
	Front dozer and rear stabilizer up							6300		4550	4450			3200		3300					2700		1900		
	Front dozer and rear stabilizer down							*8400	*8400	7150	*7200	6900	5000	*6200	5100	3750					*4300	4200	3050		
4500 mm	Front stabilizer and rear dozer up					9350		6750		5900		4350	4150		3100	3150		2300	2450		1750	2350	1700		
	Front stabilizer and rear dozer down					*11 150	*11 150	10 800		*8900		6750	*7350	*7350	4800	5800	5750	3600	4550	4500	2800	*4300	*4300	2750	
	2 sets stabilizers up					9600		6800		6050		4400	4300		3100	3250		2500	2500		1800	2450	1750		
	2 sets stabilizers down					*11 150		*11 150		*8900		8050	*7350		5650	6000		4250	4700		3300	*4300	3250		
	Front dozer and rear stabilizer up					9650		6750		6100		4350	4300		3100	3250		2300	2550		1750	2450	1700		
	Front dozer and rear stabilizer down					*11 150		*11 150		*8900		6900	*7350	6750	4850	*6200	5050	3650	*4950	3950	2850	*4300	3850	2800	
3000 mm	Front stabilizer and rear dozer up	17 750		11 400	8700	6150	5600		4050	4000		2950	3050		2200	2400		1750	2250		1600		1600		
	Front stabilizer and rear dozer down	*18 550	*18 550	*18 550	*12 350	*12 350	10 100	*9350	*9350	6450	*7550	7500	4600	5700	5650	3500	4500	4450	4450	2800	4200	4200	2600		
	2 sets stabilizers up	18 200		11 550	8950	6200	5750		4100	4100		2950	3150		2250	2500		1750	2300		1650		1650		
	2 sets stabilizers down	*18 550		*18 550	*12 350	*12 350	*9350		7700	*7550		5450	5900		4150	4650		3300	4350		3100		3100		
	Front dozer and rear stabilizer up	18 300		11 400	9000	6150	5800		4050	4150		2950	3150		2200	2500		1750	2350		1600		1600		
	Front dozer and rear stabilizer down	*18 550	*18 550	*18 550	*12 350	*12 350	10 400	*9350	*9350	6600	*7550	6550	4700	*6200	4950	3600	*5000	3900	2850	*4400	3650	2650	2650		
1500 mm	Front stabilizer and rear dozer up					8000		5550		5250		3750	3850		2750	2950		2150	2350		1700	2200	1550		
	Front stabilizer and rear dozer down					*13 000		9400		*9550		6100	7450		7300	4450	5600	5550	3400	4450	4400	2750	*4100	*4100	2550
	2 sets stabilizers up					8250		5600		5400		3800	3950		2800	3050		2150	2450		1700	2250	1600		
	2 sets stabilizers down					*13 000		*9550		7350		*7500		5250	5750		4050	4600		3250	*4100		3050		
	Front dozer and rear stabilizer up					8300		5550		5450		3750	3950		2750	3050		2150	2450		1700	2300	1550		
	Front dozer and rear stabilizer down					*13 000		9700		*9550		9000	6250	*7500	6350	4550	*6050	4850	3500	*4700	3850	2800	*4100	3600	2600
0 mm	Front stabilizer and rear dozer up	*3500		*3500	7550	5150	5000		3550	3700		2650	2850		2050	2300		1650							
	Front stabilizer and rear dozer down	*3500	*3500	*3500	*12 200	*12 200	8900	*9150	*9150	5850	*7150	7100	4300	5500	5450	3350	*4050	*4050	2700						
	2 sets stabilizers up	*3500		*3500	7800	5200	5150		3550	3800		2650	2950		2100	2400		1700							
	2 sets stabilizers down	*3500		*3500	*12 200		11 100	*9150		7050		*7150		5100	*5550	3950	*4050	3200							
	Front dozer and rear stabilizer up	*3500		*3500	7850	5150	5200		3550	3850		2650	3000		2050	2400		1650							
	Front dozer and rear stabilizer down	*3500	*3500	*3500	*12 200	*12 200	9200	*9150	8700	6000	*7150	6200	4400	*5550	4750	3400	*4050	3850	2750						
-1500 mm	Front stabilizer and rear dozer up					7350		4950		4850		3400	3600		2550	2800		2000							
	Front stabilizer and rear dozer down					*9600		8700		*8000		5700	*6200		4200	*4650		3300							
	2 sets stabilizers up					7550		5000		5000		3450	3700		2550	2900		2050							
	2 sets stabilizers down					*9600		*9600		*8000		6900	*6200		5000	*4650		3900							
	Front dozer and rear stabilizer up					7600		4950		5050		3400	3750		2550	2950		2000							
	Front dozer and rear stabilizer down					*9600		*9600		*8000		5850	*6200	6100	4300	*4650	*4650	3350							

*Limited by hydraulic rather than tipping load.

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