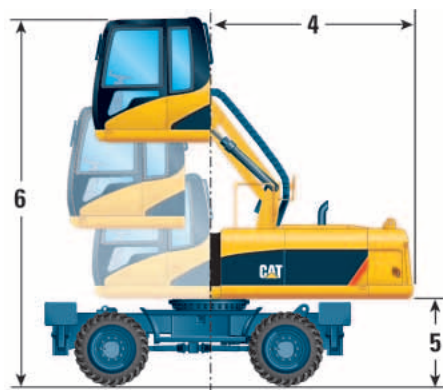
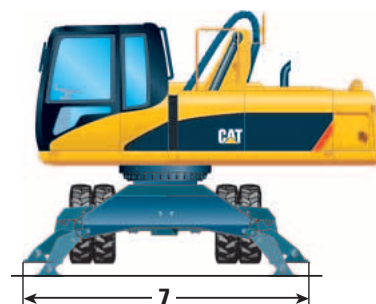
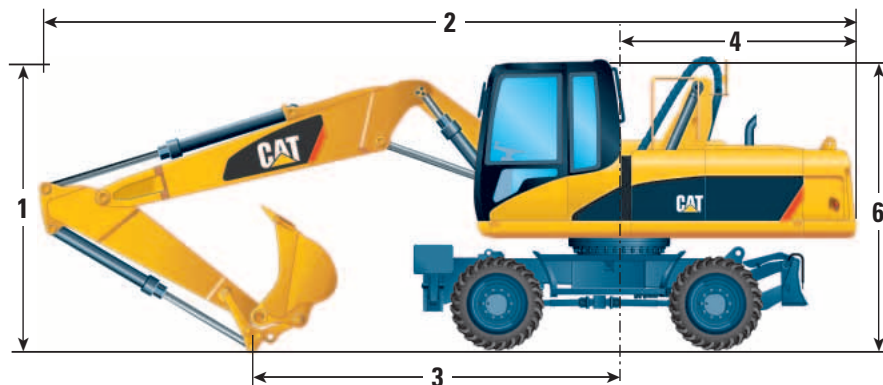


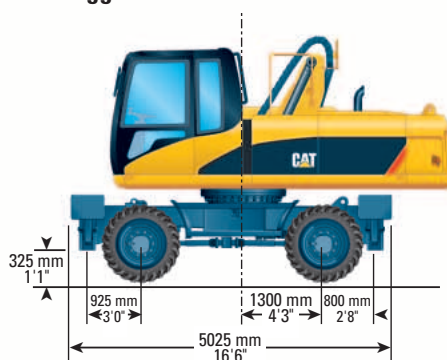
M322D Material Handler

Dimensions with Standard Undercarriage

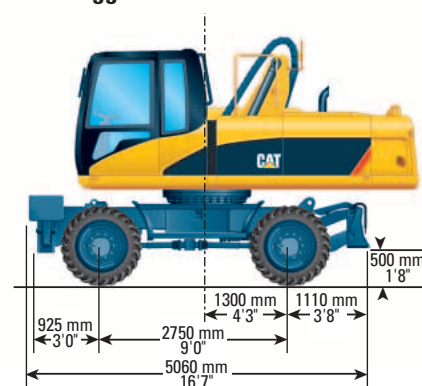
All dimensions are approximate.



Undercarriage with 2 sets of outriggers



Undercarriage with 1 set of outriggers and dozer

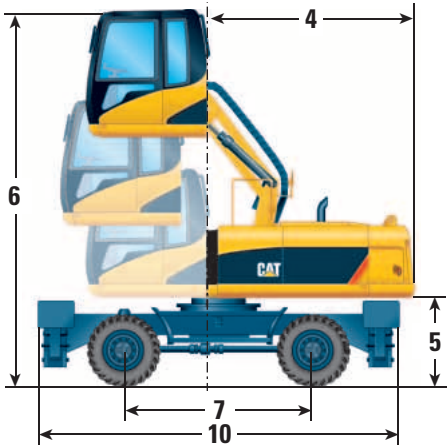
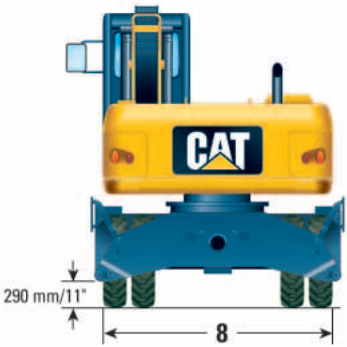
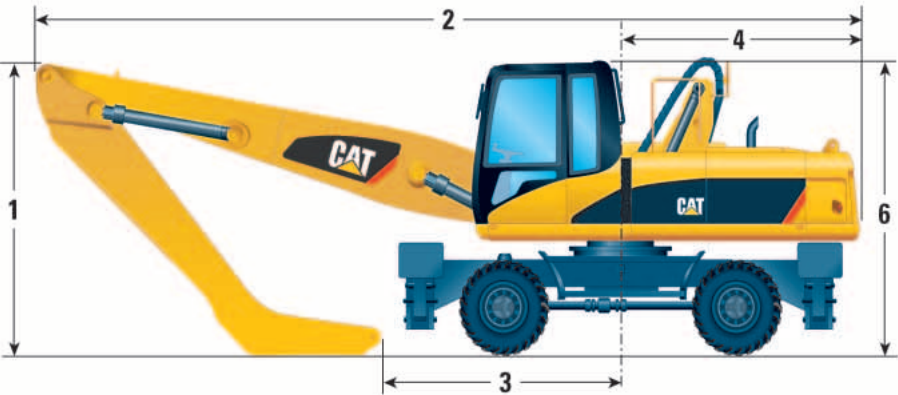


	M322D MH VA boom		M322D MH One-piece boom	
	mm	ft/in	mm	ft/in
1 Shipping height				
2.2 m (7'3") Stick	3350	11'0"	3350	11'0"
2.5 m (8'2") Stick	3350	11'0"	3350	11'0"
2.9 m (9'6") Stick	3350	11'0"	3350	11'0"
2 Shipping length				
2.2 m (7'3") Stick	9550	31'4"	9720	31'11"
2.5 m (8'2") Stick	9550	31'4"	9720	31'11"
2.9 m (9'6") Stick	9540	31'4"	9720	31'11"
3 Support point				
2.2 m (7'3") Stick	4380	14'4"	4270	14'0"
2.5 m (8'2") Stick	3830	12'7"	3810	12'6"
2.9 m (9'6") Stick	3530	11'7"	3440	11'3"
4 Tail swing radius	2820	9'3"	2820	9'3"
5 Counterweight clearance	1310	4'4"	1310	4'4"
6 Cab height				
with hydraulic cab riser (lowered)	3240	10'8"	3240	10'8"
with hydraulic cab riser (raised)	5640	18'6"	5640	18'6"
with 1200 mm (3'11") fixed cab riser	4440	14'7"	4440	14'7"
7 Stabilizer width on ground	3960	13'0"	3960	13'0"

