

General Forestry



Log Loader

FM538 GF/ FM538 LL

Forest Machine

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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FM538 GF/FM538 LL Forest Machine Specifications

Engine

Engine Model	Cat® C7.1	
Net Power – ISO 9249	129 kW	172 hp
Engine Power – ISO 14396	129 kW	174 hp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in^3

- Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system, and alternator with engine speed at 2,200 rpm.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - 20% biodiesel FAME (fatty acid methyl ester) ***
  - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

  Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

  *While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.

  **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

  ***Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Weights

Operating Weight – Forestry Processor	30 000 kg	66,140 lb

- High Wide undercarriage, 165 mm (6.5") riser, Reach boom, R3.7 (12'2") Drop Nose stick, 700 mm (28") double grouser shoes, no processor head.

Operating Weight – Forestry Road Builder	30 890 kg	68,100 lb

- High Wide undercarriage, 165 mm (6.5") riser, Reach boom, R2.9 (9'7") Thumb Ready stick, 700 mm (28") double grouser shoes, 1.4 m^3 (1.8 yd^3) HD bucket.

Operating Weight – Log Loader, Under/Under	31 590 kg	69,640 lb

- High Wide undercarriage, Side Entry Cab, 1219 mm (48") riser, Log Loader boom, 3.5 m (11'6") Under/Under stick with live heel, 700 mm (28") double grouser shoes, no grapple.

Operating Weight – Log Loader, Over/Under	31 880 kg	70,280 lb

- High Wide undercarriage, Side Entry Cab, 1219 mm (48") riser, Log Loader boom, 3.8 m (12'6") Over/Under stick with live heel, 700 mm (28") double grouser shoes, no grapple.

Operating Weight – Log Loader, Under/Under Extended Reach	31 740 kg	69,970 lb

- High Wide undercarriage, Side Entry Cab, 1219 mm (48") riser, Log Loader boom, 3.5 m (11'6") Under/Under Extended Reach stick with live heel, 700 mm (28") double grouser shoes, no grapple.

Weights *(continued)*

Operating Weight – Log Loader, Power Clam	31 260 kg	68, 920 lb

- High Wide undercarriage, Side Entry Cab, 1219 mm (48") riser, Log Loader boom, 3.8 m (12'6") Power Clam stick, 700 mm (28") double grouser shoes, no grapple.

Operating Weight – Log Loader, Power Clam	32 538 kg	71,730 lb

- High Wide undercarriage, Rear Entry Cab, 1219 mm (48") easy lock riser, Log Loader boom, 3.8 m (12'6") Power Clam stick, 700 mm (28") double grouser shoes, no grapple.

Swing Mechanism

Swing Speed	11.0 rpm	
Maximum Swing Torque	98 kN·m	72,281 lbf·ft

Undercarriage

Undercarriage Pitch	203 mm	8 in
Track Gauge	2790 mm	110 in
Track Length	4665 mm	184 in
Ground Clearance (without grouser)	716 mm	28 in
Ground Clearance (with grouser)	758 mm	30 in
Track Shoes Width	900 mm	36 in
Track Shoes Width	800 mm	31 in
Track Shoes Width	700 mm	28 in
Track Shoes Width	600 mm	24 in
Number of Shoes (each side)	48	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Maximum Travel Speed – Rabbit	4.9 km/h	3.0 mph
Maximum Travel Speed – Turtle	3.0 km/h	1.9 mph
Maximum Drawbar Pull	256 kN	57,551 lbf

Hydraulic System

Main System – Maximum Flow – Implement	468 L/min (234 × 2 pumps)	124 gal/min (62 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum System Pressure – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	30 000 kPa	4,351 psi
Auxiliary Pump – Heel/Grapple (FM538 LL)/Processor (FM538 GF)		
Maximum Flow	54 L/min	14 gal/min
Maximum Pressure	10 300 kPa	1,494 psi
Auxiliary Pump – Power Clam (FM538 LL)/Road Builder (FM538 GF)		
Maximum Flow	110 L/min	29 gal/min
Maximum Pressure	10 300 kPa	1,494 psi
FM538 GF – General Forestry Linkage		
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Rod	85 mm	3 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Rod	100 mm	4 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Rod	85 mm	3 in
Bucket Cylinder – Stroke	1104 mm	43 in
FM538 LL – Log Loader Linkage		
Boom Cylinder – Bore	140 mm	6 in
Boom Cylinder – Rod	100 mm	4 in
Boom Cylinder – Stroke	1160 mm	46 in
Stick Cylinder – Bore	150 mm	6 in
Stick Cylinder – Rod	105 mm	4 in
Stick Cylinder – Stroke	1470 mm	58 in
Heel Cylinder – Bore	130 mm	5 in
Heel Cylinder – Rod	90 mm	4 in
Heel Cylinder – Stroke	1156 mm	46 in

