

MH3024

Wheeled Material Handler



Lift Capacity Specifications

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MH3024 Wheeled Material Handler Lift Charts

One-Piece Boom

2.5 m Stick – Bucket Cylinder and Linkage Installed – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	3
Counterweight: 5200 kg	4

2.9 m Stick – Bucket Cylinder and Linkage Installed – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	5
Counterweight: 5200 kg	6

VA Boom

2.5 m Stick – Bucket Cylinder and Linkage Installed – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	7
Counterweight: 5200 kg	8

2.9 m Stick – Bucket Cylinder and Linkage Installed – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	9
Counterweight: 5200 kg	10

6.8 m MH Boom

4.8 m Straight Stick – Bucket Cylinder and Linkage Installed – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	11
Counterweight: 5200 kg	13

4.9 m MH Stick – Hydraulic Cab Riser – Work Tool: None

MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	15
Counterweight: 5200 kg	17

5.9 m MH Stick – Hydraulic Cab Riser – Work Tool: None

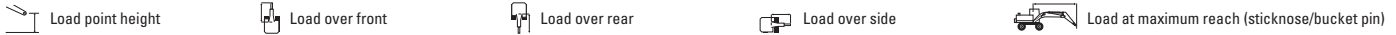
MH Undercarriage or Standard Undercarriage

Counterweight: 4100 kg	19
Counterweight: 5200 kg	23

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage MH or Standard

Boom One-Piece

Stick 2.5 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick			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		
7500 mm	MH – stabilizers up – solid tires							*3950	*3950	*3950				*3750	*3750	*3750	6020	
	MH – stabilizers down – solid tires							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std UC) – f. stabilizer & r. dozer up							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std UC) – f. stabilizer & r. dozer down							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std UC) – f. dozer & r. stabilizer up							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std UC) – f. dozer & r. stabilizer down							*3950	*3950	*3950				*3750	*3750	*3750		
	Lower (std UC) – 2 sets stabilizers up							*3950	*3950	*3950				*3750	*3750	*3750		
6000 mm	MH – stabilizers up – solid tires							5950	5950	4450				*3350	*3350	3250	7210	
	MH – stabilizers down – solid tires							*6400	*6400	*6400				*3350	*3350	*3350		
	Lower (std UC) – f. stabilizer & r. dozer up							5850	5550	4250				*3350	*3350	3100		
	Lower (std UC) – f. stabilizer & r. dozer down							*6400	*6400	*6400				*3350	*3350	*3350		
	Lower (std UC) – f. dozer & r. stabilizer up							6050	5350	4250				*3350	*3350	3100		
	Lower (std UC) – f. dozer & r. stabilizer down							*6400	*6400	*6400				*3350	*3350	*3350		
	Lower (std UC) – 2 sets stabilizers up							6000	5500	4300				*3350	*3350	3100		
4500 mm	MH – stabilizers up – solid tires							5800	5800	4300	4050	4050	3000	*3200	*3200	2700	7930	
	MH – stabilizers down – solid tires							*6950	*6950	*6950	*6150	*6150	*6150	*3200	*3200	*3200		
	Lower (std UC) – f. stabilizer & r. dozer up							5650	5350	4100	3950	3750	2850	*3200	*3200	2600		
	Lower (std UC) – f. stabilizer & r. dozer down							*6950	*6950	6350	*6150	*6150	4450	*3200	*3200	*3200		
	Lower (std UC) – f. dozer & r. stabilizer up							5850	5150	4100	4100	3600	2850	*3200	*3200	2600		
	Lower (std UC) – f. dozer & r. stabilizer down							*6950	*6950	6550	*6150	*6150	4550	*3200	*3200	*3200		
	Lower (std UC) – 2 sets stabilizers up							5800	5350	4150	4050	3750	2900	*3200	*3200	2600		
3000 mm	MH – stabilizers up – solid tires				8450	8450	6050	5500	5500	4050	3950	3950	2900	*3200	*3200	2450	8300	
	MH – stabilizers down – solid tires				*10 400	*10 400	*10 400	*7750	*7750	*7750	*6400	*6400	6350	*3200	*3200	*3200		
	Lower (std UC) – f. stabilizer & r. dozer up				8350	7750	5800	5400	5100	3850	3850	3650	2750	*3200	3100	2350		
	Lower (std UC) – f. stabilizer & r. dozer down				*10 400	*10 400	9450	*7750	*7750	6100	*6400	*6400	4350	*3200	*3200	*3200		
	Lower (std UC) – f. dozer & r. stabilizer up				8600	7500	5800	5600	4900	3850	4000	3500	2750	*3200	3000	2350		
	Lower (std UC) – f. dozer & r. stabilizer down				*10 400	*10 400	9750	*7750	*7750	6250	*6400	*6400	4450	*3200	*3200	*3200		
	Lower (std UC) – 2 sets stabilizers up				8550	7700	5850	5550	5100	3900	3950	3650	2800	*3200	3100	2350		
1500 mm	MH – stabilizers up – solid tires				7950	7950	5600	5300	5300	3800	3850	3850	2800	3250	3250	2350	8390	
	MH – stabilizers down – solid tires				*11 750	*11 750	*11 750	*8400	*8400	*8400	*6700	*6700	6250	*3350	*3350	*3350		
	Lower (std UC) – f. stabilizer & r. dozer up				7800	7250	5300	5150	4850	3650	3750	3550	2650	3150	3000	2250		
	Lower (std UC) – f. stabilizer & r. dozer down				*11 750	*11 750	8900	*8400	*8400	5850	*6700	*6700	4200	*3350	*3350	*3350		
	Lower (std UC) – f. dozer & r. stabilizer up				8100	7000	5300	5350	4650	3650	3850	3400	2650	3300	2900	2250		
	Lower (std UC) – f. dozer & r. stabilizer down				*11 750	*11 750	9200	*8400	*8400	6000	*6700	6300	4350	*3350	*3350	*3350		
	Lower (std UC) – 2 sets stabilizers up				8050	7200	5400	5300	4850	3650	3850	3550	2700	3250	3000	2250		
0 mm	MH – stabilizers up – solid tires				7700	7700	5400	5100	5100	3650	3750	3750	2700	3350	3350	2400	8180	
	MH – stabilizers down – solid tires				*11 850	*11 850	*11 850	*8600	*8600	8600	*6650	*6650	6150	*3700	*3700	*3700		
	Lower (std UC) – f. stabilizer & r. dozer up				7600	7050	5100	5000	4700	3500	3650	3450	2550	3250	3050	2300		
	Lower (std UC) – f. stabilizer & r. dozer down				*11 850	*11 850	8650	*8600	*8600	5650	*6650	*6650	4150	*3700	*3700	3650		
	Lower (std UC) – f. dozer & r. stabilizer up				7850	6750	5100	5200	4500	3500	3800	3300	2550	3350	2950	2300		
	Lower (std UC) – f. dozer & r. stabilizer down				*11 850	*11 850	9000	*8600	*8600	5850	*6650	6200	4250	*3700	*3700	*3700		
	Lower (std UC) – 2 sets stabilizers up				7800	7000	5200	5150	4700	3500	3750	3450	2600	3350	3050	2300		
-1500 mm	MH – stabilizers up – solid tires		*9750	*9750	*9750	7700	7700	5350	5050	3600	3750	3750	2700	3650	3650	2650	7670	
	MH – stabilizers down – solid tires		*9750	*9750	*9750	*11 000	*11 000	*11 000	*8200	*8200	*8200	*6050	*6050	*6050	*4300	*4300		*4300
	Lower (std UC) – f. stabilizer & r. dozer up		*9750	*9750	9500	7550	7000	5100	4950	4650	3400	3650	3450	2550	3550	3350		2500
	Lower (std UC) – f. stabilizer & r. dozer down		*9750	*9750	*9750	*11 000	*11 000	8650	*8200	*8200	5600	*6050	*6050	4100	*4300	*4300		4000
	Lower (std UC) – f. dozer & r. stabilizer up		*9750	*9750	9500	7850	6750	5100	5100	4450	3400	3800	3300	2550	3650	3200		2500
	Lower (std UC) – f. dozer & r. stabilizer down		*9750	*9750	*9750	*11 000	*11 000	8950	*8200	*8200	5750	*6050	*6050	4250	*4300	*4300		4100
	Lower (std UC) – 2 sets stabilizers up		*9750	*9750	9650	7800	6950	5150	5100	4600	3450	3750	3450	2600	3650	3350		2500
-3000 mm	MH – stabilizers up – solid tires		*11 850	*11 850	10 200	7750	7750	5450	5100	3650				4350	4350	3150	6780	
	MH – stabilizers down – solid tires		*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	*6800			*5350	*5350	*5350		
	Lower (std UC) – f. stabilizer & r. dozer up		*11 850	*11 850	9700	7650	7100	5150	5000	4700	3500			4250	4000	3000		
	Lower (std UC) – f. stabilizer & r. dozer down		*11 850	*11 850	*11 850	*9200	*9200	8750	*6800	*6800	5650			*5350	*5350	4800		
	Lower (std UC) – f. dozer & r. stabilizer up		*11 850	*11 850	9700	7950	6800	5150	5200	4500	3500			4400	3850	3000		
	Lower (std UC) – f. dozer & r. stabilizer down		*11 850	*11 850	*11 850	*9200	*9200	9050	*6800	*6800	5850			*5350	*5350	4950		
	Lower (std UC) – 2 sets stabilizers up		*11 850	*11 850	9800	7900	7050	5250	5150	4700	3500			4400	4000	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.

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

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (5200 kg), heavy lift on.