M322D Material Handler

Dimensions with MH Undercarriage

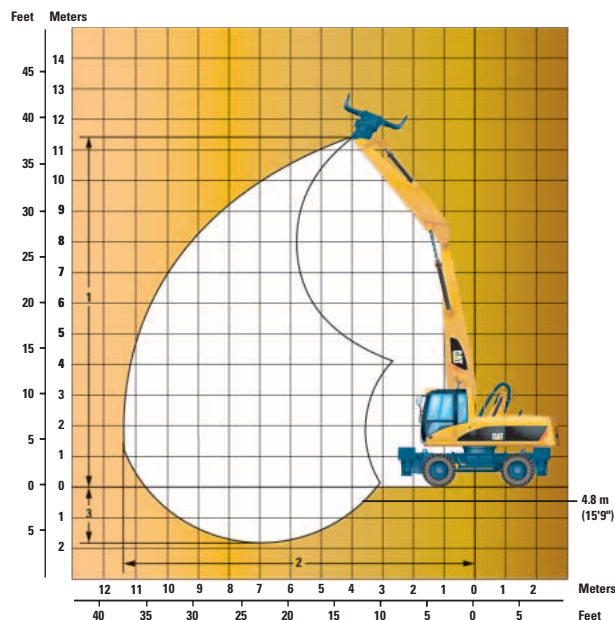
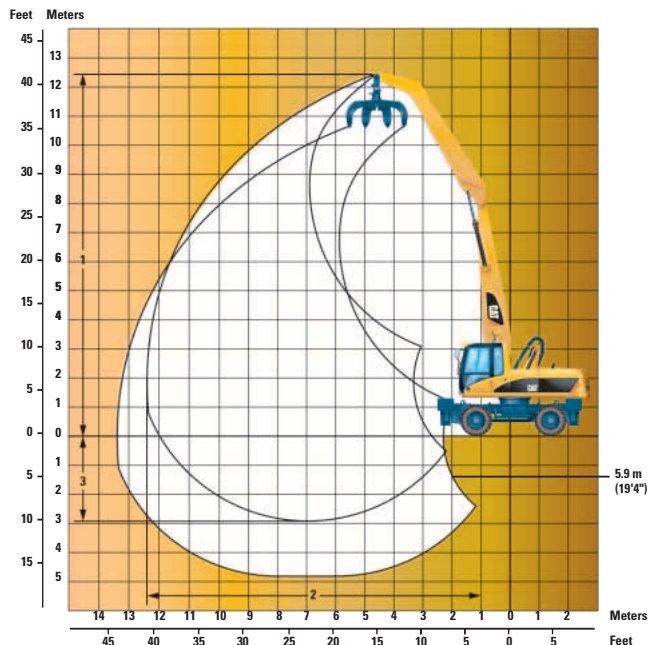
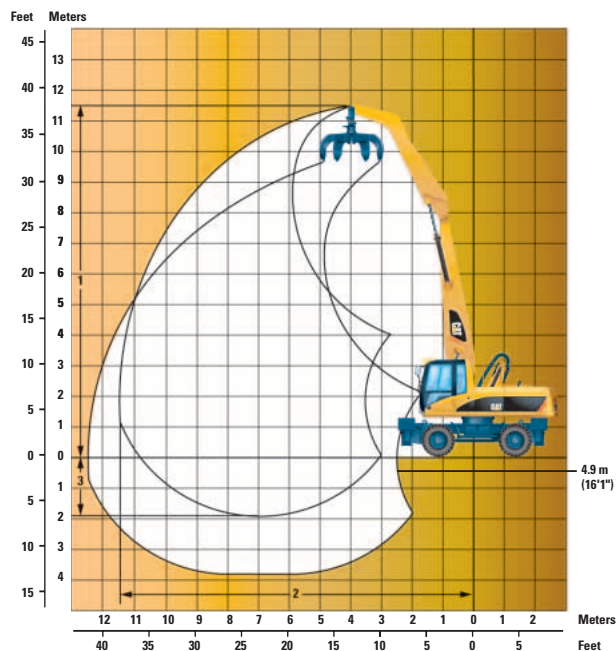
All dimensions are approximate.



M322D MH MH boom		mm	ft/in
1 Shipping height	4.8 m (15'9") straight stick	3410	11'2"
	4.9 m (16'1") drop nose	3410	11'2"
	5.9 m (19'4") drop nose	5100	16'8"
	5.9 m (19'4") drop nose removed	3350	11'0"
2 Shipping length	4.8 m (15'9") straight stick	9870	32'5"
	4.9 m (16'1") drop nose	9870	32'5"
	5.9 m (19'4") drop nose	15 130	49'8"
	5.9 m (19'4") drop nose removed	9930	32'7"
3 Support point	4.8 m (15'9") straight stick	3250	10'8"
	4.9 m (16'1") drop nose	3250	10'8"
	5.9 m (19'4") drop nose	15 010	49'3"
4 Tail swing radius		2820	9'3"
5 Counterweight clearance		1310	4'4"
6 Cab height			
	with hydraulic cab riser (lowered)	3240	10'8"
	with hydraulic cab riser (raised)	5640	18'6"
	with 1200 mm (3'11") fixed cab riser	4440	14'7"
7 Wheel base		2750	9'0"
8 Undercarriage width		2990	9'10"
9 Stabilizer width on ground		4360	14'4"
10 Undercarriage length		5250	17'3"

M322D Material Handler

Working Ranges – M322D MH



Undercarriage	Material Handling	Material Handling	Material Handling
Boom Length	6.8 m (22'4")	6.8 m (22'4")	6.8 m (22'4")
Stick Length	MH drop nose 4.9 m (16'1")	MH drop nose 5.9 m (19'4")	MH straight stick 4.8 m (15'9")
Maximum Height	12 500 mm (41'0")	13 300 mm (43'8")	12 430 mm (40'10")
Minimum Dump Height	4030 mm (13'3")	3090 mm (10'2")	4120 mm (13'6")
1 Maximum Reach	11 530 mm (37'10")	12 480 mm (41'0")	11 430 mm (37'6")
2 Maximum Reach at Ground Level	10 850 mm (35'7")	12 050 mm (39'7")	11 280 mm (36'0")
3 Maximum Depth	1920 mm (6'4")	2920 mm (9'7")	1820 mm (6'0")

M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1") Drop Nose

English Units/all weights are in lb

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft				
35.0 ft	2 sets of stabilizers raised	lb			15,322	11,795	10,582	8,157							
	2 sets of stabilizers lowered	lb			*20,283	*20,283	*13,999	*13,999							
30.0 ft	2 sets of stabilizers raised	lb			15,432	12,015	10,803	8,378							
	2 sets of stabilizers lowered	lb			*20,503	*20,503	*17,857	16,535							
25.0 ft	2 sets of stabilizers raised	lb			15,432	11,905	10,803	8,378	8,047	6,173			6,724	5,071	32'10"
	2 sets of stabilizers lowered	lb			*20,723	*20,723	*17,857	16,535	14,991	12,236			*12,015	10,251	
20.0 ft	2 sets of stabilizers raised	lb			14,991	11,574	10,692	8,157	8,047	6,173	6,173	4,740	5,952	4,519	35'3"
	2 sets of stabilizers lowered	lb			*21,495	*21,495	*18,188	16,314	14,881	12,236	11,574	9,480	11,133	9,149	
15.0 ft	2 sets of stabilizers raised	lb	22,597	16,865	14,440	11,023	10,251	7,937	7,826	5,952	6,173	4,630	5,512	4,079	36'10"
	2 sets of stabilizers lowered	lb	*29,101	*29,101	*22,708	*22,708	*18,739	15,873	14,661	12,015	11,464	9,480	10,362	8,488	
10.0 ft	2 sets of stabilizers raised	lb	20,834	15,432	13,669	10,251	9,921	7,496	7,606	5,732	6,063	4,519	5,291	3,858	37'8"
	2 sets of stabilizers lowered	lb	*32,077	*32,077	*24,030	21,826	19,070	15,432	14,330	11,685	11,354	9,370	9,921	8,157	
5.0 ft	2 sets of stabilizers raised	lb	19,290	13,889	12,787	9,480	9,480	7,055	7,275	5,512	5,842	4,409	5,181	3,858	37'10"
	2 sets of stabilizers lowered	lb	*33,290	*33,290	*24,471	20,944	18,629	14,991	14,110	11,464	11,244	9,149	9,811	8,047	
Ground	2 sets of stabilizers raised	lb	18,188	13,007	12,236	8,929	9,039	6,724	7,165	5,291	5,732	4,299			
	2 sets of stabilizers lowered	lb	*22,597	*22,597	*23,369	20,283	18,188	14,551	13,889	11,244	*11,133	9,039			
-5.0 ft	2 sets of stabilizers raised	lb			11,905	8,708	8,818	6,504							
	2 sets of stabilizers lowered	lb			*20,283	19,842	*15,984	14,330							