Service Refill Capacities

Fuel Tank Capacity	990 L	262 gal
Cooling System	17.5 L	5 gal
Engine Oil (with filter)	25 L	7 gal
Swing Drive (each)	11.5 L	3 gal
Final Drive (each)	4.5 L	1 gal
Hydraulic System (including tank)	262 L	69 gal
Hydraulic Tank	143 L	38 gal
Diesel Exhaust Fluid (DEF) Tank	41 L	11 gal

Standards

Brakes	ISO 10265:2008 ISO 11512:1995
Falling Object Protective Structure (FOPS)	ISO 8083:2006 11,600 J
Operator Protective Structure (OPS)	ISO 8084:2003 WCB G603-2021
Falling Object Guards (FOGS)/ Operator Protective Guards (OPG)	SAE J1356-2022/ ISO 10262-1998 Level II
Rollover Protective Structure (ROPS)	ISO 8082-2:2011 OR-OSHA 437-007-0775 (14)

Sound Performance

FM538 – General Forestry Linkage	
ISO 6395 (external)	101 dB(A)
ISO 6396 (inside cab)	80 dB(A)
FM538 LL – Log Loader Linkage	
ISO 18564 (external)	102 dB(A)
ISO 18564 (inside cab)	73 dB(A)

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets Occupational Safety and Health Administration (OSHA) and Mine Safety and Health Administration (MSHA) requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

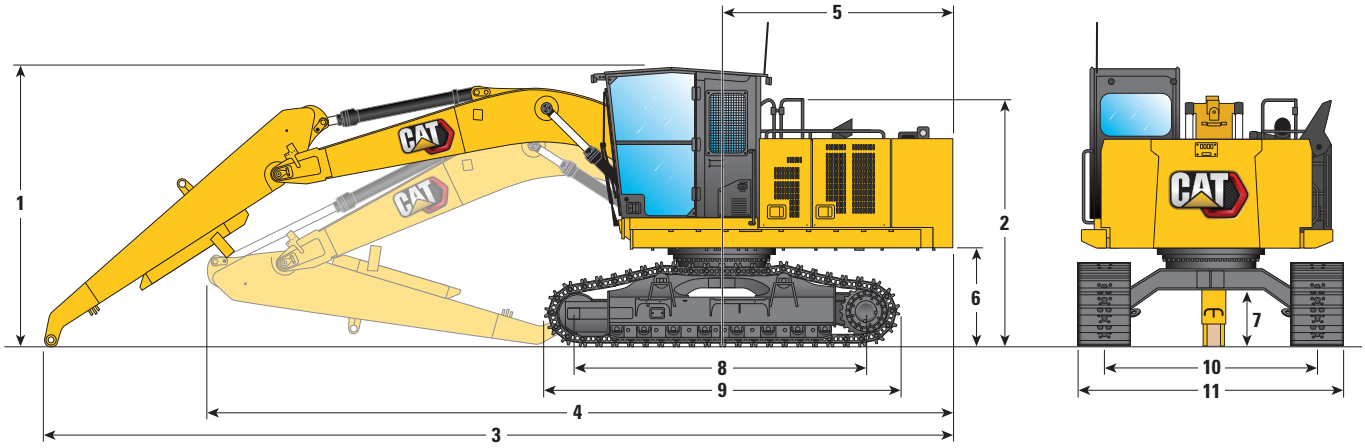
Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 (FIX CAB)/2.0 (48" Riser CAB) kg of refrigerant, which as a CO_2 equivalent of 2.574/2.860 metric tonnes).