Undercarriage MH or Standard

Boom One-Piece

Stick 2.5 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick 2.5 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	
7500 mm	MH – stabilizers up – solid tires							*3950	*3950	*3950				*3750	*3750	*3750	6020
	MH – stabilizers down – solid tires							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – f. stabilizer & r. dozer up							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – f. stabilizer & r. dozer down							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – f. dozer & r. stabilizer up							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – f. dozer & r. stabilizer down							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – 2 sets stabilizers up							*3950	*3950	*3950				*3750	*3750	*3750	
	Lower (std UC) – 2 sets stabilizers down							*3950	*3950	*3950				*3750	*3750	*3750	
6000 mm	MH – stabilizers up – solid tires							*6400	*6400	5050				*3350	*3350	*3350	7210
	MH – stabilizers down – solid tires							*6400	*6400	*6400				*3350	*3350	*3350	
	Lower (std UC) – f. stabilizer & r. dozer up							*6400	6200	4850				*3350	*3350	*3350	
	Lower (std UC) – f. stabilizer & r. dozer down							*6400	*6400	*6400				*3350	*3350	*3350	
	Lower (std UC) – f. dozer & r. stabilizer up							*6400	6000	4850				*3350	*3350	*3350	
	Lower (std UC) – f. dozer & r. stabilizer down							*6400	*6400	*6400				*3350	*3350	*3350	
	Lower (std UC) – 2 sets stabilizers up							*6400	6150	4900				*3350	*3350	*3350	
	Lower (std UC) – 2 sets stabilizers down							*6400	*6400	*6400				*3350	*3350	*3350	
4500 mm	MH – stabilizers up – solid tires							6450	6450	4900	4600	4600	3450	*3200	*3200	3150	7930
	MH – stabilizers down – solid tires							*6950	*6950	*6950	*6150	*6150	*6150	*3200	*3200	*3200	
	Lower (std UC) – f. stabilizer & r. dozer up							6400	6000	4700	4500	4250	3300	*3200	*3200	3000	
	Lower (std UC) – f. stabilizer & r. dozer down							*6950	*6950	*6950	*6150	*6150	5000	*3200	*3200	*3200	
	Lower (std UC) – f. dozer & r. stabilizer up							6550	5850	4700	4650	4100	3300	*3200	*3200	3000	
	Lower (std UC) – f. dozer & r. stabilizer down							*6950	*6950	*6950	*6150	*6150	5100	*3200	*3200	*3200	
	Lower (std UC) – 2 sets stabilizers up							6550	6000	4750	4600	4250	3350	*3200	*3200	3050	
	Lower (std UC) – 2 sets stabilizers down							*6950	*6950	*6950	*6150	*6150	6050	*3200	*3200	*3200	
3000 mm	MH – stabilizers up – solid tires				9450	9450	6900	6200	6200	4650	4500	4500	3200	*3200	*3200	2850	8300
	MH – stabilizers down – solid tires				*10 400	*10 400	*10 400	*7750	*7750	*7750	*6400	*6400	*6400	*3200	*3200	*3200	
	Lower (std UC) – f. stabilizer & r. dozer up				9400	8750	6650	6100	5750	4450	4400	4150	3200	*3200	*3200	2750	
	Lower (std UC) – f. stabilizer & r. dozer down				*10 400	*10 400	*10 400	*7750	*7750	6850	*6400	*6400	4900	*3200	*3200	*3200	
	Lower (std UC) – f. dozer & r. stabilizer up				9700	8450	6650	6300	5600	4450	4550	4000	3200	*3200	*3200	2750	
	Lower (std UC) – f. dozer & r. stabilizer down				*10 400	*10 400	*10 400	*7750	*7750	7000	*6400	*6400	5000	*3200	*3200	*3200	
	Lower (std UC) – 2 sets stabilizers up				9650	8700	6700	6250	5750	4500	4500	4150	3250	*3200	*3200	2750	
	Lower (std UC) – 2 sets stabilizers down				*10 400	*10 400	*10 400	*7750	*7750	*7750	*6400	*6400	5950	*3200	*3200	*3200	
1500 mm	MH – stabilizers up – solid tires				8950	8950	6450	5950	5950	4400	4350	4350	3250	*3350	*3350	2750	8390
	MH – stabilizers down – solid tires				*11 750	*11 750	*11 750	*8400	*8400	*8400	*6700	*6700	*6700	*3350	*3350	*3350	
	Lower (std UC) – f. stabilizer & r. dozer up				8850	8250	6150	5850	5550	4200	4250	4050	3100	*3350	*3350	2650	
	Lower (std UC) – f. stabilizer & r. dozer down				*11 750	*11 750	10 000	*8400	*8400	6550	*6700	*6700	4750	*3350	*3350	*3350	
	Lower (std UC) – f. dozer & r. stabilizer up				9150	7950	6150	6050	5350	4200	4400	3900	3100	*3350	3300	2650	
	Lower (std UC) – f. dozer & r. stabilizer down				*11 750	*11 750	10 350	*8400	*8400	6750	*6700	*6700	4900	*3350	*3350	*3350	
	Lower (std UC) – 2 sets stabilizers up				9100	8200	6250	6000	5500	4250	4400	4050	3150	*3350	*3350	2650	
	Lower (std UC) – 2 sets stabilizers down				*11 750	*11 750	*11 750	*8400	*8400	8100	*6700	*6700	5800	*3350	*3350	*3350	
0 mm	MH – stabilizers up – solid tires				8750	8750	6250	5800	5800	4250	4300	4300	3150	*3700	*3700	2800	8180
	MH – stabilizers down – solid tires				*11 850	*11 850	*11 850	*8600	*8600	*8600	*6650	*6650	*6650	*3700	*3700	*3700	
	Lower (std UC) – f. stabilizer & r. dozer up				8650	8000	5950	5700	5350	4050	4200	3950	3000	*3700	3550	2700	
	Lower (std UC) – f. stabilizer & r. dozer down				*11 850	*11 850	9800	*8600	*8600	6400	*6650	*6650	4700	*3700	*3700	*3700	
	Lower (std UC) – f. dozer & r. stabilizer up				8950	7750	5950	5900	5200	4050	4300	3800	3000	*3700	3400	2700	
	Lower (std UC) – f. dozer & r. stabilizer down				*11 850	*11 850	10 150	*8600	*8600	6600	*6650	*6650	4800	*3700	*3700	*3700	
	Lower (std UC) – 2 sets stabilizers up				8900	8000	6050	5850	5350	4100	4300	3950	3050	*3700	3500	2700	
	Lower (std UC) – 2 sets stabilizers down				*11 850	*11 850	*11 850	*8600	*8600	7900	*6650	*6650	5700	*3700	*3700	*3700	
-1500 mm	MH – stabilizers up – solid tires	*9750	*9750	*9750	8700	8700	6200	5750	5750	4200	4250	4250	3150	4150	4150	3050	7670
	MH – stabilizers down – solid tires	*9750	*9750	*9750	*11 000	*11 000	*11 000	*8200	*8200	*8200	*6050	*6050	*6050	*4300	*4300	*4300	
	Lower (std UC) – f. stabilizer & r. dozer up	*9750	*9750	*9750	8600	8000	5950	5650	5300	4000	4150	3950	3000	4050	3850	2950	
	Lower (std UC) – f. stabilizer & r. dozer down	*9750	*9750	*9750	*11 000	*11 000	9750	*8200	*8200	6350	*6050	*6050	4650	*4300	*4300	*4300	
	Lower (std UC) – f. dozer & r. stabilizer up	*9750	*9750	*9750	8900	7700	5950	5850	5100	4000	4300	3800	3000	4200	3700	2950	
	Lower (std UC) – f. dozer & r. stabilizer down	*9750	*9750	*9750	*11 000	*11 000	10 100	*8200	*8200	6550	*6050	*6050	4800	*4300	*4300	*4300	
	Lower (std UC) – 2 sets stabilizers up	*9750	*9750	*9750	8850	7950	6000	5800	5300	4050	4300	3950	3050	4150	3800	2950	
	Lower (std UC) – 2 sets stabilizers down	*9750	*9750	*9750	*11 000	*11 000	*11 000	*8200	*8200	7850	*6050	*6050	5700	*4300	*4300	*4300	
-3000 mm	MH – stabilizers up – solid tires	*11 850	*11 850	11 700	8800	8800	6300	5800	5800	4250				4950	4950	3650	6780
	MH – stabilizers down – solid tires	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	*6800				*5350	*5350	*5350	
	Lower (std UC) – f. stabilizer & r. dozer up	*11 850	*11 850	11 200	8700	8050	6000	5700	5350	4050				4850	4600	3500	
	Lower (std UC) – f. stabilizer & r. dozer down	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	6400				*5350	*5350	*5350	
	Lower (std UC) – f. dozer & r. stabilizer up	*11 850	*11 850	11 200	9000	7800	6000	5900	5200	4050				5000	4450	3500	
	Lower (std UC) – f. dozer & r. stabilizer down	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	6600				*5350	*5350	*5350	
	Lower (std UC) – 2 sets stabilizers up	*11 850	*11 850	11 300	8950	8050	6100	5850	5350	4100				5000	4550	3550	
	Lower (std UC) – 2 sets stabilizers down	*11 850	*11 850	*11 850	*9200	*9200	*9200	*6800	*6800	*6800				*5350	*5350	*5350	

*Limited by hydraulic rather than tipping load.

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


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


MH3024 Wheeled Material Handler Lift Charts


Lift Capacities


All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (4100 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 or Standard

Boom
One-Piece

Stick
2.9 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick			mm	
																		
7500 mm	MH – stabilizers up – solid tires														*3050	*3050	*3050	6560
	MH – stabilizers down – solid tires														*3050	*3050	*3050	
	Lower (std UC) – f. stabilizer & r. dozer up														*3050	*3050	*3050	
	Lower (std UC) – f. stabilizer & r. dozer down														*3050	*3050	*3050	
	Lower (std UC) – f. dozer & r. stabilizer up														*3050	*3050	*3050	
	Lower (std UC) – f. dozer & r. stabilizer down														*3050	*3050	*3050	
	Lower (std UC) – 2 sets stabilizers up														*3050	*3050	*3050	
6000 mm	MH – stabilizers up – solid tires														*3850	*3850	*3050	7660
	MH – stabilizers down – solid tires														*3850	*3850	*3850	
	Lower (std UC) – f. stabilizer & r. dozer up														*3850	*3850	*3850	
	Lower (std UC) – f. stabilizer & r. dozer down														*3850	*3850	*3850	
	Lower (std UC) – f. dozer & r. stabilizer up														*3850	*3850	*3850	
	Lower (std UC) – f. dozer & r. stabilizer down														*3850	*3850	*3850	
	Lower (std UC) – 2 sets stabilizers up														*3850	*3850	*3850	
4500 mm	MH – stabilizers up – solid tires																	8340
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	
3000 mm	MH – stabilizers up – solid tires																	8690
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	
1500 mm	MH – stabilizers up – solid tires																	8770
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	
0 mm	MH – stabilizers up – solid tires																	8580
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	
-1500 mm	MH – stabilizers up – solid tires																	8100
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	
-3000 mm	MH – stabilizers up – solid tires																	7260
	MH – stabilizers down – solid tires																	
	Lower (std UC) – f. stabilizer & r. dozer up																	
	Lower (std UC) – f. stabilizer & r. dozer down																	
	Lower (std UC) – f. dozer & r. stabilizer up																	
	Lower (std UC) – f. dozer & r. stabilizer down																	
	Lower (std UC) – 2 sets stabilizers up																	

*Limited by hydraulic rather than tipping load.

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

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (5200 kg), heavy lift on.



Undercarriage MH or Standard

Boom One-Piece

Stick 2.9 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick 2.9 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			
7500 mm	MH – stabilizers up – solid tires																*3050	*3050	*3050
	MH – stabilizers down – solid tires																*3050	*3050	*3050
	Lower (std UC) – f. stabilizer & r. dozer up																*3050	*3050	*3050
	Lower (std UC) – f. stabilizer & r. dozer down																*3050	*3050	*3050
	Lower (std UC) – f. dozer & r. stabilizer up																*3050	*3050	*3050
	Lower (std UC) – f. dozer & r. stabilizer down																*3050	*3050	*3050
	Lower (std UC) – 2 sets stabilizers up																*3050	*3050	*3050
6000 mm	MH – stabilizers up – solid tires																*3850	*3850	*3850
	MH – stabilizers down – solid tires																*3850	*3850	*3850
	Lower (std UC) – f. stabilizer & r. dozer up																*3850	*3850	*3850
	Lower (std UC) – f. stabilizer & r. dozer down																*3850	*3850	*3850
	Lower (std UC) – f. dozer & r. stabilizer up																*3850	*3850	*3850
	Lower (std UC) – f. dozer & r. stabilizer down																*3850	*3850	*3850
	Lower (std UC) – 2 sets stabilizers up																*3850	*3850	*3850
4500 mm	MH – stabilizers up – solid tires																6500	6500	4900
	MH – stabilizers down – solid tires																6500	6500	4900
	Lower (std UC) – f. stabilizer & r. dozer up																6400	6050	4750
	Lower (std UC) – f. stabilizer & r. dozer down																6400	6050	4750
	Lower (std UC) – f. dozer & r. stabilizer up																6550	6550	5850
	Lower (std UC) – f. dozer & r. stabilizer down																6550	5850	4750
	Lower (std UC) – 2 sets stabilizers up																6550	6550	5850
3000 mm	MH – stabilizers up – solid tires																9550	9550	7000
	MH – stabilizers down – solid tires																9850	9850	7400
	Lower (std UC) – f. stabilizer & r. dozer up																9500	8850	6700
	Lower (std UC) – f. stabilizer & r. dozer down																9850	9850	7400
	Lower (std UC) – f. dozer & r. stabilizer up																9800	8550	6700
	Lower (std UC) – f. dozer & r. stabilizer down																9850	9850	7400
	Lower (std UC) – 2 sets stabilizers up																9750	8800	6800
1500 mm	MH – stabilizers up – solid tires																9000	9000	6500
	MH – stabilizers down – solid tires																*11 400	*11 400	*11 400
	Lower (std UC) – f. stabilizer & r. dozer up																8900	8300	6200
	Lower (std UC) – f. stabilizer & r. dozer down																*11 400	*11 400	10 050
	Lower (std UC) – f. dozer & r. stabilizer up																9200	8000	6200
	Lower (std UC) – f. dozer & r. stabilizer down																*11 400	*11 400	10 450
	Lower (std UC) – 2 sets stabilizers up																9150	8250	6250
0 mm	MH – stabilizers up – solid tires																8700	8700	6200
	MH – stabilizers down – solid tires																*11 850	*11 850	*11 850
	Lower (std UC) – f. stabilizer & r. dozer up																8600	8000	5950
	Lower (std UC) – f. stabilizer & r. dozer down																*11 850	*11 850	9750
	Lower (std UC) – f. dozer & r. stabilizer up																8900	7700	5950
	Lower (std UC) – f. dozer & r. stabilizer down																*11 850	*11 850	10 100
	Lower (std UC) – 2 sets stabilizers up																8850	7950	6000
-1500 mm	MH – stabilizers up – solid tires																*9250	*9250	*9250
	MH – stabilizers down – solid tires																*9250	*9250	*9250
	Lower (std UC) – f. stabilizer & r. dozer up																*9250	*9250	*9250
	Lower (std UC) – f. stabilizer & r. dozer down																*9250	*9250	*9250
	Lower (std UC) – f. dozer & r. stabilizer up																*9250	*9250	*9250
	Lower (std UC) – f. dozer & r. stabilizer down																*9250	*9250	*9250
	Lower (std UC) – 2 sets stabilizers up																*9250	*9250	*9250
-3000 mm	MH – stabilizers up – solid tires																*13 200	*13 200	11 500
	MH – stabilizers down – solid tires																*13 200	*13 200	*13 200
	Lower (std UC) – f. stabilizer & r. dozer up																*13 200	*13 200	11 000
	Lower (std UC) – f. stabilizer & r. dozer down																*13 200	*13 200	*13 200
	Lower (std UC) – f. dozer & r. stabilizer up																*13 200	*13 200	11 000
	Lower (std UC) – f. dozer & r. stabilizer down																*13 200	*13 200	*13 200
	Lower (std UC) – 2 sets stabilizers up																*13 200	*13 200	11 100
-4500 mm	MH – stabilizers up – solid tires																*6850	*6850	6400
	MH – stabilizers down – solid tires																*6850	*6850	*6850
	Lower (std UC) – f. stabilizer & r. dozer up																*6850	*6850	6100
	Lower (std UC) – f. stabilizer & r. dozer down																*6850	*6850	*6850
	Lower (std UC) – f. dozer & r. stabilizer up																*6850	*6850	6100
	Lower (std UC) – f. dozer & r. stabilizer down																*6850	*6850	*6850
	Lower (std UC) – 2 sets stabilizers up																*6850	*6850	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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage MH or Standard