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1") Drop Nose

Metric Units/all weights are in kg

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
10.5 m	2 sets of stabilizers raised	kg			6950	5350	4800	3700							
	2 sets of stabilizers lowered	kg			*9200	*9200	*6350	*6350							
9.0 m	2 sets of stabilizers raised	kg			7000	5450	4900	3800							
	2 sets of stabilizers lowered	kg			*9300	*9300	*8100	7500							
7.5 m	2 sets of stabilizers raised	kg			7000	5400	4900	3800	3650	2800			3050	2300	10.02 m
	2 sets of stabilizers lowered	kg			*9400	*9400	*8100	7500	6800	5550			*5450	4650	
6.0 m	2 sets of stabilizers raised	kg			6800	5250	4850	3700	3650	2800	2800	2150	2700	2050	10.74 m
	2 sets of stabilizers lowered	kg			*9750	*9750	*8250	7400	6750	5550	5250	4300	5050	4150	
4.5 m	2 sets of stabilizers raised	kg	10 250	7650	6550	5000	4650	3600	3550	2700	2800	2100	2500	1850	11.22 m
	2 sets of stabilizers lowered	kg	*13 200	*13 200	*10 300	*10 300	*8500	7200	6650	5450	5200	4300	4700	3850	
3.0 m	2 sets of stabilizers raised	kg	9450	7000	6200	4650	4500	3400	3450	2600	2750	2050	2400	1750	11.47 m
	2 sets of stabilizers lowered	kg	*14 550	*14 550	*10 900	9900	8650	7000	6500	5300	5150	4250	4500	3700	
1.5 m	2 sets of stabilizers raised	kg	8750	6300	5800	4300	4300	3200	3300	2500	2650	2000	2350	1750	11.52 m
	2 sets of stabilizers lowered	kg	*15 100	*15 100	*11 100	9500	8450	6800	6400	5200	5100	4150	4450	3650	
Ground	2 sets of stabilizers raised	kg	8250	5900	5550	4050	4100	3050	3250	2400	2600	1950			
	2 sets of stabilizers lowered	kg	*10 250	*10 250	*10 600	9200	8250	6600	6300	5100	*5050	4100			
-1.5 m	2 sets of stabilizers raised	kg			5400	3950	4000	2950							
	2 sets of stabilizers lowered	kg			*9200	9000	*7250	6500							

* Indicates the load is hydraulically limited.

- Lift capacity ratings are based on ISO 10567 standards.
- Rated loads do not exceed 87% of the hydraulic lifting capacity or 75% of tipping.
- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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

M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1") Drop Nose

English Units/all weights are in lb

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft			
35.0 ft	2 sets of stabilizers lowered	lb			*20,283	19,952	*13,999	13,669						
	Rear dozer raised	lb			15,543	11,023	10,692	7,496						
	Rear dozer lowered	lb			*20,283	12,236	*13,999	8,378						
	Rear stabilizer lowered	lb			*20,283	14,330	*13,999	9,811						
	F. stabilizer & r. dozer lowered	lb			*20,283	17,306	*13,999	11,905						
30.0 ft	2 sets of stabilizers lowered	lb			*20,503	20,172	*17,857	13,999						
	Rear dozer raised	lb			15,763	11,133	11,023	7,826						
	Rear dozer lowered	lb			*20,503	12,456	17,527	8,708						
	Rear stabilizer lowered	lb			*20,503	14,551	15,653	10,141						
	F. stabilizer & r. dozer lowered	lb			*20,503	17,527	*17,857	12,236						
25.0 ft	2 sets of stabilizers lowered	lb			*20,723	20,062	*17,857	13,889	14,330	10,362			12,015	8,598
	Rear dozer raised	lb			15,653	11,133	10,913	7,826	8,157	5,732			6,724	4,630
	Rear dozer lowered	lb			*20,723	12,346	17,527	8,598	12,897	6,393			10,692	5,181
	Rear stabilizer lowered	lb			*20,723	14,440	15,653	10,141	11,464	7,496			9,590	6,173
	F. stabilizer & r. dozer lowered	lb			*20,723	17,417	*17,857	12,236	14,220	9,149			11,905	7,606
20.0 ft	2 sets of stabilizers lowered	lb			*21,495	19,621	*18,188	13,779	14,330	10,251	11,133	8,047	10,692	7,716
	Rear dozer raised	lb			15,322	10,803	10,803	7,606	8,047	5,622	6,283	4,299	5,952	4,079
	Rear dozer lowered	lb			*21,495	12,015	17,306	8,488	12,787	6,283	9,921	4,850	9,590	4,630
	Rear stabilizer lowered	lb			*21,495	14,110	15,432	9,921	11,464	7,385	8,818	5,732	8,488	5,512
	F. stabilizer & r. dozer lowered	lb			*21,495	17,086	*18,188	12,015	14,220	9,039	11,023	7,055	10,582	6,724
15.0 ft	2 sets of stabilizers lowered	lb	*29,101	*29,101	*22,708	18,960	*18,739	13,338	14,110	10,141	11,023	7,937	9,921	7,165
	Rear dozer raised	lb	23,149	15,763	14,661	10,141	10,472	7,275	7,826	5,401	6,173	4,189	5,512	3,748
	Rear dozer lowered	lb	*29,101	17,747	*22,708	11,354	16,976	8,157	12,566	6,063	9,811	4,740	8,818	4,189
	Rear stabilizer lowered	lb	*29,101	21,164	21,716	13,448	14,991	9,590	11,244	7,275	8,818	5,622	7,937	5,071
	F. stabilizer & r. dozer lowered	lb	*29,101	26,125	*22,708	16,424	*18,739	11,685	13,999	8,818	10,913	6,945	9,811	6,283
10.0 ft	2 sets of stabilizers lowered	lb	*32,077	28,881	*24,030	18,078	18,409	12,897	13,779	9,811	10,913	7,826	9,480	6,834
	Rear dozer raised	lb	21,385	14,220	13,889	9,480	10,031	6,834	7,606	5,181	6,063	4,079	5,291	3,527
	Rear dozer lowered	lb	*32,077	16,094	23,810	10,692	16,424	7,716	12,346	5,842	9,700	4,630	8,488	3,968
	Rear stabilizer lowered	lb	*32,077	19,511	20,723	12,677	14,551	9,149	10,913	6,945	8,708	5,512	7,496	4,740
	F. stabilizer & r. dozer lowered	lb	*32,077	24,251	*24,030	15,543	18,188	11,244	13,669	8,598	10,803	6,834	9,480	5,952
5.0 ft	2 sets of stabilizers lowered	lb	*33,290	27,007	*24,471	17,196	17,857	12,456	13,558	9,590	10,692	7,716	9,370	6,724
	Rear dozer raised	lb	19,731	12,677	13,007	8,708	9,590	6,393	7,385	4,960	5,952	3,968	5,181	3,417
	Rear dozer lowered	lb	*33,290	14,551	22,818	9,921	15,873	7,275	12,015	5,622	9,590	4,519	8,378	3,858
	Rear stabilizer lowered	lb	32,518	17,857	19,842	11,905	13,999	8,708	10,692	6,724	8,488	5,401	7,385	4,740
	F. stabilizer & r. dozer lowered	lb	*33,290	22,597	*24,471	14,771	17,747	10,803	13,448	8,378	10,692	6,724	9,259	5,842
Ground	2 sets of stabilizers lowered	lb	*22,597	*22,597	*23,369	16,535	17,417	12,015	13,228	9,370	10,582	7,606		
	Rear dozer raised	lb	18,629	11,795	12,456	8,157	9,149	6,063	7,165	4,740	5,842	3,858		
	Rear dozer lowered	lb	*22,597	13,669	22,046	9,259	15,543	6,945	11,795	5,401	9,480	4,409		
	Rear stabilizer lowered	lb	*22,597	16,865	19,070	11,244	13,558	8,378	10,472	6,504	8,378	5,291		
	F. stabilizer & r. dozer lowered	lb	*22,597	21,495	*23,369	14,110	17,306	10,362	13,118	8,157	10,582	6,614		
-5.0 ft	2 sets of stabilizers lowered	lb			*20,283	16,204	*15,984	11,795						
	Rear dozer raised	lb			12,125	7,826	8,929	5,842						
	Rear dozer lowered	lb			*20,283	9,039	15,212	6,724						
	Rear stabilizer lowered	lb			18,739	10,913	13,338	8,157						
	F. stabilizer & r. dozer lowered	lb			*20,283	13,779	*15,984	10,141						

* Indicates the load is hydraulically limited.