FM538 GF/FM538 LL Forest Machine Specifications

Dimensions – General Forestry

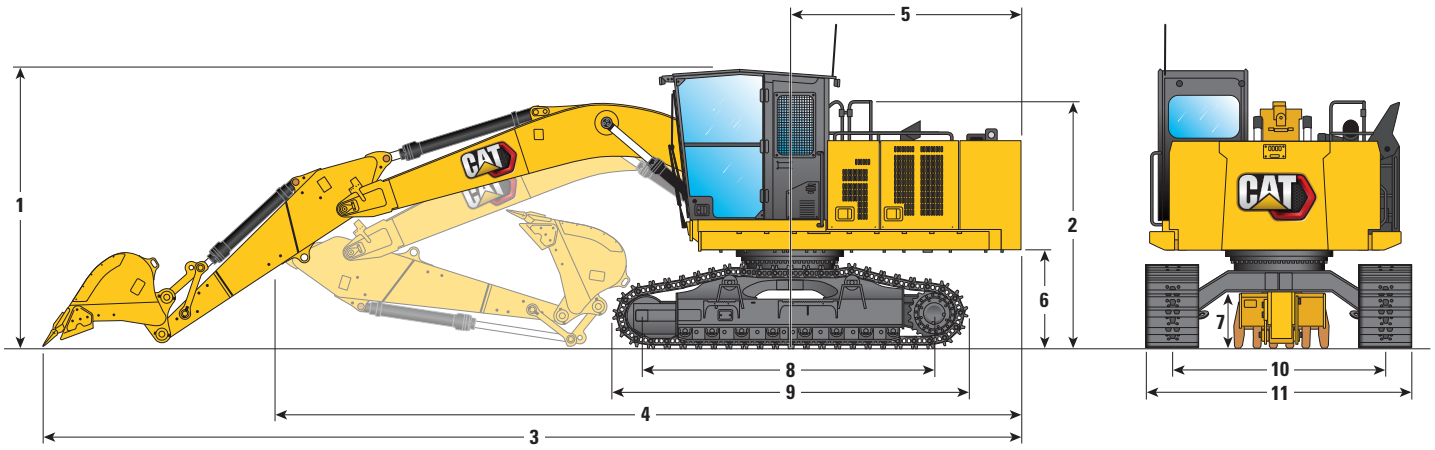
All dimensions are approximate.



Boom Option			Reach Boom 5.7 m (18'7")	
Stick Option			**Drop Nose Stick 3.7 m (12'2")**	
Machine Height	**With Grouser**		**Without Grouser**	
1 Shipping Height (top of cab) – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
Machine Height (top of cab) 1219 mm (48") Riser	4730 mm	15'6"	4690 mm	15'5"
2 Handrail Height	3270 mm	10'9"	3230 mm	10'7"
Shipping Height – 1219 mm (48") Riser, tilted	3400 mm	11'2"	3360 mm	11'0"
3 Shipping Length (with stick and boom stretched out)	11 950 mm	39'2"	11 950 mm	39'2"
4 Shipping Length (with stick curled under boom)	9780 mm	32'1"	9780 mm	32'1"
5 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
6 Counterweight Clearance	1280 mm	4'2"	1240 mm	4'1"
7 Ground Clearance	750 mm	2'6"	710 mm	2'4"
8 Distance Between Idler/Sprocket Center	3790 mm	12'5"	3790 mm	12'5"
9 Track Length	4670 mm	15'4"	4670 mm	15'4"
10 Track Gauge	2790 mm	9'2"	2790 mm	9'2"
Undercarriage Pitch	203 mm	0'8"	203 mm	0'8"
11 Transport Width – 700 mm (28") Track Shoes	3490 mm	11'5"	3490 mm	11'5"

Dimensions – General Forestry

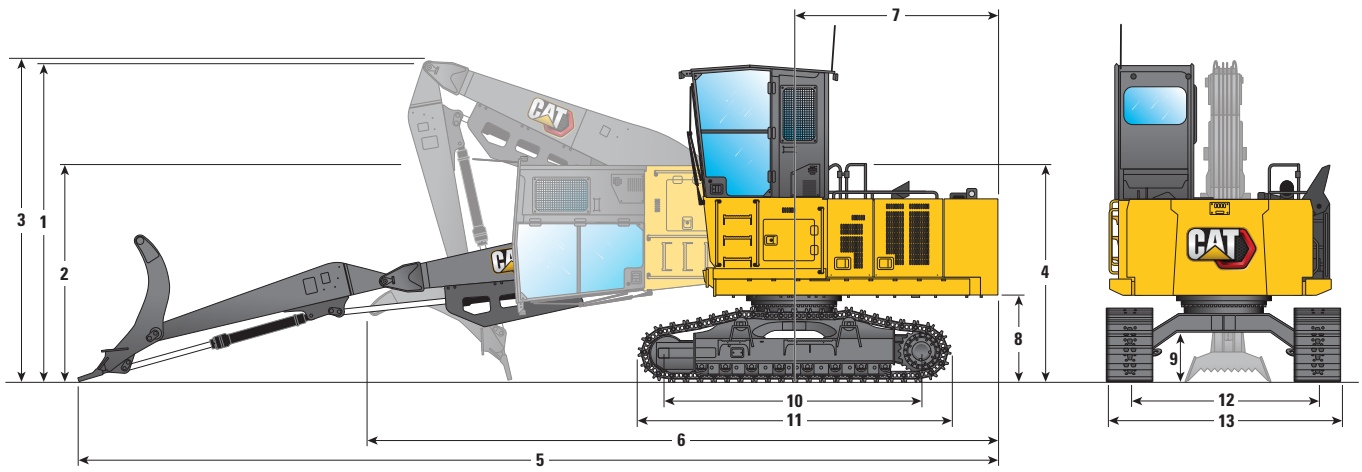
All dimensions are approximate.