Boom VA

Stick 2.5 m

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick 2.5 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						
7500 mm	MH – stabilizers up – solid tires																*3850	*3850	*3850			
	MH – stabilizers down – solid tires																*3850	*3850	*3850			
	Lower (std UC) – f. stabilizer & r. dozer up																*3850	*3850	*3850			
	Lower (std UC) – f. stabilizer & r. dozer down																*3850	*3850	*3850			
	Lower (std UC) – f. dozer & r. stabilizer up																*3850	*3850	*3850			
	Lower (std UC) – f. dozer & r. stabilizer down																*3850	*3850	*3850			
	Lower (std UC) – 2 sets stabilizers up																*3850	*3850	*3850			
6000 mm	MH – stabilizers up – solid tires							6000	6000	4450							*3350	*3350	3300			
	MH – stabilizers down – solid tires							*6750	*6750	*6750							*3350	*3350	*3350			
	Lower (std UC) – f. stabilizer & r. dozer up							5900	5550	4250							*3350	*3350	3150			
	Lower (std UC) – f. stabilizer & r. dozer down							*6750	*6750	6600							*3350	*3350	*3350			
	Lower (std UC) – f. dozer & r. stabilizer up							6050	5350	4250							*3350	*3350	3150			
	Lower (std UC) – f. dozer & r. stabilizer down							*6750	*6750	*6750							*3350	*3350	*3350			
	Lower (std UC) – 2 sets stabilizers up							6050	5550	4300							*3350	*3350	3200			
4500 mm	MH – stabilizers up – solid tires							*8750	*8750	6700	5800	5800	4300	4050	4050	3000	*3150	*3150	2750			
	MH – stabilizers down – solid tires							*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	*5800	*3150	*3150	*3150			
	Lower (std UC) – f. stabilizer & r. dozer up							*8750	8450	6400	5700	5400	4100	3950	3750	2850	*3150	*3150	2600			
	Lower (std UC) – f. stabilizer & r. dozer down							*8750	*8750	*8750	*7100	*7100	6400	*5800	*5800	4450	*3150	*3150	*3150			
	Lower (std UC) – f. dozer & r. stabilizer up							*8750	8200	6400	5900	5200	4100	4100	3600	2850	*3150	*3150	2600			
	Lower (std UC) – f. dozer & r. stabilizer down							*8750	*8750	*8750	*7100	*7100	6600	*5800	*5800	4550	*3150	*3150	*3150			
	Lower (std UC) – 2 sets stabilizers up							*8750	8450	6500	5850	5350	4150	4050	3750	2850	*3150	*3150	2650			
3000 mm	MH – stabilizers up – solid tires							*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	5450	*3150	*3150	*3150			
	MH – stabilizers down – solid tires							8550	8550	6100	5550	5550	4050	3950	3950	2900	*3100	*3100	2500			
	Lower (std UC) – f. stabilizer & r. dozer up							*10 500	*10 500	*10 500	*7550	*7550	*7550	*6000	*6000	*6000	*3100	*3100	*3100			
	Lower (std UC) – f. stabilizer & r. dozer down							8450	7850	5800	5450	5150	3850	3850	3650	2750	*3100	*3100	2350			
	Lower (std UC) – f. dozer & r. stabilizer up							*10 500	*10 500	9550	8500	*7550	6150	*6000	*6000	4350	*3100	*3100	*3100			
	Lower (std UC) – f. dozer & r. stabilizer down							8700	7550	5800	5650	4950	3850	4000	3500	2750	*3100	*3100	2350			
	Lower (std UC) – 2 sets stabilizers up							*10 500	*10 500	9900	*7550	*7550	6300	*6000	*6000	4450	*3100	*3100	*3100			
1500 mm	MH – stabilizers up – solid tires							8650	7800	5900	5600	5100	3900	3950	3650	2750	*3100	*3100	2400			
	MH – stabilizers down – solid tires							*10 500	*10 500	*10 500	*7550	*7550	*7550	*6000	*6000	5350	*3100	*3100	*3100			
	Lower (std UC) – f. stabilizer & r. dozer up							7950	7950	5600	5300	5300	3800	3850	3850	2750	*3250	*3250	2400			
	Lower (std UC) – f. stabilizer & r. dozer down							*11 700	*11 700	*11 700	*8250	*8250	*8250	*6300	*6300	*6300	*3250	*3250	*3250			
	Lower (std UC) – f. dozer & r. stabilizer up							7850	7300	5300	5150	4850	3600	3750	3550	2600	3200	3050	2250			
	Lower (std UC) – f. dozer & r. stabilizer down							*11 700	*11 700	8950	*8250	*8250	5850	*6300	*6300	4250	*3250	*3250	*3250			
	Lower (std UC) – 2 sets stabilizers up							8150	7000	5300	5350	4700	3600	3900	3400	2600	*3250	2900	2250			
0 mm	MH – stabilizers up – solid tires							*11 700	*11 700	9300	*8250	*8250	6050	*6300	*6300	4350	*3250	*3250	*3250			
	MH – stabilizers down – solid tires							8100	7250	5400	5350	4850	3650	3850	3500	2650	*3250	3050	2300			
	Lower (std UC) – f. stabilizer & r. dozer up							*11 700	*11 700	11 550	*8250	*8250	7300	*6300	*6300	5200	*3250	*3250	*3250			
	Lower (std UC) – f. stabilizer & r. dozer down							7700	7700	5350	5100	5100	3650	3750	3750	2700	3400	3400	2450			
	Lower (std UC) – f. dozer & r. stabilizer up							*11 650	*11 650	*11 650	*8500	*8500	*8500	*6550	*6550	6200	*3500	*3500	*3500			
	Lower (std UC) – f. dozer & r. stabilizer down							7600	7050	5100	5000	4700	3450	3450	3450	2500	3300	3100	2300			
	Lower (std UC) – 2 sets stabilizers up							*11 650	*11 650	8700	*8500	*8500	5700	*6550	*6550	4150	*3500	*3500	*3500			
-1500 mm	MH – stabilizers up – solid tires							7900	6750	5100	5200	4500	3450	3800	3300	2550	3450	3000	2300			
	MH – stabilizers down – solid tires							*11 650	*11 650	9000	*8500	*8500	5850	*6550	6250	4250	*3500	*3500	*3500			
	Lower (std UC) – f. stabilizer & r. dozer up							7850	7000	5150	5150	4650	3500	3750	3450	2600	3400	3100	2350			
	Lower (std UC) – f. stabilizer & r. dozer down							*11 650	*11 650	11 250	*8500	*8500	7100	*6550	6450	5150	*3500	*3500	*3500			
	Lower (std UC) – f. dozer & r. stabilizer up							*10 000	*10 000	9900	7650	7650	5300	5050	3600	3750	3750	2700	3750	2650		
	Lower (std UC) – f. dozer & r. stabilizer down							*10 000	*10 000	*10 000	*10 600	*10 600	*10 600	*7900	*7900	*7900	*5150	*5150	*4000			
	Lower (std UC) – 2 sets stabilizers up							*10 000	*10 000	9400	7550	7000	5050	4950	4650	3400	3650	3450	2550	3600	3450	2500
-3000 mm	MH – stabilizers up – solid tires							*10 000	*10 000	9400	7850	6700	5050	4450	3400	3800	3300	2550	3750	3300	2500	
	MH – stabilizers down – solid tires							*10 000	*10 000	*10 000	*10 600	*10 600	9000	*7900	*7900	5800	*5150	*5150	4250	*4000	*4000	*4000
	Lower (std UC) – f. stabilizer & r. dozer up							*10 000	*10 000	9550	7800	6950	5100	5100	4600	3450	3750	3450	2600	3750	3400	2550
	Lower (std UC) – f. stabilizer & r. dozer down							*10 000	*10 000	*10 000	*10 600	*10 600	*10 600	*7900	*7900	7050	*5150	*5150	5150	*4000	*4000	*4000
	Lower (std UC) – f. dozer & r. stabilizer up							7800	7800	5400	5150	5150	3650									
	Lower (std UC) – f. dozer & r. stabilizer down							*8500	*8500	*8500	*6150	*6150	*6150									
	Lower (std UC) – 2 sets stabilizers up							7650	7100	5150	5000	4700	3450									

*Limited by hydraulic rather than tipping load.

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

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

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (5200 kg), heavy lift on.