- Lift capacity ratings are based on ISO 10567 standards.
- Rated loads do not exceed 87% of the hydraulic lifting capacity or 75% of tipping.
- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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

M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 4.9 m (16'1") Drop Nose

Metric Units/all weights are in kg

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
10.5 m	2 sets of stabilizers lowered	kg			*9200	9050	*6350	6200							
	Rear dozer raised	kg			7050	5000	4850	3400							
	Rear dozer lowered	kg			*9200	5550	*6350	3800							
	Rear stabilizer lowered	kg			*9200	6500	*6350	4450							
	F. stabilizer & r. dozer lowered	kg			*9200	7850	*6350	5400							
9.0 m	2 sets of stabilizers lowered	kg			*9300	9150	*8100	6350							
	Rear dozer raised	kg			7150	5050	5000	3550							
	Rear dozer lowered	kg			*9300	5650	7950	3950							
	Rear stabilizer lowered	kg			*9300	6600	7100	4600							
	F. stabilizer & r. dozer lowered	kg			*9300	7950	*8100	5550							
7.5 m	2 sets of stabilizers lowered	kg			*9400	9100	*8100	6300	6500	4700			5450	3900	10.02 m
	Rear dozer raised	kg			7100	5050	4950	3550	3700	2600			3050	2100	
	Rear dozer lowered	kg			*9400	5600	7950	3900	5850	2900			4850	2350	
	Rear stabilizer lowered	kg			*9400	6550	7100	4600	5200	3400			4350	2800	
	F. stabilizer & r. dozer lowered	kg			*9400	7900	*8100	5550	6450	4150			5400	3450	
6.0 m	2 sets of stabilizers lowered	kg			*9750	8900	*8250	6250	6500	4650	5050	3650	4850	3500	10.74 m
	Rear dozer raised	kg			6950	4900	4900	3450	3650	2550	1950	2700	1850		
	Rear dozer lowered	kg			*9750	5450	7850	3850	5800	2850	4500	2200	4350	2100	
	Rear stabilizer lowered	kg			*9750	6400	7000	4500	5200	3350	4000	2600	3850	2500	
	F. stabilizer & r. dozer lowered	kg			*9750	7750	*8250	5450	6450	4100	5000	3200	4800	3050	
4.5 m	2 sets of stabilizers lowered	kg	*13 200	*13 200	*10 300	8600	*8500	6050	6400	4600	5000	3600	4500	3250	11.22 m
	Rear dozer raised	kg	10 500	7150	6650	4600	4750	3300	3550	2450	2800	1900	2500	1700	
	Rear dozer lowered	kg	*13 200	8050	*10 300	5150	7700	3700	5700	2750	4450	2150	4000	1900	
	Rear stabilizer lowered	kg	*13 200	9600	9850	6100	6800	4350	5100	3300	4000	2550	3600	2300	
	F. stabilizer & r. dozer lowered	kg	*13 200	11 850	*10 300	7450	*8500	5300	6350	4000	4950	3150	4450	2850	
3.0 m	2 sets of stabilizers lowered	kg	*14 550	13 100	*10 900	8200	8350	5850	6250	4450	4950	3550	4300	3100	11.47 m
	Rear dozer raised	kg	9700	6450	6300	4300	4550	3100	3450	2350	2750	1850	2400	1600	
	Rear dozer lowered	kg	*14 550	7300	10 800	4850	7450	3500	5600	2650	4400	2100	3850	1800	
	Rear stabilizer lowered	kg	*14 550	8850	9400	5750	6600	4150	4950	3150	3950	2500	3400	2150	
	F. stabilizer & r. dozer lowered	kg	*14 550	11 000	*10 900	7050	8250	5100	6200	3900	4900	3100	4300	2700	
1.5 m	2 sets of stabilizers lowered	kg	*15 100	12 250	*11 100	7800	8100	5650	6150	4350	4850	3500	4250	3050	11.52 m
	Rear dozer raised	kg	8950	5750	5900	3950	4350	2900	3350	2250	2700	1800	2350	1550	
	Rear dozer lowered	kg	*15 100	6600	10 350	4500	7200	3300	5450	2550	4350	2050	3800	1750	
	Rear stabilizer lowered	kg	14 750	8100	9000	5400	6350	3950	4850	3050	3850	2450	3350	2150	
	F. stabilizer & r. dozer lowered	kg	*15 100	10 250	*11 100	6700	8050	4900	6100	3800	4850	3050	4200	2650	
Ground	2 sets of stabilizers lowered	kg	*10 250	*10 250	*10 600	7500	7900	5450	6000	4250	4800	3450			
	Rear dozer raised	kg	8450	5350	5650	3700	4150	2750	3250	2150	2650	1750			
	Rear dozer lowered	kg	*10 250	6200	10 000	4200	7050	3150	5350	2450	4300	2000			
	Rear stabilizer lowered	kg	*10 250	7650	8650	5100	6150	3800	4750	2950	3800	2400			
	F. stabilizer & r. dozer lowered	kg	*10 250	9750	*10 600	6400	7850	4700	5950	3700	4800	3000			
-1.5 m	2 sets of stabilizers lowered	kg			*9200	7350	*7250	5350							
	Rear dozer raised	kg			5500	3550	4050	2650							
	Rear dozer lowered	kg			*9200	4100	6900	3050							
	Rear stabilizer lowered	kg			8500	4950	6050	3700							
	F. stabilizer & r. dozer lowered	kg			*9200	6250	*7250	4600							

* Indicates the load is hydraulically limited.

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- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4") Drop Nose