Boom Option	Reach Boom 5.7 m (18'7")			
Stick Option	**Thumb Ready Stick 2.9 m (9'7")**			
Machine Height	**With Grouser**		**Without Grouser**	
1 Shipping Height (top of cab) – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
Machine Height (top of cab) 1219 mm (48") Riser	4730 mm	15'6"	4690 mm	15'5"
2 Handrail Height	3270 mm	10'9"	3230 mm	10'7"
Shipping Height – 1219 mm (48") Riser, tilted	3400 mm	11'2"	3360 mm	11'0"
3 Shipping Length (with stick and boom stretched out)	12 840 mm	42'2"	12 840 mm	42'2"
4 Shipping Length (with stick curled under boom)	9750 mm	32'0"	9750 mm	32'0"
5 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
6 Counterweight Clearance	1280 mm	4'2"	1240 mm	4'1"
7 Ground Clearance	750 mm	2'6"	710 mm	2'4"
8 Distance Between Idler/Sprocket Center	3790 mm	12'5"	3790 mm	12'5"
9 Track Length	4670 mm	15'4"	4670 mm	15'4"
10 Track Gauge	2790 mm	9'2"	2790 mm	9'2"
Undercarriage Pitch	203 mm	0'8"	203 mm	0'8"
11 Transport Width – 700 mm (28") Track Shoes	3490 mm	11'5"	3490 mm	11'5"
Bucket Type	GD		GD	
Bucket Capacity	1.43 m^3	1.87 yd^3	1.43 m^3	1.87 yd^3
Bucket Tip Radius	1574 mm	5'2"	1574 mm	5'2"

Dimensions – Log Loader (Under/Under)

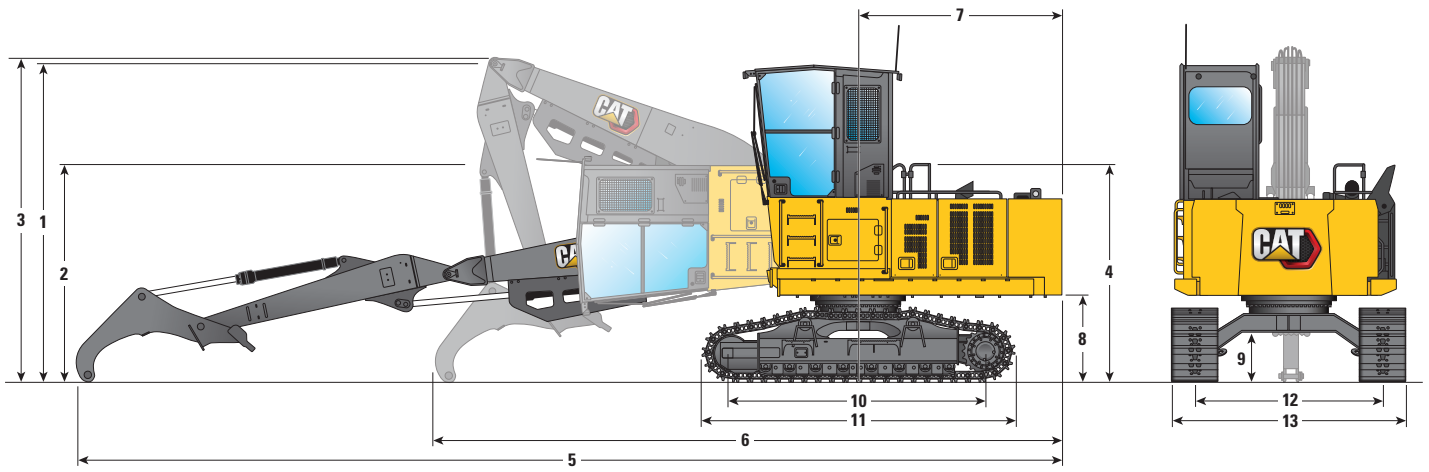
All dimensions are approximate.