Undercarriage MH or Standard

Load point height	Undercarriage configuration	Boom VA									Stick 2.5 m						
		3000 mm			4500 mm			6000 mm			7500 mm			mm			
7500 mm	MH – stabilizers up – solid tires														*3850	*3850	*3850
	MH – stabilizers down – solid tires														*3850	*3850	*3850
	Lower (std UC) – f. stabilizer & r. dozer up														*3850	*3850	*3850
	Lower (std UC) – f. stabilizer & r. dozer down														*3850	*3850	*3850
	Lower (std UC) – f. dozer & r. stabilizer up														*3850	*3850	*3850
	Lower (std UC) – f. dozer & r. stabilizer down														*3850	*3850	*3850
	Lower (std UC) – 2 sets stabilizers up														*3850	*3850	*3850
	Lower (std UC) – 2 sets stabilizers down														*3850	*3850	*3850
6000 mm	MH – stabilizers up – solid tires							6650	6650	5050					*3350	*3350	*3350
	MH – stabilizers down – solid tires							*6750	*6750	*6750					*3350	*3350	*3350
	Lower (std UC) – f. stabilizer & r. dozer up							6600	6200	4850					*3350	*3350	*3350
	Lower (std UC) – f. stabilizer & r. dozer down							*6750	*6750	*6750					*3350	*3350	*3350
	Lower (std UC) – f. dozer & r. stabilizer up							6750	6050	4850					*3350	*3350	*3350
	Lower (std UC) – f. dozer & r. stabilizer down							*6750	*6750	*6750					*3350	*3350	*3350
	Lower (std UC) – 2 sets stabilizers up							6750	6200	4900					*3350	*3350	*3350
	Lower (std UC) – 2 sets stabilizers down							*6750	*6750	*6750					*3350	*3350	*3350
4500 mm	MH – stabilizers up – solid tires				*8750	*8750	7550	6500	6500	4900	4550	4550	3450		*3150	*3150	*3150
	MH – stabilizers down – solid tires				*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	*6800		*3150	*3150	*3150
	Lower (std UC) – f. stabilizer & r. dozer up				*8750	*8750	7250	6400	6050	4700	4500	4250	3300		*3150	*3150	3050
	Lower (std UC) – f. stabilizer & r. dozer down				*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	5000		*3150	*3150	*3150
	Lower (std UC) – f. dozer & r. stabilizer up				*8750	*8750	7250	6600	5850	4700	4650	4100	3300		*3150	*3150	3050
	Lower (std UC) – f. dozer & r. stabilizer down				*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	5150		*3150	*3150	*3150
	Lower (std UC) – 2 sets stabilizers up				*8750	*8750	7300	6600	6050	4750	4600	4250	3300		*3150	*3150	3050
	Lower (std UC) – 2 sets stabilizers down				*8750	*8750	*8750	*7100	*7100	*7100	*5800	*5800	*5800		*3150	*3150	*3150
3000 mm	MH – stabilizers up – solid tires				9550	9550	6950	6250	6250	4650	4500	4500	3350		*3100	*3100	2900
	MH – stabilizers down – solid tires				*10 500	*10 500	*10 500	*7550	*7550	*7550	*6000	*6000	*6000		*3100	*3100	*3100
	Lower (std UC) – f. stabilizer & r. dozer up				9500	8800	6650	6150	5800	4450	4400	4150	3200		*3100	*3100	2750
	Lower (std UC) – f. stabilizer & r. dozer down				*10 500	*10 500	*10 500	*7550	*7550	6850	*6000	*6000	4900		*3100	*3100	*3100
	Lower (std UC) – f. dozer & r. stabilizer up				9800	8550	6650	6350	5600	4450	4550	4000	3200		*3100	*3100	2750
	Lower (std UC) – f. dozer & r. stabilizer down				*10 500	*10 500	*10 500	*7550	*7550	7050	*6000	*6000	5050		*3100	*3100	*3100
	Lower (std UC) – 2 sets stabilizers up				9750	8750	6750	6300	5750	4500	4500	4150	3200		*3100	*3100	2800
	Lower (std UC) – 2 sets stabilizers down				*10 500	*10 500	*10 500	*7550	*7550	*7550	*6000	*6000	5950		*3100	*3100	*3100
1500 mm	MH – stabilizers up – solid tires				9000	9000	6450	6000	6000	4400	4350	3250			*3250	*3250	2800
	MH – stabilizers down – solid tires				*11 700	*11 700	*11 700	*8250	*8250	*8250	*6300	*6300	*6300		*3250	*3250	*3250
	Lower (std UC) – f. stabilizer & r. dozer up				8900	8250	6150	5900	5550	4200	4250	4050	3050		*3250	*3250	2650
	Lower (std UC) – f. stabilizer & r. dozer down				*11 700	*11 700	10 100	*8250	*8250	6600	*6300	*6300	4800		*3250	*3250	*3250
	Lower (std UC) – f. dozer & r. stabilizer up				9200	8000	6150	6100	5350	4200	4400	3900	3050		*3250	*3250	2650
	Lower (std UC) – f. dozer & r. stabilizer down				*11 700	*11 700	10 450	*8250	*8250	6800	*6300	*6300	4900		*3250	*3250	*3250
	Lower (std UC) – 2 sets stabilizers up				9150	8200	6200	6050	5500	4250	4400	4000	3100		*3250	*3250	2700
	Lower (std UC) – 2 sets stabilizers down				*11 700	*11 700	*11 700	*8250	*8250	8150	*6300	*6300	5850		*3250	*3250	*3250
0 mm	MH – stabilizers up – solid tires				8750	8750	6200	5800	5800	4250	4250	4250	3150		*3500	*3500	2850
	MH – stabilizers down – solid tires				*11 650	*11 650	*11 650	*8500	*8500	*8500	*6550	*6550	*6550		*3500	*3500	*3500
	Lower (std UC) – f. stabilizer & r. dozer up				8650	8000	5900	5700	5350	4050	4200	3950	3000		*3500	*3500	2700
	Lower (std UC) – f. stabilizer & r. dozer down				*11 650	*11 650	9800	*8500	*8500	6400	*6550	*6550	4700		*3500	*3500	*3500
	Lower (std UC) – f. dozer & r. stabilizer up				8950	7750	5900	5900	5150	4050	4350	3800	3000		*3500	*3500	2700
	Lower (std UC) – f. dozer & r. stabilizer down				*11 650	*11 650	10 150	*8500	*8500	6600	*6550	*6550	4800		*3500	*3500	*3500
	Lower (std UC) – 2 sets stabilizers up				8900	7950	6000	5850	5350	4100	4300	3950	3050		*3500	*3500	2750
	Lower (std UC) – 2 sets stabilizers down				*11 650	*11 650	*11 650	*8500	*8500	7950	*6550	*6550	5750		*3500	*3500	*3500
-1500 mm	MH – stabilizers up – solid tires	*10 000	*10 000	*10 000	8700	8700	6150	5750	5750	4200	4250	4250	3150		*4000	*4000	3100
	MH – stabilizers down – solid tires	*10 000	*10 000	*10 000	*10 600	*10 600	*10 600	*7900	*7900	*7900	*5150	*5150	*5150		*4000	*4000	*4000
	Lower (std UC) – f. stabilizer & r. dozer up	*10 000	*10 000	*10 000	8600	7950	5900	5650	5300	4000	4200	3950	3000		*4000	*3900	2950
	Lower (std UC) – f. stabilizer & r. dozer down	*10 000	*10 000	*10 000	*10 600	*10 600	9750	*7900	*7900	6350	*5150	*5150	4700		*4000	*4000	*4000
	Lower (std UC) – f. dozer & r. stabilizer up	*10 000	*10 000	*10 000	8900	7700	5900	5850	5100	4000	4350	3800	3000		*4000	*3800	2950
	Lower (std UC) – f. dozer & r. stabilizer down	*10 000	*10 000	*10 000	*10 600	*10 600	10 150	*7900	*7900	6550	*5150	*5150	4800		*4000	*4000	*4000
	Lower (std UC) – 2 sets stabilizers up	*10 000	*10 000	*10 000	8850	7950	5950	5800	5300	4050	4300	3950	3050		*4000	*3900	3000
	Lower (std UC) – 2 sets stabilizers down	*10 000	*10 000	*10 000	*10 600	*10 600	*10 600	*7900	*7900	7900	*5150	*5150	*5150		*4000	*4000	*4000
-3000 mm	MH – stabilizers up – solid tires				*8500	*8500	6250	5800	5800	4250					*6150	*6150	
	MH – stabilizers down – solid tires				*8500	*8500	*8500	*6150	*6150	*6150							
	Lower (std UC) – f. stabilizer & r. dozer up				*8500	8050	6000	5700	5400	4050							
	Lower (std UC) – f. stabilizer & r. dozer down				*8500	*8500	*8500	*6150	*6150	*6150							
	Lower (std UC) – f. dozer & r. stabilizer up				*8500	7800	6000	5900	5200	4050							
	Lower (std UC) – f. dozer & r. stabilizer down				*8500	*8500	*8500	*6150	*6150	*6150							
	Lower (std UC) – 2 sets stabilizers up				*8500	8050	6050	5900	5350	4100							
	Lower (std UC) – 2 sets stabilizers down				*8500	*8500	*8500	*6150	*6150	*6150							

*Limited by hydraulic rather than tipping load.

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

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

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage MH or Standard

Boom VA

Stick 2.9 m

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				
7500 mm	MH – stabilizers up – solid tires							*5100	*5100	4500				*3100	*3100	*3100	6410			
	MH – stabilizers down – solid tires							*5100	*5100	*5100				*3100	*3100	*3100				
	Lower (std UC) – f. stabilizer & r. dozer up							*5100	*5100	4300				*3100	*3100	*3100				
	Lower (std UC) – f. stabilizer & r. dozer down							*5100	*5100	*5100				*3100	*3100	*3100				
	Lower (std UC) – f. dozer & r. stabilizer up							*5100	*5100	4300				*3100	*3100	*3100				
	Lower (std UC) – f. dozer & r. stabilizer down							*5100	*5100	*5100				*3100	*3100	*3100				
	Lower (std UC) – 2 sets stabilizers up							*5100	*5100	4350				*3100	*3100	*3100				
6000 mm	MH – stabilizers up – solid tires							6050	6050	4500	*3150	*3150	3000	*2750	*2750	*2750	7540			
	MH – stabilizers down – solid tires							*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750				
	Lower (std UC) – f. stabilizer & r. dozer up							5950	5600	4300	*3150	*3150	2850	*2750	*2750	*2750				
	Lower (std UC) – f. stabilizer & r. dozer down							*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750				
	Lower (std UC) – f. dozer & r. stabilizer up							6150	5450	4300	*3150	*3150	2850	*2750	*2750	*2750				
	Lower (std UC) – f. dozer & r. stabilizer down							*6300	*6300	*6300	*3150	*3150	*3150	*2750	*2750	*2750				
	Lower (std UC) – 2 sets stabilizers up							6100	5600	4350	*3150	*3150	2900	*2750	*2750	*2750				
4500 mm	MH – stabilizers up – solid tires				*7850	*7850	6800	5850	5850	4350	4100	4100	3000	*2600	*2600	2500	8230			
	MH – stabilizers down – solid tires				*7850	*7850	*7850	*6800	*6800	*6800	*5600	*5600	*5600	*2600	*2600	*2600				
	Lower (std UC) – f. stabilizer & r. dozer up				*7850	*7850	6550	5750	5450	4150	4000	3800	2850	*2600	*2600	2400				
	Lower (std UC) – f. stabilizer & r. dozer down				*7850	*7850	*7850	*6800	*6800	6450	*5600	*5600	4500	*2600	*2600	*2600				
	Lower (std UC) – f. dozer & r. stabilizer up				*7850	*7850	6550	5950	5250	4150	4150	3650	2850	*2600	*2600	2400				
	Lower (std UC) – f. dozer & r. stabilizer down				*7850	*7850	*7850	*6800	*6800	6650	*5600	*5600	4600	*2600	*2600	*2600				
	Lower (std UC) – 2 sets stabilizers up				*7850	*7850	6600	5900	5400	4200	4100	3750	2900	*2600	*2600	2400				
3000 mm	MH – stabilizers up – solid tires				8650	8650	6200	5600	5600	4100	3950	3950	2900	*2600	*2600	2300	8590			
	MH – stabilizers down – solid tires				*10 000	*10 000	*10 000	*7300	*7300	*7300	*5800	*5800	*5800	*2600	*2600	*2600				
	Lower (std UC) – f. stabilizer & r. dozer up				8550	7950	5900	5450	5150	3900	3850	3650	2750	*2600	*2600	2150				
	Lower (std UC) – f. stabilizer & r. dozer down				*10 000	*10 000	9700	*7300	*7300	6150	*5800	*5800	4350	*2600	*2600	*2600				
	Lower (std UC) – f. dozer & r. stabilizer up				8850	7650	5900	5650	4950	3900	4000	3500	2750	*2600	*2600	2150				
	Lower (std UC) – f. dozer & r. stabilizer down				*10 000	*10 000	*10 000	*7300	*7300	6350	*5800	*5800	4500	*2600	*2600	*2600				
	Lower (std UC) – 2 sets stabilizers up				8800	7900	6000	5650	5150	3950	4000	3650	2800	*2600	*2600	2200				
1500 mm	MH – stabilizers up – solid tires				8050	8050	5650	5300	5300	3800	3850	3850	2750	*2650	*2650	2200	8670			
	MH – stabilizers down – solid tires				*11 400	*11 400	*11 400	*7950	*7950	*7950	*6100	*6100	*6100	*2650	*2650	*2650				
	Lower (std UC) – f. stabilizer & r. dozer up				7900	7350	5350	5200	4900	3600	3700	3500	2600	*2650	*2650	2050				
	Lower (std UC) – f. stabilizer & r. dozer down				*11 400	*11 400	9050	*7950	*7950	5850	*6100	*6100	4200	*2650	*2650	*2650				
	Lower (std UC) – f. dozer & r. stabilizer up				8200	7050	5350	5400	4700	3600	3850	3400	2600	*2650	*2650	2050				
	Lower (std UC) – f. dozer & r. stabilizer down				*11 400	*11 400	9350	*7950	*7950	6050	*6100	*6100	4350	*2650	*2650	*2650				
	Lower (std UC) – 2 sets stabilizers up				8150	7300	5450	5350	4850	3650	3850	3500	2650	*2650	*2650	2100				
0 mm	MH – stabilizers up – solid tires				7700	7700	5350	5100	5100	3600	3700	3700	2650	*2850	*2850	2250	8470			
	MH – stabilizers down – solid tires				*11 750	*11 750	*11 750	*8500	*8500	*8500	*6450	*6450	6150	*2850	*2850	*2850				
	Lower (std UC) – f. stabilizer & r. dozer up				7600	7000	5050	4950	4600	3400	3600	3400	2450	*2850	*2850	2100				
	Lower (std UC) – f. stabilizer & r. dozer down				*11 750	*11 750	8700	*8500	*8500	5650	*6450	*6450	4100	*2850	*2850	*2850				
	Lower (std UC) – f. dozer & r. stabilizer up				7850	6750	5050	5150	4500	3400	3750	3250	2500	*2850	*2850	2100				
	Lower (std UC) – f. dozer & r. stabilizer down				*11 750	*11 750	9000	*8500	*8500	5850	*6450	*6450	4200	*2850	*2850	*2850				
	Lower (std UC) – 2 sets stabilizers up				7800	7000	5100	5150	4650	3450	3750	3400	2550	*2850	*2850	2150				
-1500 mm	MH – stabilizers up – solid tires				*9450	*9450	*9450	7600	7600	5250	5000	3550	3700	2600	*3250	*3250	2450	7980		
	MH – stabilizers down – solid tires				*9450	*9450	*9450	*10 950	*10 950	*10 950	*8100	*8100	*8100	*6000	*6000	*6000				
	Lower (std UC) – f. stabilizer & r. dozer up				*9450	*9450	9250	7500	6900	4950	4900	4600	3350	3550	3400	2450	*3250		3150	2300
	Lower (std UC) – f. stabilizer & r. dozer down				*9450	*9450	*9450	*10 950	*10 950	8600	*8100	*8100	5550	*6000	*6000	4050	*3250		*3250	*3250
	Lower (std UC) – f. dozer & r. stabilizer up				*9450	*9450	9250	7750	6650	4950	5050	4400	3350	3700	3250	2450	*3250		3000	2300
	Lower (std UC) – f. dozer & r. stabilizer down				*9450	*9450	*9450	*10 950	*10 950	8900	*8100	*8100	5750	*6000	*6000	4200	*3250		*3250	*3250
	Lower (std UC) – 2 sets stabilizers up				*9450	*9450	9350	7700	6900	5050	5050	4550	3400	3700	3350	2500	*3250		3100	2300
-3000 mm	MH – stabilizers up – solid tires				7650	7650	5300	5050	5050	3550										
	MH – stabilizers down – solid tires				*9150	*9150	*9150	*6750	*6750	*6750										
	Lower (std UC) – f. stabilizer & r. dozer up				7550	7000	5050	4900	4600	3350										
	Lower (std UC) – f. stabilizer & r. dozer down				*9150	*9150	8650	*6750	*6750	5600										
	Lower (std UC) – f. dozer & r. stabilizer up				7850	6700	5050	5100	4450	3350										
	Lower (std UC) – f. dozer & r. stabilizer down				*9150	*9150	8950	*6750	*6750	5750										
	Lower (std UC) – 2 sets stabilizers up				7800	6950	5100	5050	4600	3400										