English Units/all weights are in lb

	Undercarriage configuration		10.0 ft		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft		40.0 ft			
40.0 ft	2 sets of stabilizers lowered	lb					*16,424	*16,424										
	Rear dozer raised	lb					15,653	11,133										
	Rear dozer lowered	lb					*16,424	12,346										
	Rear stabilizer lowered	lb					*16,424	14,440										
	F. stabilizer & r. dozer lowered	lb					*16,424	*16,424										
35.0 ft	2 sets of stabilizers lowered	lb							*15,984	14,220								
	Rear dozer raised	lb							11,133	7,937								
	Rear dozer lowered	lb							*15,984	8,818								
	Rear stabilizer lowered	lb							15,873	10,362								
	F. stabilizer & r. dozer lowered	lb							*15,984	12,456								
30.0 ft	2 sets of stabilizers lowered	lb							*16,535	14,330	14,661	10,582						
	Rear dozer raised	lb							11,354	8,157	8,378	5,842						
	Rear dozer lowered	lb							*16,535	9,039	13,118	6,504						
	Rear stabilizer lowered	lb							16,094	10,472	11,795	7,716						
	F. stabilizer & r. dozer lowered	lb							*16,535	12,566	14,551	9,259						
25.0 ft	2 sets of stabilizers lowered	lb							*16,645	14,330	14,661	10,582	11,244	8,157			*9,700	7,385
	Rear dozer raised	lb							11,244	8,047	8,378	5,842	6,393	4,409			5,732	3,858
	Rear dozer lowered	lb							*16,645	8,929	13,228	6,504	10,141	4,960			9,149	4,409
	Rear stabilizer lowered	lb							15,984	10,472	11,795	7,716	9,039	5,842			8,157	5,181
	F. stabilizer & r. dozer lowered	lb							*16,645	12,566	14,551	9,259	11,244	7,165			*9,700	6,393
20.0 ft	2 sets of stabilizers lowered	lb							*17,086	14,110	14,551	10,472	11,244	8,157			9,259	6,614
	Rear dozer raised	lb							11,023	7,826	8,267	5,732	6,283	4,299			5,181	3,417
	Rear dozer lowered	lb							*17,086	8,708	13,007	6,393	10,031	4,850			8,267	3,858
	Rear stabilizer lowered	lb							15,763	10,251	11,574	7,606	9,039	5,842			7,385	4,630
	F. stabilizer & r. dozer lowered	lb							*17,086	12,346	14,440	9,149	11,133	7,055			9,149	5,842
15.0 ft	2 sets of stabilizers lowered	lb					*21,054	19,621	*17,747	13,669	14,220	10,251	11,133	8,047	8,929	6,393	8,708	6,283
	Rear dozer raised	lb					15,212	10,692	10,692	7,496	8,047	5,512	6,173	4,189	4,960	3,307	4,740	3,197
	Rear dozer lowered	lb					*21,054	11,905	17,306	8,378	12,787	6,173	9,921	4,740	7,937	3,748	7,716	3,638
	Rear stabilizer lowered	lb					*21,054	13,999	15,322	9,811	11,354	7,385	8,818	5,622	7,055	4,519	6,945	4,299
	F. stabilizer & r. dozer lowered	lb					*21,054	16,976	*17,747	11,905	14,110	8,929	11,023	6,945	8,818	5,622	8,598	5,401
10.0 ft	2 sets of stabilizers lowered	lb			*29,652	*29,652	*22,708	18,629	*18,519	13,118	13,889	9,921	10,913	7,826	8,818	6,283	8,378	5,952
	Rear dozer raised	lb			22,487	15,212	14,330	9,811	10,141	7,055	7,716	5,291	6,063	4,079	4,850	3,197	4,519	2,976
	Rear dozer lowered	lb			*29,652	17,196	*22,708	11,023	16,645	7,826	12,456	5,952	9,700	4,630	7,937	3,638	7,496	3,417
	Rear stabilizer lowered	lb			*29,652	20,613	21,275	13,118	14,771	9,370	11,023	7,055	8,708	5,512	7,055	4,409	6,614	4,189
	F. stabilizer & r. dozer lowered	lb			*29,652	25,463	*22,708	16,094	18,519	11,464	13,779	8,598	10,803	6,834	8,818	5,512	8,267	5,181
5.0 ft	2 sets of stabilizers lowered	lb			*32,518	27,888	*23,920	17,527	17,968	12,566	13,558	9,590	10,692	7,606	8,708	6,283	8,267	5,842
	Rear dozer raised	lb			20,503	13,338	13,338	8,929	9,590	6,504	7,385	4,960	5,842	3,858	4,740	3,086	4,519	2,866
	Rear dozer lowered	lb			*32,518	15,322	23,259	10,141	16,094	7,385	12,125	5,622	9,590	4,409	7,826	3,527	7,385	3,307
	Rear stabilizer lowered	lb			*32,518	18,629	20,172	12,125	14,110	8,818	10,692	6,724	8,488	5,291	6,945	4,299	6,504	4,079
	F. stabilizer & r. dozer lowered	lb			*32,518	23,369	*23,920	15,102	17,857	10,913	13,448	8,378	10,582	6,614	8,708	5,401	8,157	5,071
Ground	2 sets of stabilizers lowered	lb	*8,929	*8,929	*32,518	26,125	*23,920	16,645	17,417	12,015	13,228	9,259	10,472	7,496	8,708	6,173		
	Rear dozer raised	lb	*8,929	*8,929	18,850	12,015	12,456	8,157	9,149	6,063	7,055	4,630	5,732	3,748	4,740	2,976		
	Rear dozer lowered	lb	*8,929	*8,929	*32,518	13,779	22,156	9,370	15,543	6,945	11,795	5,291	9,370	4,299	7,716	3,527		
	Rear stabilizer lowered	lb	*8,929	*8,929	31,526	16,976	19,180	11,354	13,669	8,378	10,362	6,393	8,267	5,181	6,834	4,189		
	F. stabilizer & r. dozer lowered	lb	*8,929	*8,929	*32,518	21,716	*23,920	14,220	17,306	10,362	13,118	8,047	10,472	6,504	8,598	5,291		
-5.0 ft	2 sets of stabilizers lowered	lb			*23,038	*23,038	*22,156	16,094	17,086	11,685	13,007	9,039	10,362	7,275				
	Rear dozer raised	lb			17,968	11,244	11,905	7,716	8,818	5,732	6,834	4,519	5,622	3,638				
	Rear dozer lowered	lb			*23,038	13,007	21,495	8,818	15,102	6,614	11,574	5,181	9,259	4,189				
	Rear stabilizer lowered	lb			*23,038	16,204	18,629	10,803	13,228	7,937	10,141	6,173	8,157	5,071				
	F. stabilizer & r. dozer lowered	lb			*23,038	20,834	*22,156	13,669	16,865	10,031	12,897	7,826	10,251	6,283				

* Indicates the load is hydraulically limited.

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- All weights are calculated at stick nose and without work tool installed.
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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4") Drop Nose

Metric Units/all weights are in kg

	Undercarriage configuration		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m			
12.0 m	2 sets of stabilizers lowered	kg					*7450	*7450										
	Rear dozer raised	kg					7100	5050										
	Rear dozer lowered	kg					*7450	5600										
	Rear stabilizer lowered	kg					*7450	6550										
	F. stabilizer & r. dozer lowered	kg					*7450	*7450										
10.5 m	2 sets of stabilizers lowered	kg							*7250	6450								
	Rear dozer raised	kg							5050	3600								
	Rear dozer lowered	kg							*7250	4000								
	Rear stabilizer lowered	kg							7200	4700								
	F. stabilizer & r. dozer lowered	kg							*7250	5650								
9.0 m	2 sets of stabilizers lowered	kg							*7500	6500	6650	4800						
	Rear dozer raised	kg							5150	3700	3800	2650						
	Rear dozer lowered	kg							*7500	4100	5950	2950						
	Rear stabilizer lowered	kg							7300	4750	5350	3500						
	F. stabilizer & r. dozer lowered	kg							*7500	5700	6600	4200						
7.5 m	2 sets of stabilizers lowered	kg							*7550	6500	6650	4800	5100	3700			*4400	3350
	Rear dozer raised	kg							5100	3650	3800	2650	2900	2000			2600	1750
	Rear dozer lowered	kg							*7550	4050	6000	2950	4600	2250			4150	2000
	Rear stabilizer lowered	kg							7250	4750	5350	3500	4100	2650			3700	2350
	F. stabilizer & r. dozer lowered	kg							*7550	5700	6600	4200	5100	3250			*4400	2900
6.0 m	2 sets of stabilizers lowered	kg							*7750	6400	6600	4750	5100	3700			4200	3000
	Rear dozer raised	kg							5000	3550	3750	2600	2850	1950			2350	1550
	Rear dozer lowered	kg							*7750	3950	5900	2900	4550	2200			3750	1750
	Rear stabilizer lowered	kg							7150	4650	5250	3450	4100	2650			3350	2100
	F. stabilizer & r. dozer lowered	kg							*7750	5600	6550	4150	5050	3200			4150	2650
4.5 m	2 sets of stabilizers lowered	kg					*9550	8900	*8050	6200	6450	4650	5050	3650	4050	2900	3950	2850
	Rear dozer raised	kg					6900	4850	4850	3400	3650	2500	2800	1900	2250	1500	2150	1450
	Rear dozer lowered	kg					*9550	5400	7850	3800	5800	2800	4500	2150	3600	1700	3500	1650
	Rear stabilizer lowered	kg					*9550	6350	6950	4450	5150	3350	4000	2550	3200	2050	3150	1950
	F. stabilizer & r. dozer lowered	kg					*9550	7700	*8050	5400	6400	4050	5000	3150	4000	2550	3900	2450
3.0 m	2 sets of stabilizers lowered	kg			*13 450	*13 450	*10 300	8450	*8400	5950	6300	4500	4950	3550	4000	2850	3800	2700
	Rear dozer raised	kg			10 200	6900	6500	4450	4600	3200	3500	2400	2750	1850	2200	1450	2050	1350
	Rear dozer lowered	kg			*13 450	7800	*10 300	5000	7550	3550	5650	2700	4400	2100	3600	1650	3400	1550
	Rear stabilizer lowered	kg			*13 450	9350	9650	5950	6700	4250	5000	3200	3950	2500	3200	2000	3000	1900
	F. stabilizer & r. dozer lowered	kg			*13 450	11 550	*10 300	7300	8400	5200	6250	3900	4900	3100	4000	2500	3750	2350
1.5 m	2 sets of stabilizers lowered	kg			*14 750	12 650	*10 850	7950	8150	5700	6150	4350	4850	3450	3950	2850	3750	2650
	Rear dozer raised	kg			9300	6050	6050	4050	4350	2950	3350	2250	2650	1750	2150	1400	2050	1300
	Rear dozer lowered	kg			*14 750	6950	10 550	4600	7300	3350	5500	2550	4350	2000	3550	1600	3350	1500
	Rear stabilizer lowered	kg			*14 750	8450	9150	5500	6400	4000	4850	3050	3850	2400	3150	1950	2950	1850
	F. stabilizer & r. dozer lowered	kg			*14 750	10 600	*10 850	6850	8100	4950	6100	3800	4800	3000	3950	2450	3700	2300
Ground	2 sets of stabilizers lowered	kg	*4050	*4050	*14 750	11 850	*10 850	7550	7900	5450	6000	4200	4750	3400	3950	2800		
	Rear dozer raised	kg	*4050	*4050	8550	5450	5650	3700	4150	2750	3200	2100	2600	1700	2150	1350		
	Rear dozer lowered	kg	*4050	*4050	*14 750	6250	10 050	4250	7050	3150	5350	2400	4250	1950	3500	1600		
	Rear stabilizer lowered	kg	*4050	*4050	14 300	7700	8700	5150	6200	3800	4700	2900	3750	2350	3100	1900		
	F. stabilizer & r. dozer lowered	kg	*4050	*4050	*14 750	9850	*10 850	6450	7850	4700	5950	3650	4750	2950	3900	2400		
-1.5 m	2 sets of stabilizers lowered	kg			*10 450	*10 450	*10 050	7300	7750	5300	5900	4100	4700	3300				
	Rear dozer raised	kg			8150	5100	5400	3500	4000	2600	3100	2050	2550	1650				
	Rear dozer lowered	kg			*10 450	5900	9750	4000	6850	3000	5250	2350	4200	1900				
	Rear stabilizer lowered	kg			*10 450	7350	8450	4900	6000	3600	4600	2800	3700	2300				
	F. stabilizer & r. dozer lowered	kg			*10 450	9450	*10 050	6200	7650	4550	5850	3550	4650	2850				