Boom Option	Log Loader Boom 5.9 m (19'6")				Log Loader Boom 5.9 m (19'6")			
Stick Option	**Under/Under 3.5 m (11'6")**				**Under/Under Extended Reach 4.2 m (13'9")**			
Machine Height	**With Grouser**		**Without Grouser**		**With Grouser**		**Without Grouser**	
1 Machine Height (top of cab) 1219 mm (48") Riser	4730 mm	15'6"	4690 mm	15'5"	4730 mm	15'6"	4690 mm	15'5"
Top of Cab Height – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"	3680 mm	12'1"	3640 mm	11'11"
2 Shipping Height (top of cab) – Cab Tilted	3400 mm	11'2"	3360 mm	11'0"	3400 mm	11'2"	3360 mm	11'0"
Shipping Height (top of cab) – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"	3680 mm	12'1"	3640 mm	11'11"
3 Shipping Height (boom and heel retracted)	4800 mm	15'9"	4760 mm	15'7"	5650 mm	18'6"	5610 mm	18'5"
4 Handrail Height	3270 mm	10'9"	3230 mm	10'7"	3270 mm	10'9"	3230 mm	10'7"
5 Shipping Length (boom and heel stretched out)	13 690 mm	44'11"	13 690 mm	44'11"	14 390 mm	47'3"	14 390 mm	47'3"
6 Shipping Length (boom and heel retracted)	9060 mm	29'9"	9060 mm	29'9"	9110 mm	29'11"	9110 mm	29'11"
7 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"
8 Counterweight Clearance	1300 mm	4'3"	1260 mm	4'2"	1300 mm	4'3"	1260 mm	4'2"
9 Ground Clearance	755 mm	2'6"	715 mm	2'4"	755 mm	2'6"	715 mm	2'4"
10 Distance Between Idler/Sprocket Center	3790 mm	12'5"	3790 mm	12'5"	3790 mm	12'5"	3790 mm	12'5"
11 Track Length	4670 mm	15'4"	4670 mm	15'4"	4670 mm	15'4"	4670 mm	15'4"
12 Track Gauge	2790 mm	9'2"	2790 mm	9'2"	2790 mm	9'2"	2790 mm	9'2"
Undercarriage Pitch	203 mm	0'8"	203 mm	0'8"	203 mm	0'8"	203 mm	0'8"
13 Width – 700 mm (28") Track Shoes	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"

Dimensions – Log Loader (Over/Under)

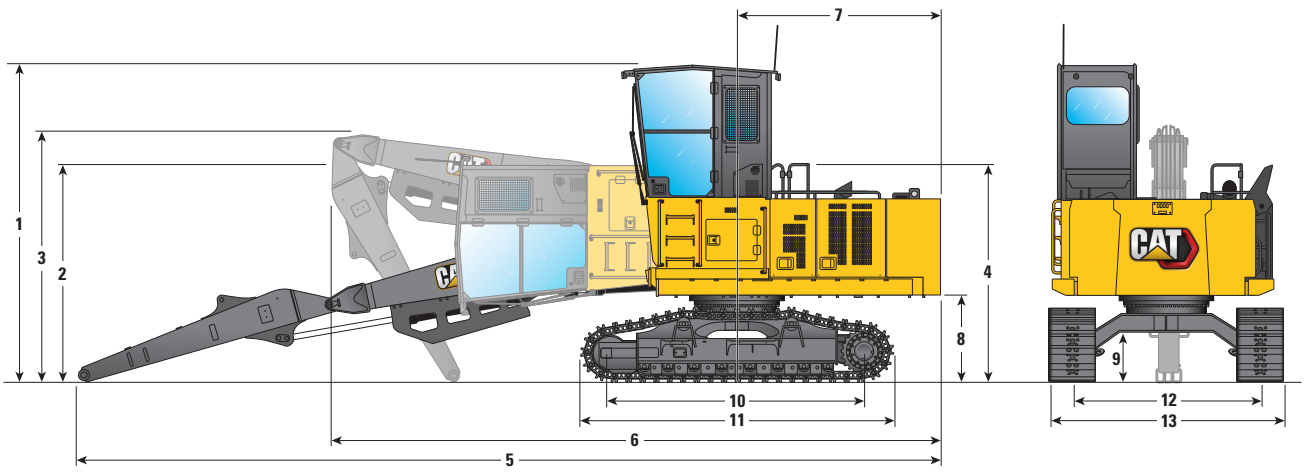
All dimensions are approximate.