*Limited by hydraulic rather than tipping load.



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

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MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


















All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (4100 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 or Standard

Boom 6.8 m MH

Stick 4.8 m Straight Stick

	Undercarriage configuration	4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm				mm	
																			
-1500 mm	MH – stabilizers up – solid tires				4400	4400	2950	3200	3200	2150									
	MH – stabilizers down – solid tires				*8450	*8450	7850	*6600	*6600	5550									
	Lower (std UC) – f. stabilizer & r. dozer up				4250	4000	2750	3050	2900	2000									
	Lower (std UC) – f. stabilizer & r. dozer down				*8450	*8450	4950	*6600	6550	3550									
	Lower (std UC) – f. dozer & r. stabilizer up				4450	3800	2750	3200	2750	2000									
	Lower (std UC) – f. dozer & r. stabilizer down				*8450	8000	5100	*6600	5600	3650									
	Lower (std UC) – 2 sets stabilizers up				4400	3950	2800	3200	2850	2050									
Lower (std UC) – 2 sets stabilizers down				*8450	8250	6350	*6600	5800	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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MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


















All values are in kg, bucket cylinder and linkage installed, hydraulic cab riser, work tool: none, with counterweight (5200 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 or Standard

Boom 6.8 m MH

Stick 4.8 m Straight Stick

	Undercarriage configuration	4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm				mm
																		
-1500 mm	MH – stabilizers up – solid tires				5100	5100	3550	3700	3700	2600								
	MH – stabilizers down – solid tires				*8450	*8450	*8450	*6600	*6600	6250								
	Lower (std UC) – f. stabilizer & r. dozer up				4950	4650	3350	3600	3400	2450								
	Lower (std UC) – f. stabilizer & r. dozer down				*8450	*8450	5650	*6600	*6600	4100								
	Lower (std UC) – f. dozer & r. stabilizer up				5150	4450	3350	3750	3250	2450								
	Lower (std UC) – f. dozer & r. stabilizer down				*8450	*8450	5850	*6600	6300	4250								
	Lower (std UC) – 2 sets stabilizers up				5150	4600	3400	3700	3350	2500								
Lower (std UC) – 2 sets stabilizers down				*8450	*8450	7150	*6600	6500	5150									

*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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage MH or Standard

Boom 6.8 m MH

Stick 4.9 m MH

	Undercarriage configuration	4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm						mm
12 000 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down																*7800	*7800	5850	5190
10 500 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down				6450	6450	4900	4400	4400	3300							4400	4400	3300	7500
9000 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down				6550	6550	5000	4550	4550	3450							3300	3300	2450	8980
7500 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down				6500	6500	4950	4550	4550	3450	3350	3350	2500				2750	2750	2000	10 020
6000 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down				6300	6300	4800	4450	4350	3300	3300	3300	2450	2500	1850	2400	2400	1750	10 740	
4500 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down	9500	9500	7050	6050	6050	4500	4250	4250	3200	3200	3200	2400	2500	1800	2200	2200	1600	11 220	
3000 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down	8700	8700	6300	5650	5650	4150	4050	4050	3000	3100	3100	2250	2400	1700	2100	2100	1500	11 470	
1500 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down	7950	7950	5600	5250	5250	3800	3850	3850	2800	2950	2950	2150	2350	1700	2050	2050	1450	11 520	
0 mm	MH – stabilizers up – solid tires MH – stabilizers down – solid tires Lower (std UC) – f. stabilizer & r. dozer up Lower (std UC) – f. stabilizer & r. dozer down Lower (std UC) – f. dozer & r. stabilizer up Lower (std UC) – f. dozer & r. stabilizer down Lower (std UC) – 2 sets stabilizers up Lower (std UC) – 2 sets stabilizers down	7450	7450	5150	5000	5000	3250	3700	3700	2650	2850	2850	2050	2300	2300	2300	2300	1650		

* Limited by hydraulic rather than tipping load.

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

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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)





















All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 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 or Standard

Boom 6.8 m MH

Stick 4.9 m MH

	Undercarriage configuration	4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm						mm
																				
-1500 mm	MH – stabilizers up – solid tires				4800	4800	3400	3550	3550	2550										
	MH – stabilizers down – solid tires				*9050	*9050	8300	*7150	*7150	5950										
	Lower (std UC) – f. stabilizer & r. dozer up				4700	4400	3200	3450	3300	2400										
	Lower (std UC) – f. stabilizer & r. dozer down				*9050	*9050	5350	7100	6950	3950										
	Lower (std UC) – f. dozer & r. stabilizer up				4900	4250	3200	3600	3150	2400										
	Lower (std UC) – f. dozer & r. stabilizer down				*9050	8450	5550	*7150	6000	4050										
	Lower (std UC) – 2 sets stabilizers up				4850	4400	3250	3600	3250	2400										
Lower (std UC) – 2 sets stabilizers down				*9050	8700	6750	*7150	6200	4900											

*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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


















All values are in kg, hydraulic cab riser, work tool: none, with counterweight (5200 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 or Standard

Boom 6.8 m MH

Stick 4.9 m MH

	Undercarriage configuration	4500 mm			6000 mm			7500 mm			9000 mm			10 500 mm				mm	
																			
-1500 mm	MH – stabilizers up – solid tires				5500	5500	4000	4100	4100	3000									
	MH – stabilizers down – solid tires				*9050	*9050	*9050	*7150	*7150	6600									
	Lower (std UC) – f. stabilizer & r. dozer up				5400	5100	3800	4000	3800	2850									
	Lower (std UC) – f. stabilizer & r. dozer down				*9050	*9050	6100	*7150	*7150	4500									
	Lower (std UC) – f. dozer & r. stabilizer up				5600	4900	3800	4150	3650	2850									
	Lower (std UC) – f. dozer & r. stabilizer down				*9050	*9050	6300	*7150	6700	4600									
	Lower (std UC) – 2 sets stabilizers up				5550	5050	3850	4100	3750	2900									
Lower (std UC) – 2 sets stabilizers down				*9050	*9050	7600	*7150	6900	5550										

*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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MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage

MH or Standard

Boom

6.8 m MH

Stick

5.9 m MH

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	
12 000 mm	MH – stabilizers up – solid tires							6500	6500	4950				4850	4850	3700	7090
	MH – stabilizers down – solid tires							*7450	*7450	*7450				*5700	*5700	*5700	
	Lower (std UC) – f. stabilizer & r. dozer up							6400	6050	4750				4750	4550	3550	
	Lower (std UC) – f. stabilizer & r. dozer down							*7450	*7450	7100				*5700	*5700	5300	
	Lower (std UC) – f. dozer & r. stabilizer up							6600	5850	4750				4900	4400	3550	
	Lower (std UC) – f. dozer & r. stabilizer down							*7450	*7450	7300				*5700	*5700	5450	
	Lower (std UC) – 2 sets stabilizers up							6550	6050	4800				4900	4500	3550	
	Lower (std UC) – 2 sets stabilizers down							*7450	*7450	*7450				*5700	*5700	*5700	
10 500 mm	MH – stabilizers up – solid tires												4650	4650	3550	8910	
	MH – stabilizers down – solid tires												*7250	*7250	7150		
	Lower (std UC) – f. stabilizer & r. dozer up												4550	4350	3400		
	Lower (std UC) – f. stabilizer & r. dozer down												*7250	*7250	5050		
	Lower (std UC) – f. dozer & r. stabilizer up												4700	4200	3400		
	Lower (std UC) – f. dozer & r. stabilizer down												*7250	7250	5150		
	Lower (std UC) – 2 sets stabilizers up												4650	4300	3450		
	Lower (std UC) – 2 sets stabilizers down												*7250	*7250	6050		
9000 mm	MH – stabilizers up – solid tires												4700	4700	3600	10 180	
	MH – stabilizers down – solid tires												*7450	*7450	7200		
	Lower (std UC) – f. stabilizer & r. dozer up												4600	4400	3450		
	Lower (std UC) – f. stabilizer & r. dozer down												*7450	*7450	5100		
	Lower (std UC) – f. dozer & r. stabilizer up												4750	4250	3450		
	Lower (std UC) – f. dozer & r. stabilizer down												*7450	7300	5250		
	Lower (std UC) – 2 sets stabilizers up												4700	4350	3500		
	Lower (std UC) – 2 sets stabilizers down												*7450	*7450	6150		
7500 mm	MH – stabilizers up – solid tires												4700	4700	3600	11 110	
	MH – stabilizers down – solid tires												*7500	*7500	7200		
	Lower (std UC) – f. stabilizer & r. dozer up												4600	4350	3450		
	Lower (std UC) – f. stabilizer & r. dozer down												*7500	*7500	5100		
	Lower (std UC) – f. dozer & r. stabilizer up												4700	4250	3450		
	Lower (std UC) – f. dozer & r. stabilizer down												*7500	7300	5200		
	Lower (std UC) – 2 sets stabilizers up												4700	4350	3450		
	Lower (std UC) – 2 sets stabilizers down												*7500	7500	6100		
6000 mm	MH – stabilizers up – solid tires												4550	4550	3500	11 760	
	MH – stabilizers down – solid tires												*7700	*7700	7100		
	Lower (std UC) – f. stabilizer & r. dozer up												4450	4250	3350		
	Lower (std UC) – f. stabilizer & r. dozer down												*7700	*7700	4950		
	Lower (std UC) – f. dozer & r. stabilizer up												4600	4100	3350		
	Lower (std UC) – f. dozer & r. stabilizer down												*7700	7150	5100		
	Lower (std UC) – 2 sets stabilizers up												4600	4250	3350		
	Lower (std UC) – 2 sets stabilizers down												*7700	7350	6000		
4500 mm	MH – stabilizers up – solid tires							6300	6300	4750			4400	4400	3300	12 200	
	MH – stabilizers down – solid tires							*9500	*9500	*9500			*8000	*8000	6850		
	Lower (std UC) – f. stabilizer & r. dozer up							6200	5850	4550			4300	4100	3150		
	Lower (std UC) – f. stabilizer & r. dozer down							*9500	*9500	6900			*8000	7900	4800		
	Lower (std UC) – f. dozer & r. stabilizer up							6350	5650	4450			3950	3150	1900		
	Lower (std UC) – f. dozer & r. stabilizer down							*9500	*9500	7050			*8000	6950	4900		
	Lower (std UC) – 2 sets stabilizers up							6350	5800	4600			4400	4050	3200		
	Lower (std UC) – 2 sets stabilizers down							*9500	*9500	8400			*8000	7150	5800		
3000 mm	MH – stabilizers up – solid tires							9250	9250	6750			5850	5850	4350	12 430	
	MH – stabilizers down – solid tires							*13 350	*13 350	*13 350			*10 250	*10 250	9500		
	Lower (std UC) – f. stabilizer & r. dozer up							9150	8550	6500			5750	5450	4150		
	Lower (std UC) – f. stabilizer & r. dozer down							*13 350	*13 350	10 300			*10 250	*10 250	6450		
	Lower (std UC) – f. dozer & r. stabilizer up							9450	8250	6500			5950	5250	4150		
	Lower (std UC) – f. dozer & r. stabilizer down							*13 350	*13 350	10 650			*10 250	9700	6650		
	Lower (std UC) – 2 sets stabilizers up							9400	8500	6550			5400	4200	4150		
	Lower (std UC) – 2 sets stabilizers down							*13 350	*13 350	13 000			*10 250	9950	7950		
1500 mm	MH – stabilizers up – solid tires							8300	8300	5900			5400	5400	3900	12 480	
	MH – stabilizers down – solid tires							*14 600	*14 600	*14 600			*10 750	*10 750	9000		
	Lower (std UC) – f. stabilizer & r. dozer up							8200	7600	5650			5300	5000	3750		
	Lower (std UC) – f. stabilizer & r. dozer down							*14 600	*14 600	9300			*10 750	10 600	6000		
	Lower (std UC) – f. dozer & r. stabilizer up							8500	7350	5650			5500	4800	3750		
	Lower (std UC) – f. dozer & r. stabilizer down							*14 600	*14 600	9650			*10 750	9150	6150		
	Lower (std UC) – 2 sets stabilizers up							8400	7550	5700			5450	4950	3800		
	Lower (std UC) – 2 sets stabilizers down							*14 600	*14 600	11 900			*10 750	9450	7450		
0 mm	MH – stabilizers up – solid tires							7550	7550	5250			5050	5050	3600		
	MH – stabilizers down – solid tires							*4050	*4050	*4050			*10 750	*10 750	8550		
	Lower (std UC) – f. stabilizer & r. dozer up							*4050	*4050	7450			3400	3550	3400		
	Lower (std UC) – f. stabilizer & r. dozer down							*4050	*4050	14 600			8550	7250	7100		
	Lower (std UC) – f. dozer & r. stabilizer up							*4050	*4050	7750			6600	4950	5100		
	Lower (std UC) – f. dozer & r. stabilizer down							*4050	*4050	14 300			8850	*10 750	8700		
	Lower (std UC) – 2 sets stabilizers up							*4050	*4050	7650			6850	5050	4600		
	Lower (std UC) – 2 sets stabilizers down							*4050	*4050	14 600			11 050	*10 750	8950		

*Limited by hydraulic rather than tipping load.

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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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


















All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 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 or Standard

Boom 6.8 m MH

Stick 5.9 m MH

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
-1500 mm	MH – stabilizers up – solid tires				7150	7150	4900	4750	4750	3350	3500	3500	2500				
	MH – stabilizers down – solid tires				*10 400	*10 400	*10 400	*9950	*9950	8250	7500	7500	5900				
	Lower (std UC) – f. stabilizer & r. dozer up				7050	6500	4600	4650	4350	3150	3400	3200	2350				
	Lower (std UC) – f. stabilizer & r. dozer down				*10 400	*10 400	8100	*9950	9800	5300	7050	6900	3900				
	Lower (std UC) – f. dozer & r. stabilizer up				7300	6250	4600	4850	4200	3150	3550	3100	2350				
	Lower (std UC) – f. dozer & r. stabilizer down				*10 400	*10 400	8400	*9950	8400	5500	*7750	5950	4000				
	Lower (std UC) – 2 sets stabilizers up				7250	6450	4650	4800	4350	3200	3500	3200	2350				
Lower (std UC) – 2 sets stabilizers down				*10 400	*10 400	*10 400	*9950	8650	6700	7250	6150	4850					

*Limited by hydraulic rather than tipping load.

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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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)

All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 kg), heavy lift on.



Undercarriage MH or Standard

Boom 6.8 m MH

Stick 5.9 m MH

Load point height	Undercarriage configuration	9000 mm			10 500 mm			12 000 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	
12 000 mm	MH – stabilizers up – solid tires										4850	4850	3700	7090
	MH – stabilizers down – solid tires										*5700	*5700	*5700	
	Lower (std UC) – f. stabilizer & r. dozer up										4750	4550	3550	
	Lower (std UC) – f. stabilizer & r. dozer down										*5700	*5700	5300	
	Lower (std UC) – f. dozer & r. stabilizer up										4900	4400	3550	
	Lower (std UC) – f. dozer & r. stabilizer down										*5700	*5700	5450	
	Lower (std UC) – 2 sets stabilizers up										4900	4500	3550	
	Lower (std UC) – 2 sets stabilizers down										*5700	*5700	*5700	
10 500 mm	MH – stabilizers up – solid tires										3400	3400	2550	8910
	MH – stabilizers down – solid tires										*4950	*4950	*4950	
	Lower (std UC) – f. stabilizer & r. dozer up										3300	3150	2400	
	Lower (std UC) – f. stabilizer & r. dozer down										*4950	*4950	3700	
	Lower (std UC) – f. dozer & r. stabilizer up										3400	3050	2400	
	Lower (std UC) – f. dozer & r. stabilizer down										*4950	*4950	3750	
	Lower (std UC) – 2 sets stabilizers up										3400	3150	2450	
	Lower (std UC) – 2 sets stabilizers down										*4950	*4950	4450	
9000 mm	MH – stabilizers up – solid tires	3450	3450	2600							2700	2700	2000	10 180
	MH – stabilizers down – solid tires	6500	6500	5300							*4550	*4550	4250	
	Lower (std UC) – f. stabilizer & r. dozer up	3350	3200	2450							2600	2500	1900	
	Lower (std UC) – f. stabilizer & r. dozer down	6150	6050	3700							*4550	*4550	2950	
	Lower (std UC) – f. dozer & r. stabilizer up	3450	3050	2450							2700	2400	1900	
	Lower (std UC) – f. dozer & r. stabilizer down	*6700	5350	3800							*4550	4250	3000	
	Lower (std UC) – 2 sets stabilizers up	3450	3150	2500							2700	2500	1900	
	Lower (std UC) – 2 sets stabilizers down	6300	5500	4500							*4550	4400	3550	
7500 mm	MH – stabilizers up – solid tires	3450	3450	2600	2600	2600	1900				2300	2300	1700	11 110
	MH – stabilizers down – solid tires	6500	6500	5300	5000	5000	4050				*4350	*4350	3650	
	Lower (std UC) – f. stabilizer & r. dozer up	3350	3200	2450	2500	2400	1800				2200	2150	1600	
	Lower (std UC) – f. stabilizer & r. dozer down	6150	6050	3750	4700	4650	2800				4250	4200	2500	
	Lower (std UC) – f. dozer & r. stabilizer up	3450	3100	2450	2600	2300	1800				2300	2050	1600	
	Lower (std UC) – f. dozer & r. stabilizer down	*6650	5350	3800	5250	4100	2900				*4350	3650	2600	
	Lower (std UC) – 2 sets stabilizers up	3450	3200	2500	2600	2400	1850				2300	2100	1600	
	Lower (std UC) – 2 sets stabilizers down	6300	5500	4500	4800	4200	3400				4350	3800	3050	
6000 mm	MH – stabilizers up – solid tires	3350	3350	2550	2550	2550	1900				2050	2050	1500	11 760
	MH – stabilizers down – solid tires	6400	6400	5250	4950	4950	4050				4100	4100	3300	
	Lower (std UC) – f. stabilizer & r. dozer up	3300	3150	2400	2500	2400	1800				2000	1900	1400	
	Lower (std UC) – f. stabilizer & r. dozer down	6100	5950	3650	4650	4600	2800				3800	3800	2250	
	Lower (std UC) – f. dozer & r. stabilizer up	3400	3000	2400	2600	2300	1800				2050	1800	1400	
	Lower (std UC) – f. dozer & r. stabilizer down	*6750	5250	3750	5200	4050	2850				4300	3300	2300	
	Lower (std UC) – 2 sets stabilizers up	3350	3100	2450	2550	2350	1800				2050	1900	1400	
	Lower (std UC) – 2 sets stabilizers down	6250	5400	4400	4800	4200	3400				3950	3400	2750	
4500 mm	MH – stabilizers up – solid tires	3250	3250	2450	2500	2500	1850	1950	1950	1400	1900	1900	1350	12 200
	MH – stabilizers down – solid tires	6300	6300	5100	4900	4900	4000	3950	3950	3200	3800	3800	3100	
	Lower (std UC) – f. stabilizer & r. dozer up	3150	3050	2300	2400	2300	1750	1900	1800	1300	1850	1750	1250	
	Lower (std UC) – f. stabilizer & r. dozer down	5950	5850	3550	4600	4550	2750	3700	3650	2150	3550	3550	2100	
	Lower (std UC) – f. dozer & r. stabilizer up	3300	2900	2300	2500	2200	1750	1950	1700	1300	1900	1650	1250	
	Lower (std UC) – f. dozer & r. stabilizer down	6650	5150	3650	5150	4000	2800	4100	3200	2200	4000	3100	2150	
	Lower (std UC) – 2 sets stabilizers up	3250	3000	2350	2500	2300	1750	1950	1800	1350	1900	1750	1300	
	Lower (std UC) – 2 sets stabilizers down	6100	5300	4300	4750	4100	3350	3800	3300	2650	3700	3200	2550	
3000 mm	MH – stabilizers up – solid tires	3100	3100	2300	2450	2450	1750	1950	1950	1350	1800	1800	1250	12 430
	MH – stabilizers down – solid tires	6150	6150	4950	4800	4800	3900	3900	3150	3650	3650	3650	2950	
	Lower (std UC) – f. stabilizer & r. dozer up	3050	2900	2150	2350	2250	1650	1850	1750	1250	1750	1650	1200	
	Lower (std UC) – f. stabilizer & r. dozer down	5800	5700	3400	4500	4450	2650	3650	3600	2100	3450	3400	2000	
	Lower (std UC) – f. dozer & r. stabilizer up	3150	2750	2150	2450	2150	1650	1950	1700	1250	1800	1600	1200	
	Lower (std UC) – f. dozer & r. stabilizer down	6500	5000	3500	5050	3900	2700	4100	3150	2150	3850	2950	2050	
	Lower (std UC) – 2 sets stabilizers up	3100	2850	2200	2400	2200	1700	1900	1750	1300	1800	1650	1200	
	Lower (std UC) – 2 sets stabilizers down	5950	5150	4150	4650	4050	3250	3750	3250	2600	3550	3050	2450	
1500 mm	MH – stabilizers up – solid tires	2950	2950	2150	2350	2350	1650	1900	1900	1300	1750	1750	1250	12 480
	MH – stabilizers down – solid tires	5950	5950	4800	4700	4700	3800	3850	3850	3100	3600	3600	2900	
	Lower (std UC) – f. stabilizer & r. dozer up	2900	2750	2050	2250	2150	1550	1800	1750	1250	1700	1600	1150	
	Lower (std UC) – f. stabilizer & r. dozer down	5600	5500	3250	4400	4350	2550	3600	3550	2050	3400	3350	1950	
	Lower (std UC) – f. dozer & r. stabilizer up	3000	2650	2050	2350	2050	1550	1900	1650	1250	1750	1550	1150	
	Lower (std UC) – f. dozer & r. stabilizer down	6300	4850	3350	4950	3800	2650	4050	3100	2100	3800	2900	2000	
	Lower (std UC) – 2 sets stabilizers up	2950	2700	2050	2350	2150	1600	1900	1700	1250	1750	1600	1150	
	Lower (std UC) – 2 sets stabilizers down	5800	5000	4000	4550	3950	3150	3700	3200	2550	3500	3000	2400	
0 mm	MH – stabilizers up – solid tires	2850	2850	2000	2250	2250	1600	1850	1850	1300				
	MH – stabilizers down – solid tires	5800	5800	4650	4600	4600	3700	3800	3800	3050				
	Lower (std UC) – f. stabilizer & r. dozer up	2750	2600	1900	2150	2050	1500	1750	1700	1200				
	Lower (std UC) – f. stabilizer & r. dozer down	5450	5350	3100	4350	4250	2500	3550	3500	2050				
	Lower (std UC) – f. dozer & r. stabilizer up	2850	2500	1900	2250	2000	1500	1850	1600	1200				
	Lower (std UC) – f. dozer & r. stabilizer down	6150	4700	3200	4850	3750	2550	4000	3050	2100				
	Lower (std UC) – 2 sets stabilizers up	2850	2600	1950	2250	2050	1500	1850	1700	1200				
	Lower (std UC) – 2 sets stabilizers down	5600	4850	3850	4450	3850	3100	3650	3150	2550				