* Indicates the load is hydraulically limited.

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- Rated loads do not exceed 87% of the hydraulic lifting capacity or 75% of tipping.
- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") Straight

English Units/all weights are in lb

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft			
35.0 ft	2 sets of stabilizers lowered	lb			*20,172	19,731								
	Rear dozer raised	lb			15,322	10,803								
	Rear dozer lowered	lb			*20,172	12,015								
	Rear stabilizer lowered	lb			*20,172	14,110								
	F. stabilizer & r. dozer lowered	lb			*20,172	17,086								
30.0 ft	2 sets of stabilizers lowered	lb			*20,503	19,952	*17,747	13,779						
	Rear dozer raised	lb			15,543	11,023	10,803	7,496						
	Rear dozer lowered	lb			*20,503	12,236	17,417	8,378						
	Rear stabilizer lowered	lb			*20,503	14,330	15,432	9,921						
	F. stabilizer & r. dozer lowered	lb			*20,503	17,306	*17,747	12,015						
25.0 ft	2 sets of stabilizers lowered	lb			*20,613	19,842	*17,637	13,669	14,110	10,141			12,015	8,598
	Rear dozer raised	lb			15,432	10,913	10,692	7,496	7,937	5,401			6,614	4,519
	Rear dozer lowered	lb			*20,613	12,125	17,306	8,378	12,677	6,173			10,692	5,071
	Rear stabilizer lowered	lb			*20,613	14,220	15,432	9,921	11,244	7,275			9,480	6,063
	F. stabilizer & r. dozer lowered	lb			*20,613	17,196	*17,637	12,015	13,999	8,818			11,905	7,496
20.0 ft	2 sets of stabilizers lowered	lb			*21,385	19,401	*17,968	13,448	13,999	10,031	10,803	7,716	10,582	7,606
	Rear dozer raised	lb			14,991	10,472	10,472	7,385	7,826	5,401	5,952	3,968	5,842	3,858
	Rear dozer lowered	lb			*21,385	11,795	17,086	8,157	12,566	6,063	9,700	4,519	9,480	4,409
	Rear stabilizer lowered	lb			*21,385	13,889	15,102	9,700	11,133	7,165	8,598	5,401	8,378	5,291
	F. stabilizer & r. dozer lowered	lb			*21,385	16,865	*17,968	11,795	13,889	8,818	10,803	6,724	10,472	6,614
15.0 ft	2 sets of stabilizers lowered	lb	*28,991	*28,991	*22,597	18,739	*18,519	13,118	13,779	9,811	10,803	7,716	9,811	6,945
	Rear dozer raised	lb	22,818	15,432	14,330	9,921	10,141	6,945	7,606	5,181	5,952	3,968	5,401	3,527
	Rear dozer lowered	lb	*28,991	17,417	*22,597	11,133	16,645	7,826	12,346	5,842	9,590	4,519	8,708	3,968
	Rear stabilizer lowered	lb	*28,991	20,834	21,385	13,228	14,771	9,259	11,023	6,945	8,488	5,401	7,716	4,850
	F. stabilizer & r. dozer lowered	lb	*28,991	25,794	*22,597	16,094	18,519	11,354	13,669	8,598	10,692	6,724	9,700	6,063
10.0 ft	2 sets of stabilizers lowered	lb	*31,857	28,440	*23,700	17,747	18,078	12,566	13,558	9,590	10,692	7,606	9,370	6,614
	Rear dozer raised	lb	20,944	13,779	13,558	9,149	9,700	6,504	7,385	4,960	5,842	3,858	5,071	3,307
	Rear dozer lowered	lb	*31,857	15,763	23,479	10,362	16,094	7,385	12,125	5,622	9,480	4,409	8,378	3,748
	Rear stabilizer lowered	lb	*31,857	19,070	20,393	12,346	14,220	8,818	10,692	6,724	8,378	5,291	7,385	4,630
	F. stabilizer & r. dozer lowered	lb	*31,857	23,810	*23,700	15,212	17,968	10,913	13,448	8,267	10,582	6,504	9,259	5,732
5.0 ft	2 sets of stabilizers lowered	lb	*32,739	26,455	*24,030	16,865	17,527	12,125	13,228	9,259	10,472	7,385	9,259	6,504
	Rear dozer raised	lb	19,180	12,236	12,677	8,378	9,259	6,173	7,055	4,740	5,622	3,638	4,960	3,197
	Rear dozer lowered	lb	*32,739	14,110	22,377	9,480	15,653	6,945	11,795	5,401	9,370	4,189	8,157	3,748
	Rear stabilizer lowered	lb	31,967	17,306	19,401	11,464	13,669	8,378	10,362	6,393	8,267	5,071	7,275	4,519
	F. stabilizer & r. dozer lowered	lb	*32,739	22,046	*24,030	14,330	17,417	10,472	13,118	8,047	10,362	6,393	9,149	5,622
Ground	2 sets of stabilizers lowered	lb	*21,826	*21,826	*22,818	16,204	17,086	11,685	13,007	9,039	10,362	7,275		
	Rear dozer raised	lb	18,078	11,244	12,015	7,716	8,818	5,732	6,834	4,519	5,512	3,527		
	Rear dozer lowered	lb	*21,826	13,118	21,605	8,929	15,212	6,614	11,574	5,181	9,149	4,079		
	Rear stabilizer lowered	lb	*21,826	16,314	18,739	10,913	13,228	8,047	10,141	6,283	8,157	4,960		
	F. stabilizer & r. dozer lowered	lb	*21,826	20,944	*22,818	13,779	16,976	10,031	12,897	7,826	10,251	6,283		
-5.0 ft	2 sets of stabilizers lowered	lb			*19,511	15,763	*15,432	11,464						
	Rear dozer raised	lb			11,685	7,496	8,598	5,512						
	Rear dozer lowered	lb			*19,511	8,598	14,881	6,393						
	Rear stabilizer lowered	lb			18,298	10,582	13,007	7,826						
	F. stabilizer & r. dozer lowered	lb			*19,511	13,338	*15,432	9,811						

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- Oscillating axle must be locked.