Boom Option		Log Loader Boom 5.9 m (19'6")			
Stick Option		**Over/Under 3.8 m (12'6")**			
Machine Height		**With Grouser**		**Without Grouser**	
1	Machine Height (top of cab) 1219 mm (48") Riser	4730 mm	15'6"	4690 mm	15'5"
	Top of Cab Height – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
2	Shipping Height (top of cab) – Cab Tilted	3400 mm	11'2"	3360 mm	11'0"
	Shipping Height (top of cab) – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
3	Shipping Height (boom and heel retracted)	5020 mm	16'6"	4980 mm	16'4"
4	Handrail Height	3270 mm	10'9"	3230 mm	10'7"
5	Shipping Length (boom and heel stretched out)	14 700 mm	48'3"	14 700 mm	48'3"
6	Shipping Length (boom and heel retracted)	9350 mm	30'8"	9350 mm	30'8"
7	Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
8	Counterweight Clearance	1300 mm	4'3"	1260 mm	4'2"
9	Ground Clearance	755 mm	2'6"	715 mm	2'4"
10	Distance Between Idler/Sprocket Center	3790 mm	12'5"	3790 mm	12'5"
11	Track Length	4670 mm	15'4"	4670 mm	15'4"
12	Track Gauge	2790 mm	9'2"	2790 mm	9'2"
Undercarriage Pitch		203 mm	0'8"	203 mm	0'8"
13	Width – 700 mm (28") Track Shoes	3490 mm	11'5"	3490 mm	11'5"

Dimensions – Log Loader (Power Clam)

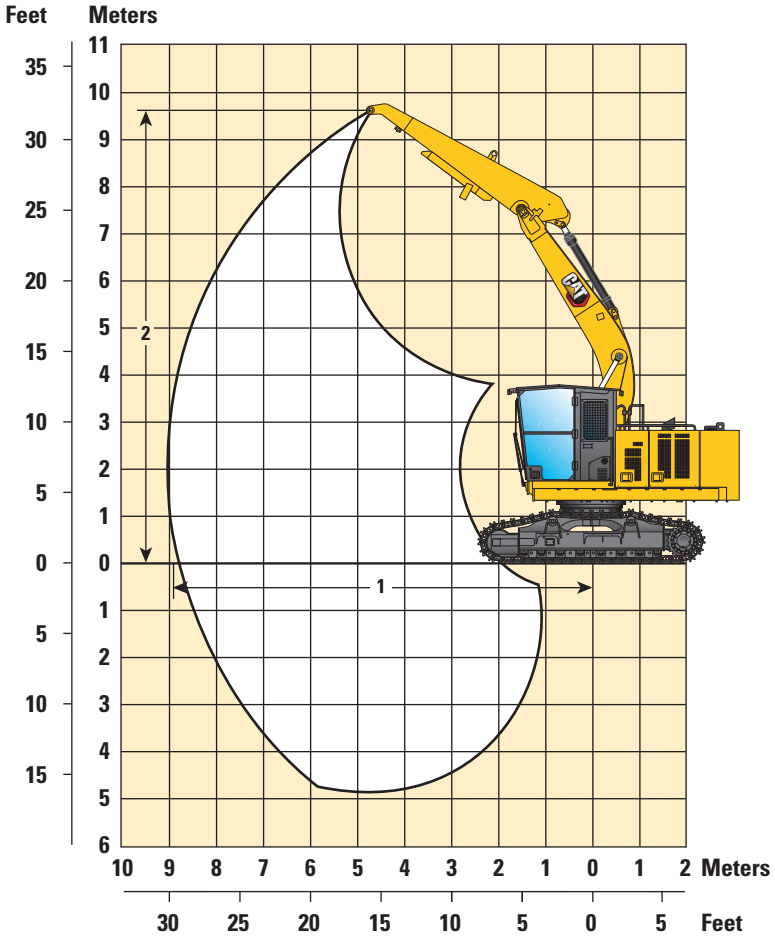
All dimensions are approximate.