*Limited by hydraulic rather than tipping load.

(continued on next page)

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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)















All values are in kg, hydraulic cab riser, work tool: none, with counterweight (4100 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 or Standard

Boom 6.8 m MH

Stick 5.9 m MH

	Undercarriage configuration	9000 mm			10 500 mm			12 000 mm						
														mm
-1500 mm	MH – stabilizers up – solid tires	2750	2750	1950	2200	2200	1550							
	MH – stabilizers down – solid tires	5700	5700	4550	4550	4550	3650							
	Lower (std UC) – f. stabilizer & r. dozer up	2650	2500	1800	2100	2000	1450							
	Lower (std UC) – f. stabilizer & r. dozer down	5350	5250	3000	4250	4200	2450							
	Lower (std UC) – f. dozer & r. stabilizer up	2750	2400	1800	2200	1900	1450							
	Lower (std UC) – f. dozer & r. stabilizer down	6050	4550	3100	*4750	3650	2500							
	Lower (std UC) – 2 sets stabilizers up	2750	2500	1850	2200	2000	1450							
	Lower (std UC) – 2 sets stabilizers down	5500	4700	3750	4400	3800	3000							

*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.

MH3024 Wheeled Material Handler Lift Charts

Lift Capacities

All values are in kg, hydraulic cab riser, work tool: none, with counterweight (5200 kg), heavy lift on.



Undercarriage MH or Standard

Boom 6.8 m MH

Stick 5.9 m MH

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Stick			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	
12 000 mm	MH – stabilizers up – solid tires							7200	7200	5550				5400	5400	4150	7090
	MH – stabilizers down – solid tires							*7450	*7450	*7450				*5700	*5700	*5700	
	Lower (std UC) – f. stabilizer & r. dozer up							7100	6750	5350				5350	5050	4000	
	Lower (std UC) – f. stabilizer & r. dozer down							*7450	*7450	*7450				*5700	*5700	*5700	
	Lower (std UC) – f. dozer & r. stabilizer up							7300	6550	5350				5500	4900	4000	
	Lower (std UC) – f. dozer & r. stabilizer down							*7450	*7450	*7450				*5700	*5700	*5700	
	Lower (std UC) – 2 sets stabilizers up							7250	6700	5400				5450	5050	4050	
Lower (std UC) – 2 sets stabilizers down							*7450	*7450	*7450				*5700	*5700	*5700		
10 500 mm	MH – stabilizers up – solid tires												5150	5150	4000	8910	
	MH – stabilizers down – solid tires												*7250	*7250	*7250		
	Lower (std UC) – f. stabilizer & r. dozer up												5050	4850	3850		
	Lower (std UC) – f. stabilizer & r. dozer down												*7250	*7250	5600		
	Lower (std UC) – f. dozer & r. stabilizer up												5200	4700	3850		
	Lower (std UC) – f. dozer & r. stabilizer down												*7250	*7250	5700		
	Lower (std UC) – 2 sets stabilizers up												5200	4800	3900		
Lower (std UC) – 2 sets stabilizers down												*7250	*7250	6700			
9000 mm	MH – stabilizers up – solid tires												5200	5200	4050	10 180	
	MH – stabilizers down – solid tires												*7450	*7450	*7450		
	Lower (std UC) – f. stabilizer & r. dozer up												5150	4900	3900		
	Lower (std UC) – f. stabilizer & r. dozer down												*7450	*7450	5650		
	Lower (std UC) – f. dozer & r. stabilizer up												5300	4750	3900		
	Lower (std UC) – f. dozer & r. stabilizer down												*7450	*7450	5800		
	Lower (std UC) – 2 sets stabilizers up												5250	4900	3950		
Lower (std UC) – 2 sets stabilizers down												*7450	*7450	6750			
7500 mm	MH – stabilizers up – solid tires												5200	5200	4050	11 110	
	MH – stabilizers down – solid tires												*7500	*7500	*7500		
	Lower (std UC) – f. stabilizer & r. dozer up												5100	4850	3900		
	Lower (std UC) – f. stabilizer & r. dozer down												*7500	*7500	5650		
	Lower (std UC) – f. dozer & r. stabilizer up												5250	4750	3900		
	Lower (std UC) – f. dozer & r. stabilizer down												*7500	*7500	5750		
	Lower (std UC) – 2 sets stabilizers up												5250	4850	3900		
Lower (std UC) – 2 sets stabilizers down												*7500	*7500	6750			
6000 mm	MH – stabilizers up – solid tires												5100	5100	3950	11 760	
	MH – stabilizers down – solid tires												*7700	*7700	*7700		
	Lower (std UC) – f. stabilizer & r. dozer up												5000	4750	3800		
	Lower (std UC) – f. stabilizer & r. dozer down												*7700	*7700	5550		
	Lower (std UC) – f. dozer & r. stabilizer up												5150	4600	3800		
	Lower (std UC) – f. dozer & r. stabilizer down												*7700	*7700	5650		
	Lower (std UC) – 2 sets stabilizers up												5150	4750	3800		
Lower (std UC) – 2 sets stabilizers down												*7700	*7700	6600			
4500 mm	MH – stabilizers up – solid tires							6950	6950	5350			4900	4900	3750	12 200	
	MH – stabilizers down – solid tires							*9500	*9500	*9500			*8000	*8000	7550		
	Lower (std UC) – f. stabilizer & r. dozer up							6900	6500	5150			4800	4600	3600		
	Lower (std UC) – f. stabilizer & r. dozer down							*9500	*9500	7600			*8000	*8000	5350		
	Lower (std UC) – f. dozer & r. stabilizer up							7100	6350	5150			4950	4450	3600		
	Lower (std UC) – f. dozer & r. stabilizer down							*9500	*9500	7800			*8000	*8000	7650		
	Lower (std UC) – 2 sets stabilizers up							7050	6500	5200			4950	4550	3650		
Lower (std UC) – 2 sets stabilizers down							*9500	*9500	9250			*8000	*8000	7850			
3000 mm	MH – stabilizers up – solid tires				10 250	10 250	7600	6550	6550	4950			4700	4700	3550	12 430	
	MH – stabilizers down – solid tires				*13 350	*13 350	*13 350	*13 350	*10 250	*10 250			*8350	*8350	7300		
	Lower (std UC) – f. stabilizer & r. dozer up				10 200	9500	7350	6450	6100	4750			4600	4350	3400		
	Lower (std UC) – f. stabilizer & r. dozer down				*13 350	*13 350	11 400	*10 250	*10 250	7200			*8350	*8350	5100		
	Lower (std UC) – f. dozer & r. stabilizer up				10 500	9250	7350	6650	5900	4750			4750	4200	3400		
	Lower (std UC) – f. dozer & r. stabilizer down				*13 350	*13 350	11 800	*10 250	*10 250	7400			*8350	*8350	7400		
	Lower (std UC) – 2 sets stabilizers up				10 450	9450	7400	6650	6100	4800			4700	4350	3450		
Lower (std UC) – 2 sets stabilizers down				*13 350	*13 350	*13 350	*10 250	*10 250	8750			*8350	*8350	7600			
1500 mm	MH – stabilizers up – solid tires				9300	9300	6750	6100	6100	4550			4450	4450	3300	12 480	
	MH – stabilizers down – solid tires				*14 600	*14 600	*14 600	*10 750	*10 750	9900			*8500	*8500	7000		
	Lower (std UC) – f. stabilizer & r. dozer up				9250	8600	6500	6000	5650	4350			4350	4100	3150		
	Lower (std UC) – f. stabilizer & r. dozer down				*14 600	*14 600	10 400	*10 750	*10 750	6750			8300	8100	4850		
	Lower (std UC) – f. dozer & r. stabilizer up				9550	8300	6500	6200	5450	4350			4500	3950	3150		
	Lower (std UC) – f. dozer & r. stabilizer down				*14 600	*14 600	10 800	*10 750	10 150	6900			*8500	*8500	7100		
	Lower (std UC) – 2 sets stabilizers up				9500	8550	6550	6150	5650	4400			4450	4100	3200		
Lower (std UC) – 2 sets stabilizers down				*14 600	*14 600	13 200	*10 750	10 400	8250			8500	7300	5900			
0 mm	MH – stabilizers up – solid tires	*4050	*4050	*4050	8600	8600	6100	5700	5700	4150			4200	4200	3100		
	MH – stabilizers down – solid tires	*4050	*4050	*4050	*14 600	*14 600	*14 600	*10 750	*10 750	9450			*8400	*8400	6750		
	Lower (std UC) – f. stabilizer & r. dozer up	*4050	*4050	*4050	8500	7850	5800	5600	5300	3950			4100	3900	2950		
	Lower (std UC) – f. stabilizer & r. dozer down	*4050	*4050	*4050	*14 600	*14 600	9650	*10 750	*10 750	6350			8050	7850	4600		
	Lower (std UC) – f. dozer & r. stabilizer up	*4050	*4050	*4050	8800	7600	5800	5800	5100	3950			4250	3750	2950		
	Lower (std UC) – f. dozer & r. stabilizer down	*4050	*4050	*4050	*14 600	*14 600	10 000	*10 750	9650	6500			*8400	*8400	4750		
	Lower (std UC) – 2 sets stabilizers up	*4050	*4050	*4050	8750	7850	5900	5800	5250	4000			4200	3850	2950		
Lower (std UC) – 2 sets stabilizers down	*4050	*4050	*4050	*14 600	*14 600	12 350	*10 750	9950	7850			8250	7050	5650			

*Limited by hydraulic rather than tipping load.