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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Standard

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") Straight

Metric Units/all weights are in kg

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
10.5 m	2 sets of stabilizers lowered	kg			*9150	8950									
	Rear dozer raised	kg			6950	4900									
	Rear dozer lowered	kg			*9150	5450									
	Rear stabilizer lowered	kg			*9150	6400									
	F. stabilizer & r. dozer lowered	kg			*9150	7750									
9.0 m	2 sets of stabilizers lowered	kg			*9300	9050	*8050	6250							
	Rear dozer raised	kg			7050	5000	4900	3400							
	Rear dozer lowered	kg			*9300	5550	7900	3800							
	Rear stabilizer lowered	kg			*9300	6500	7000	4500							
	F. stabilizer & r. dozer lowered	kg			*9300	7850	*8050	5450							
7.5 m	2 sets of stabilizers lowered	kg			*9350	9000	*8000	6200	6400	4600			5450	3900	9.91 m
	Rear dozer raised	kg			7000	4950	4850	3400	3600	2450			3000	2050	
	Rear dozer lowered	kg			*9350	5500	7850	3800	5750	2800			4850	2300	
	Rear stabilizer lowered	kg			*9350	6450	7000	4500	5100	3300			4300	2750	
	F. stabilizer & r. dozer lowered	kg			*9350	7800	*8000	5450	6350	4000			5400	3400	
6.0 m	2 sets of stabilizers lowered	kg			*9700	8800	*8150	6100	6350	4550	4900	3500	4800	3450	10.64 m
	Rear dozer raised	kg			6800	4750	4750	3350	3550	2450	1800	1800	2650	1750	
	Rear dozer lowered	kg			*9700	5350	7750	3700	5700	2750	4400	2050	4300	2000	
	Rear stabilizer lowered	kg			*9700	6300	6850	4400	5050	3250	3900	2450	3800	2400	
	F. stabilizer & r. dozer lowered	kg			*9700	7650	*8150	5350	6300	4000	4900	3050	4750	3000	
4.5 m	2 sets of stabilizers lowered	kg	*13 150	*13 150	*10 250	8500	*8400	5950	6250	4450	4900	3500	4450	3150	11.12 m
	Rear dozer raised	kg	10 350	7000	6500	4500	4600	3150	3450	2350	2700	1800	2450	1600	
	Rear dozer lowered	kg	*13 150	7900	*10 250	5050	7550	3550	5600	2650	4350	2050	3950	1800	
	Rear stabilizer lowered	kg	*13 150	9450	9700	6000	6700	4200	5000	3150	3850	2450	3500	2200	
	F. stabilizer & r. dozer lowered	kg	*13 150	11 700	*10 250	7300	8400	5150	6200	3900	4850	3050	4400	2750	
3.0 m	2 sets of stabilizers lowered	kg	*14 450	12 900	*10 750	8050	8200	5700	6150	4350	4850	3450	4250	3000	11.38 m
	Rear dozer raised	kg	9500	6250	6150	4150	4400	2950	3350	2250	2650	1750	2300	1500	
	Rear dozer lowered	kg	*14 450	7150	10 650	4700	7300	3350	5500	2550	4300	2000	3800	1700	
	Rear stabilizer lowered	kg	*14 450	8650	9250	5600	6450	4000	4850	3050	3800	2400	3350	2100	
	F. stabilizer & r. dozer lowered	kg	*14 450	10 800	*10 750	6900	8150	4950	6100	3750	4800	2950	4200	2600	
1.5 m	2 sets of stabilizers lowered	kg	*14 850	12 000	*10 900	7650	7950	5500	6000	4200	4750	3350	4200	2950	11.43 m
	Rear dozer raised	kg	8700	5550	5750	3800	4200	2800	3200	2150	2550	1650	2250	1450	
	Rear dozer lowered	kg	*14 850	6400	10 150	4300	7100	3150	5350	2450	4250	1900	3700	1700	
	Rear stabilizer lowered	kg	14 500	7850	8800	5200	6200	3800	4700	2900	3750	2300	3300	2050	
	F. stabilizer & r. dozer lowered	kg	*14 850	10 000	*10 900	6500	7900	4750	5950	3650	4700	2900	4150	2550	
Ground	2 sets of stabilizers lowered	kg	*9900	*9900	*10 350	7350	7750	5300	5900	4100	4700	3300			
	Rear dozer raised	kg	8200	5100	5450	3500	4000	2600	3100	2050	2500	1600			
	Rear dozer lowered	kg	*9900	5950	9800	4050	6900	3000	5250	2350	4150	1850			
	Rear stabilizer lowered	kg	*9900	7400	8500	4950	6000	3650	4600	2850	3700	2250			
	F. stabilizer & r. dozer lowered	kg	*9900	9500	*10 350	6250	7700	4550	5850	3550	4650	2850			
-1.5 m	2 sets of stabilizers lowered	kg			*8850	7150	*7000	5200							
	Rear dozer raised	kg			5300	3400	3900	2500							
	Rear dozer lowered	kg			*8850	3900	6750	2900							
	Rear stabilizer lowered	kg			8300	4800	5900	3550							
	F. stabilizer & r. dozer lowered	kg			*8850	6050	*7000	4450							

* Indicates the load is hydraulically limited.

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- Rated loads do not exceed 87% of the hydraulic lifting capacity or 75% of tipping.
- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



Load Radius
Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") Straight

English Units/all weights are in lb

	Undercarriage configuration		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft				
															
35.0 ft	2 sets of stabilizers raised	lb			15,102	11,574									
	2 sets of stabilizers lowered	lb			*20,172	*20,172									
30.0 ft	2 sets of stabilizers raised	lb			15,322	11,795	10,582	8,157							
	2 sets of stabilizers lowered	lb			*20,503	*20,503	*17,747	16,314							
25.0 ft	2 sets of stabilizers raised	lb			15,212	11,685	10,582	8,157	7,826	5,952			6,614	4,960	32'6"
	2 sets of stabilizers lowered	lb			*20,613	*20,613	*17,637	16,314	14,771	12,015			*12,125	10,251	
20.0 ft	2 sets of stabilizers raised	lb			14,771	11,354	10,362	7,937	7,716	5,842	5,952	4,409	5,842	4,299	34'11"
	2 sets of stabilizers lowered	lb			*21,385	*21,385	*17,968	16,094	14,661	11,905	11,354	9,259	11,133	9,039	
15.0 ft	2 sets of stabilizers raised	lb	22,267	16,645	14,110	10,692	10,031	7,606	7,496	5,732	5,842	4,409	5,291	3,968	36'6"
	2 sets of stabilizers lowered	lb	*28,991	*28,991	*22,597	22,487	*18,519	15,653	14,440	11,795	11,244	9,149	10,251	8,378	
10.0 ft	2 sets of stabilizers raised	lb	20,503	14,991	13,338	9,921	9,590	7,165	7,275	5,401	5,732	4,299	5,071	3,748	37'4"
	2 sets of stabilizers lowered	lb	*31,857	*31,857	*23,700	21,495	18,850	15,102	14,110	11,464	11,133	9,039	9,811	8,047	
5.0 ft	2 sets of stabilizers raised	lb	18,739	13,448	12,456	9,149	9,149	6,724	7,055	5,181	5,622	4,079	4,960	3,638	37'6"
	2 sets of stabilizers lowered	lb	*32,739	*32,739	*24,030	20,613	18,298	14,661	13,779	11,133	11,023	8,929	*9,590	7,937	
Ground	2 sets of stabilizers raised	lb	17,637	12,456	11,795	8,598	8,708	6,393	6,834	4,960	5,512	3,968			
	2 sets of stabilizers lowered	lb	*21,826	*21,826	*22,818	19,842	*17,747	14,220	13,558	10,913	*10,582	8,818			
-5.0 ft	2 sets of stabilizers raised	lb			11,464	8,267	8,488	6,173							
	2 sets of stabilizers lowered	lb			*19,511	19,511	*15,432	13,999							