Boom Option		Log Loader Boom 5.9 m (19'6")			
Stick Option		**Power Clam 3.8 m (12'6")**			
Machine Height		**With Grouser**		**Without Grouser**	
1	Machine Height (top of cab) 1219 mm (48") Riser	4730 mm	15'6"	4730 mm	15'6"
	Top of Cab Height – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
2	Shipping Height (top of cab) – Cab Tilted	3400 mm	11'2"	3360 mm	11'0"
	Shipping Height (top of cab) – 165 mm (6.5") fixed riser	3680 mm	12'1"	3640 mm	11'11"
3	Shipping Height (boom and heel retracted)	3770 mm	12'4"	3730 mm	12'3"
4	Handrail Height	3270 mm	10'9"	3230 mm	10'7"
5	Shipping Length (boom and heel stretched out)	12 830 mm	42'1"	12 830 mm	42'1"
6	Shipping Length (boom and heel retracted)	9120 mm	29'11"	9120 mm	29'11"
7	Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
8	Counterweight Clearance	1300 mm	4'3"	1260 mm	4'2"
9	Ground Clearance	755 mm	2'6"	715 mm	2'4"
10	Distance Between Idler/Sprocket Center	3790 mm	12'5"	3790 mm	12'5"
11	Track Length	4670 mm	15'4"	4670 mm	15'4"
12	Track Gauge	2790 mm	9'2"	2790 mm	9'2"
Undercarriage Pitch		203 mm	0'8"	203 mm	0'8"
13	Width – 700 mm (28") Track Shoes	3490 mm	11'5"	3490 mm	11'5"

Working Ranges and Forces – General Forestry (Processor)*

All dimensions are approximate.

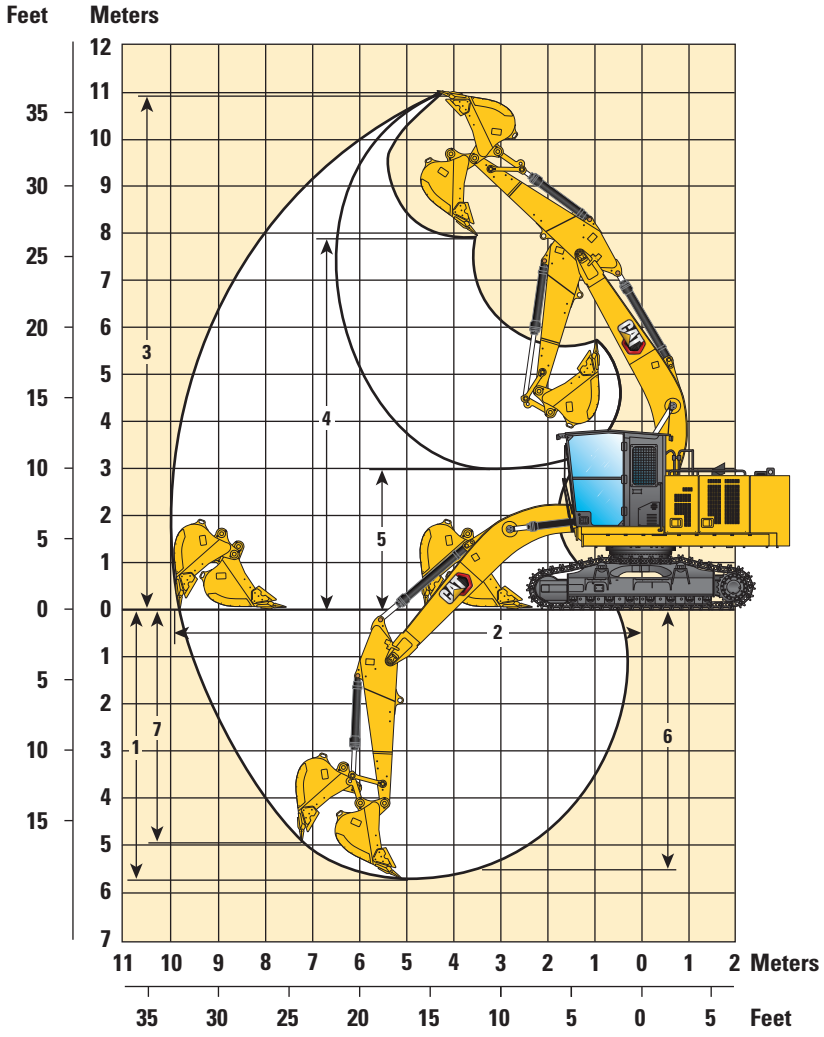


Boom Option	Reach Boom 5.7 m (18'7")	
Stick Option	**Drop Nose Stick 3.7 m (12'2")**	
1 Maximum Reach at Stick Nose at Ground Level	8800 mm	28'10"
Maximum Lift at Ground Level @ 4.5 m (15') Over Front and Side	11 250 kg	24,300 lb
2 Maximum Height at Stick Nose	9640 mm	31'8"