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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.


MH3024 Wheeled Material Handler Lift Charts


Lift Capacities (continued)


All values are in kg, hydraulic cab riser, work tool: none, with counterweight (5200 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 or Standard

Boom
6.8 m MH

Stick
5.9 m MH

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
																	
-1500 mm	MH – stabilizers up – solid tires				8200	8200	5750	5450	5450	3950	4050	4050	2950				
	MH – stabilizers down – solid tires				*10 400	*10 400	*10 400	*9950	*9950	9150	*7750	*7750	6550				
	Lower (std UC) – f. stabilizer & r. dozer up				8100	7500	5450	5350	5050	3750	3950	3750	2800				
	Lower (std UC) – f. stabilizer & r. dozer down				*10 400	*10 400	9250	*9950	*9950	6050	*7750	7650	4450				
	Lower (std UC) – f. dozer & r. stabilizer up				8400	7200	5450	5550	4850	3750	4100	3600	2800				
	Lower (std UC) – f. dozer & r. stabilizer down				*10 400	*10 400	9550	*9950	9350	6250	*7750	6650	4550				
	Lower (std UC) – 2 sets stabilizers up				8350	7450	5500	5500	5000	3800	4050	3700	2800				
Lower (std UC) – 2 sets stabilizers down				*10 400	*10 400	*10 400	*9950	9650	7550	*7750	6850	5500					

*Limited by hydraulic rather than tipping load.

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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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MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


All values are in kg, hydraulic cab riser, work tool: none, with counterweight (5200 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 or Standard

Boom
6.8 m MH

Stick
5.9 m MH

	Undercarriage configuration	9000 mm			10 500 mm			12 000 mm						mm
														
12 000 mm	MH – stabilizers up – solid tires										5400	5400	4150	7090
	MH – stabilizers down – solid tires										*5700	*5700	*5700	
	Lower (std UC) – f. stabilizer & r. dozer up										5350	5050	4000	
	Lower (std UC) – f. stabilizer & r. dozer down										*5700	*5700	*5700	
	Lower (std UC) – f. dozer & r. stabilizer up										5500	4900	4000	
	Lower (std UC) – f. dozer & r. stabilizer down										*5700	*5700	*5700	
	Lower (std UC) – 2 sets stabilizers up										5450	5050	4050	
	Lower (std UC) – 2 sets stabilizers down										*5700	*5700	*5700	
10 500 mm	MH – stabilizers up – solid tires										3800	3800	2900	8910
	MH – stabilizers down – solid tires										*4950	*4950	*4950	
	Lower (std UC) – f. stabilizer & r. dozer up										3700	3550	2800	
	Lower (std UC) – f. stabilizer & r. dozer down										*4950	*4950	4150	
	Lower (std UC) – f. dozer & r. stabilizer up										3850	3450	2800	
	Lower (std UC) – f. dozer & r. stabilizer down										*4950	*4950	4250	
	Lower (std UC) – 2 sets stabilizers up										3800	3550	2800	
	Lower (std UC) – 2 sets stabilizers down										*4950	*4950	*4950	
9000 mm	MH – stabilizers up – solid tires	3850	3850	2950							3050	3050	2300	10 180
	MH – stabilizers down – solid tires	*6700	*6700	5800							*4550	*4550	*4550	
	Lower (std UC) – f. stabilizer & r. dozer up	3750	3600	2850							3000	2850	2200	
	Lower (std UC) – f. stabilizer & r. dozer down	*6700	6600	4150							*4550	*4550	3300	
	Lower (std UC) – f. dozer & r. stabilizer up	3900	3500	2850							3100	2750	2200	
	Lower (std UC) – f. dozer & r. stabilizer down	*6700	5900	4250							*4550	*4550	3400	
	Lower (std UC) – 2 sets stabilizers up	3850	3600	2850							3050	2850	2250	
	Lower (std UC) – 2 sets stabilizers down	*6700	6050	4950							*4550	*4550	4000	
7500 mm	MH – stabilizers up – solid tires	3850	3850	2950	2950	2950	2200				2650	2650	1950	11 110
	MH – stabilizers down – solid tires	*6650	*6650	5800	5450	5450	4500				*4350	*4350	4050	
	Lower (std UC) – f. stabilizer & r. dozer up	3750	3600	2850	2850	2750	2100				2550	2450	1850	
	Lower (std UC) – f. stabilizer & r. dozer down	*6650	6600	4150	5200	5100	3200				*4350	*4350	2850	
	Lower (std UC) – f. dozer & r. stabilizer up	3900	3500	2850	2950	2650	2100				2650	2350	1850	
	Lower (std UC) – f. dozer & r. stabilizer down	*6650	5900	4250	5750	4550	3250				*4350	4100	2950	
	Lower (std UC) – 2 sets stabilizers up	3850	3600	2850	2950	2700	2150				2650	2450	1900	
	Lower (std UC) – 2 sets stabilizers down	*6650	6050	5000	5300	4650	3800				*4350	4200	3450	
6000 mm	MH – stabilizers up – solid tires	3800	3800	2900	2900	2900	2200				2350	2350	1750	11 760
	MH – stabilizers down – solid tires	*6750	*6750	5750	5450	5450	4450				*4300	*4300	3700	
	Lower (std UC) – f. stabilizer & r. dozer up	3700	3550	2800	2850	2700	2100				2300	2200	1650	
	Lower (std UC) – f. stabilizer & r. dozer down	6700	6550	4100	5150	5100	3150				4250	4200	2600	
	Lower (std UC) – f. dozer & r. stabilizer up	3800	3400	2800	2950	2600	2100				2400	2100	1650	
	Lower (std UC) – f. dozer & r. stabilizer down	*6750	5800	4200	5750	4500	3250				*4300	3700	2650	
	Lower (std UC) – 2 sets stabilizers up	3800	3500	2800	2900	2700	2100				2350	2200	1700	
	Lower (std UC) – 2 sets stabilizers down	*6750	5950	4900	5300	4650	3800				*4300	3800	3100	
4500 mm	MH – stabilizers up – solid tires	3700	3700	2800	2850	2850	2150	2250	2250	1650	2200	2200	1600	12 200
	MH – stabilizers down – solid tires	*6850	*6850	5650	5400	5400	4400	4350	4350	3550	4200	4200	3450	
	Lower (std UC) – f. stabilizer & r. dozer up	3600	3450	2650	2800	2650	2050	2200	2100	1600	2150	2050	1500	
	Lower (std UC) – f. stabilizer & r. dozer down	6550	6450	4000	5100	5000	3100	4100	4050	2450	4000	3950	2400	
	Lower (std UC) – f. dozer & r. stabilizer up	3700	3300	2650	2900	2550	2050	2300	2000	1600	2200	1950	1500	
	Lower (std UC) – f. dozer & r. stabilizer down	*6850	5700	4100	5650	4450	3200	4550	3550	2550	*4300	3450	2450	
	Lower (std UC) – 2 sets stabilizers up	3700	3400	2700	2850	2650	2050	2250	2100	1600	2200	2000	1550	
	Lower (std UC) – 2 sets stabilizers down	6700	5850	4800	5250	4550	3750	4200	3650	3000	4100	3550	2900	
3000 mm	MH – stabilizers up – solid tires	3550	3550	2650	2800	2800	2050	2250	2250	1650	2100	2100	1500	12 430
	MH – stabilizers down – solid tires	6750	6750	5500	5300	5300	4300	4300	4300	3500	4050	4050	3300	
	Lower (std UC) – f. stabilizer & r. dozer up	3450	3300	2550	2700	2600	1950	2150	2050	1550	2050	1950	1450	
	Lower (std UC) – f. stabilizer & r. dozer down	6400	6250	3850	5000	4950	3050	4050	4000	2450	3850	3800	2300	
	Lower (std UC) – f. dozer & r. stabilizer up	3550	3200	2550	2800	2500	1950	2250	2000	1550	2100	1850	1450	
	Lower (std UC) – f. dozer & r. stabilizer down	*7000	5550	3950	5600	4350	3100	4500	3550	2500	4250	3350	2350	
	Lower (std UC) – 2 sets stabilizers up	3550	3300	2550	2800	2550	2000	2250	2050	1550	2100	1900	1450	
	Lower (std UC) – 2 sets stabilizers down	6550	5700	4650	5150	4500	3650	4150	3650	2950	3950	3450	2800	
1500 mm	MH – stabilizers up – solid tires	3400	3400	2500	2700	2700	2000	2200	2200	1600	2050	2050	1500	12 480
	MH – stabilizers down – solid tires	6550	6550	5350	5200	5200	4250	4250	4250	3450	4000	4000	3250	
	Lower (std UC) – f. stabilizer & r. dozer up	3300	3150	2400	2600	2500	1900	2100	2000	1500	2000	1900	1400	
	Lower (std UC) – f. stabilizer & r. dozer down	6250	6100	3700	4900	4850	2950	4000	3950	2400	3800	3750	2250	
	Lower (std UC) – f. dozer & r. stabilizer up	3400	3050	2400	2700	2400	1900	2200	1950	1500	2050	1800	1400	
	Lower (std UC) – f. dozer & r. stabilizer down	6950	5400	3800	5500	4250	3000	4450	3500	2450	*4000	3300	2300	
	Lower (std UC) – 2 sets stabilizers up	3400	3150	2450	2700	2500	1900	2200	2000	1500	2050	1900	1400	
	Lower (std UC) – 2 sets stabilizers down	6400	5550	4500	5050	4400	3550	4100	3600	2900	3900	3400	2750	
0 mm	MH – stabilizers up – solid tires	3250	3250	2400	2600	2600	1900	2150	2150	1550				
	MH – stabilizers down – solid tires	6400	6400	5200	5100	5100	4150	*4000	*4000	3400				
	Lower (std UC) – f. stabilizer & r. dozer up	3150	3000	2250	2550	2400	1800	2100	2000	1450				
	Lower (std UC) – f. stabilizer & r. dozer down	6050	5950	3550	4800	4750	2850	3950	3900	2350				
	Lower (std UC) – f. dozer & r. stabilizer up	3300	2900	2250	2650	2300	1800	2150	1900	1450				
	Lower (std UC) – f. dozer & r. stabilizer down	*6750	5250	3650	5400	4150	2950	*4000	3450	2400				
	Lower (std UC) – 2 sets stabilizers up	3250	3000	2300	2600	2400	1850	2150	1950	1500				
	Lower (std UC) – 2 sets stabilizers down	6250	5400	4350	4950	4300	3500	*4000	3550	2850				

*Limited by hydraulic rather than tipping load.

(continued on next page)


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.


MH3024 Wheeled Material Handler Lift Charts

Lift Capacities (continued)


All values are in kg, hydraulic cab riser, work tool: none, with counterweight (5200 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 or Standard

Boom
6.8 m MH

Stick
5.9 m MH

	Undercarriage configuration	9000 mm			10 500 mm			12 000 mm						
														mm
-1500 mm	MH – stabilizers up – solid tires	3150	3150	2300	2550	2550	1850							
	MH – stabilizers down – solid tires	*6150	*6150	5050	*4750	*4750	4100							
	Lower (std UC) – f. stabilizer & r. dozer up	3050	2900	2150	2450	2350	1750							
	Lower (std UC) – f. stabilizer & r. dozer down	5950	5850	3450	*4750	4700	2800							
	Lower (std UC) – f. dozer & r. stabilizer up	3200	2800	2150	2550	2250	1750							
	Lower (std UC) – f. dozer & r. stabilizer down	*6150	5100	3550	*4750	4100	2850							
	Lower (std UC) – 2 sets stabilizers up	3150	2900	2200	2550	2350	1750							
	Lower (std UC) – 2 sets stabilizers down	6100	5250	4250	*4750	4250	3400							

*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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