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 4.8 m (15'9") Straight

Metric Units/all weights are in kg

	Undercarriage configuration		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				
10.5 m	2 sets of stabilizers raised	kg			6850	5250									
	2 sets of stabilizers lowered	kg			*9150	*9150									
9.0 m	2 sets of stabilizers raised	kg			6950	5350	4800	3700							
	2 sets of stabilizers lowered	kg			*9300	*9300	*8050	7400							
7.5 m	2 sets of stabilizers raised	kg			6900	5300	4800	3700	3550	2700			3000	2250	9.91 m
	2 sets of stabilizers lowered	kg			*9350	*9350	*8000	7400	6700	5450			*5500	4650	
6.0 m	2 sets of stabilizers raised	kg			6700	5150	4700	3600	3500	2650	2700	2000	2650	1950	10.64 m
	2 sets of stabilizers lowered	kg			*9700	*9700	*8150	7300	6650	5400	5150	4200	5050	4100	
4.5 m	2 sets of stabilizers raised	kg	10 100	7550	6400	4850	4550	3450	3400	2600	2650	2000	2400	1800	11.12 m
	2 sets of stabilizers lowered	kg	*13 150	*13 150	*10 250	10 200	*8400	7100	6550	5350	5100	4150	4650	3800	
3.0 m	2 sets of stabilizers raised	kg	9300	6800	6050	4500	4350	3250	3300	2450	2600	1950	2300	1700	11.38 m
	2 sets of stabilizers lowered	kg	*14 450	*14 450	*10 750	9750	8550	6850	6400	5200	5050	4100	4450	3650	
1.5 m	2 sets of stabilizers raised	kg	8500	6100	5650	4150	4150	3050	3200	2350	2550	1850	2250	1650	11.43 m
	2 sets of stabilizers lowered	kg	*14 850	*14 850	*10 900	9350	8300	6650	6250	5050	5000	4050	*4350	3600	
Ground	2 sets of stabilizers raised	kg	8000	5650	5350	3900	3950	2900	3100	2250	2500	1800			
	2 sets of stabilizers lowered	kg	*9900	*9900	*10 350	9000	*8050	6450	6150	4950	*4800	4000			
-1.5 m	2 sets of stabilizers raised	kg			5200	3750	3850	2800							
	2 sets of stabilizers lowered	kg			*8850	8850	*7000	6350							

* Indicates the load is hydraulically limited.

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- Rated loads do not exceed 87% of the hydraulic lifting capacity or 75% of tipping.
- All weights are calculated at stick nose and without work tool installed.
- Oscillating axle must be locked.

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M322D Material Handler

Lift Capacities – M322D MH



Load Point
Height



Load at
Maximum Reach



Load Radius
Over Front



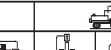
Load Radius
Over Side

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4") Drop Nose

English Units/all weights are in lb

	Undercarriage configuration		10.0 ft		15.0 ft		20.0 ft		25.0 ft		30.0 ft		35.0 ft		40.0 ft			
																		
40.0 ft	2 sets of stabilizers raised	lb					15,432	11,905										
	2 sets of stabilizers lowered	lb					*16,424	*16,424										
35.0 ft	2 sets of stabilizers raised	lb							11,023	8,598								
	2 sets of stabilizers lowered	lb							*15,984	*15,984								
30.0 ft	2 sets of stabilizers raised	lb							11,244	8,708	8,267	6,393						
	2 sets of stabilizers lowered	lb							*16,535	*16,535	*14,881	12,566						
25.0 ft	2 sets of stabilizers raised	lb							11,133	8,708	8,267	6,393	6,283	4,850			5,732	4,299
	2 sets of stabilizers lowered	lb							*16,645	*16,645	*14,771	12,566	11,795	9,700			*9,700	8,818
20.0 ft	2 sets of stabilizers raised	lb							10,913	8,488	8,157	6,283	6,283	4,740			5,071	3,858
	2 sets of stabilizers lowered	lb							*17,086	16,645	*14,991	12,346	11,685	9,700			*9,590	7,937
15.0 ft	2 sets of stabilizers raised	lb					14,991	11,464	10,582	8,157	7,937	6,063	6,173	4,630	4,850	3,638	4,740	3,527
	2 sets of stabilizers lowered	lb					*21,054	*21,054	*17,747	16,204	14,771	12,125	11,574	9,480	9,370	7,716	9,149	7,496
10.0 ft	2 sets of stabilizers raised	lb			21,936	16,314	14,110	10,692	10,031	7,606	7,606	5,732	5,952	4,519	4,850	3,527	4,519	3,307
	2 sets of stabilizers lowered	lb			*29,652	*29,652	*22,708	22,377	*18,519	15,653	14,440	11,795	11,354	9,370	9,259	7,606	8,818	7,165
5.0 ft	2 sets of stabilizers raised	lb			19,952	14,551	13,118	9,811	9,480	7,165	7,275	5,512	5,842	4,299	4,740	3,417	4,409	3,197
	2 sets of stabilizers lowered	lb			*32,518	*32,518	*23,920	21,275	18,739	15,102	14,110	11,464	11,244	9,149	9,149	7,496	8,598	7,055
Ground	2 sets of stabilizers raised	lb	*8,929	*8,929	18,409	13,118	12,346	9,039	9,039	6,724	7,055	5,181	5,622	4,189	4,630	3,417		
	2 sets of stabilizers lowered	lb	*8,929	*8,929	*32,518	*32,518	*23,920	20,393	18,188	14,551	13,779	11,133	11,023	8,929	*9,039	7,385		
-5.0 ft	2 sets of stabilizers raised	lb			17,637	12,346	11,795	8,488	8,708	6,393	6,834	4,960	5,512	4,079				
	2 sets of stabilizers lowered	lb			*23,038	*23,038	*22,156	19,731	*17,306	14,220	13,558	10,913	*10,582	8,818				

UNDERCARRIAGE – Material Handling

BOOM – 6.8 m (22'4")

STICK – 5.9 m (19'4") Drop Nose

Metric Units/all weights are in kg

	Undercarriage configuration		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m			
																		
12.0 m	2 sets of stabilizers raised	kg					7000	5400										
	2 sets of stabilizers lowered	kg					*7450	*7450										
10.5 m	2 sets of stabilizers raised	kg							5000	3900								
	2 sets of stabilizers lowered	kg							*7250	*7250								
9.0 m	2 sets of stabilizers raised	kg							5100	3950	3750	2900						
	2 sets of stabilizers lowered	kg							*7500	*7500	*6750	5700						
7.5 m	2 sets of stabilizers raised	kg							5050	3950	3750	2900	2850	2200			2600	1950
	2 sets of stabilizers lowered	kg							*7550	*7550	*6700	5700	5350	4400			*4400	4000
6.0 m	2 sets of stabilizers raised	kg							4950	3850	3700	2850	2850	2150			2300	1750
	2 sets of stabilizers lowered	kg							*7750	7550	*6800	5600	5300	4400			*4350	3600
4.5 m	2 sets of stabilizers raised	kg					6800	5200	4800	3700	3600	2750	2800	2100	2200	1650	2150	1600
	2 sets of stabilizers lowered	kg					*9550	*9550	*8050	7350	6700	5500	5250	4300	4250	3500	4150	3400
3.0 m	2 sets of stabilizers raised	kg			9950	7400	6400	4850	4550	3450	3450	2600	2700	2050	2200	1600	2050	1500
	2 sets of stabilizers lowered	kg			*13 450	*13 450	*10 300	10 150	*8400	7100	6550	5350	5150	4250	4200	3450	4000	3250
1.5 m	2 sets of stabilizers raised	kg			9050	6600	5950	4450	4300	3250	3300	2500	2650	1950	2150	1550	2000	1450
	2 sets of stabilizers lowered	kg			*14 750	*14 750	*10 850	9650	8500	6850	6400	5200	5100	4150	4150	3400	3900	3200
Ground	2 sets of stabilizers raised	kg	*4050	*4050	8350	5950	5600	4100	4100	3050	3200	2350	2550	1900	2100	1550		
	2 sets of stabilizers lowered	kg	*4050	*4050	*14 750	*14 750	*10 850	9250	8250	6600	6250	5050	5000	4050	*4100	3350		
-1.5 m	2 sets of stabilizers raised	kg			8000	5600	5350	3850	3950	2900	3100	2250	2500	1850				
	2 sets of stabilizers lowered	kg			*10 450	*10 450	*10 050	8950	*7850	6450	6150	4950	*4800	4000				

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