*Without processor installed

Working Ranges and Forces – General Forestry (Road Builder)

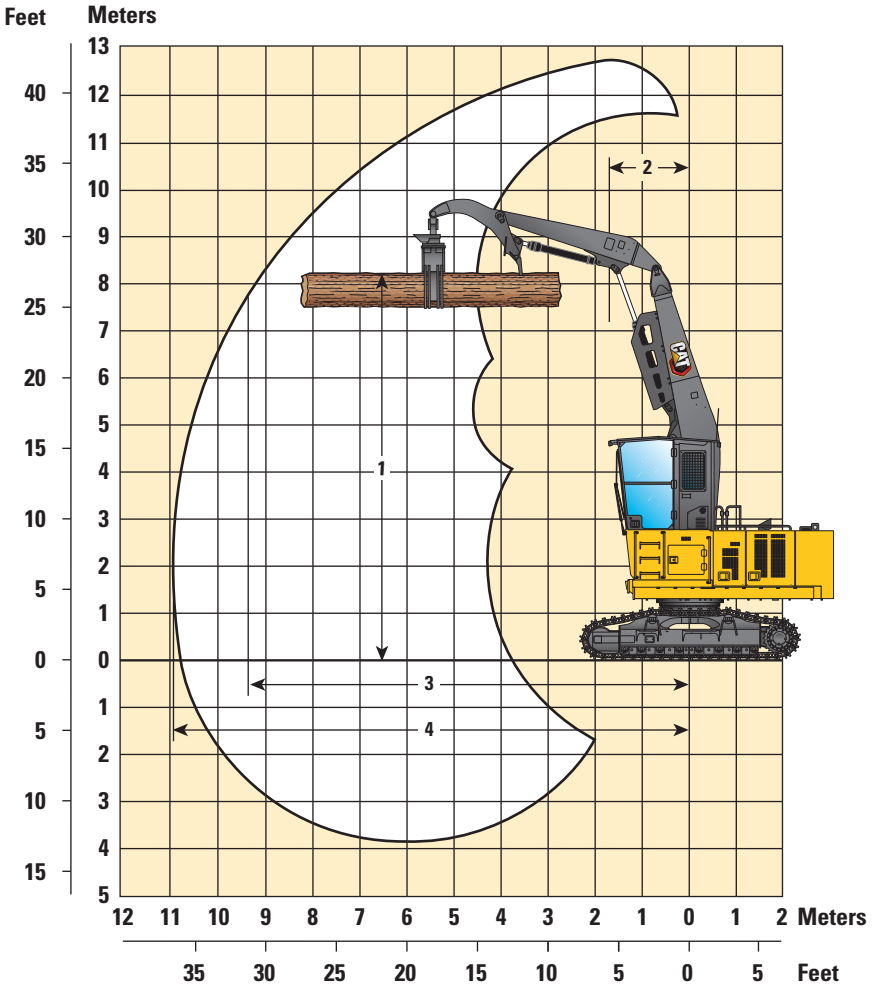
All dimensions are approximate.



Boom Option	Reach Boom 5.7 m (18'8")	
Stick Option	**Thumb Ready Stick 2.9 m (9'7")**	
1 Maximum Digging Depth	5720 mm	18'9"
2 Maximum Reach at Ground Level	9820 mm	32'3"
Maximum Lift at Ground Level @ 4.5 m (15') Over Side	11 500 kg	24,900 lb
3 Maximum Cutting Height	10 980 mm	36'0"
4 Maximum Loading Height	7870 mm	25'10"
5 Minimum Loading Height	2990 mm	9'9"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5550 mm	18'3"
7 Maximum Vertical Wall Digging Depth	4970 mm	16'4"
Bucket Digging Force (ISO)	140.51 kN	31,588 lbf
Stick Digging Force (ISO)	106.68 kN	23,983 lbf
Bucket Type	GD	
Bucket Capacity	1.43 m^3	1.87 yd^3
Bucket Tip Radius	1574 mm	5'2"

Working Ranges and Forces – Log Loader (Under/Under)*

All dimensions are approximate.

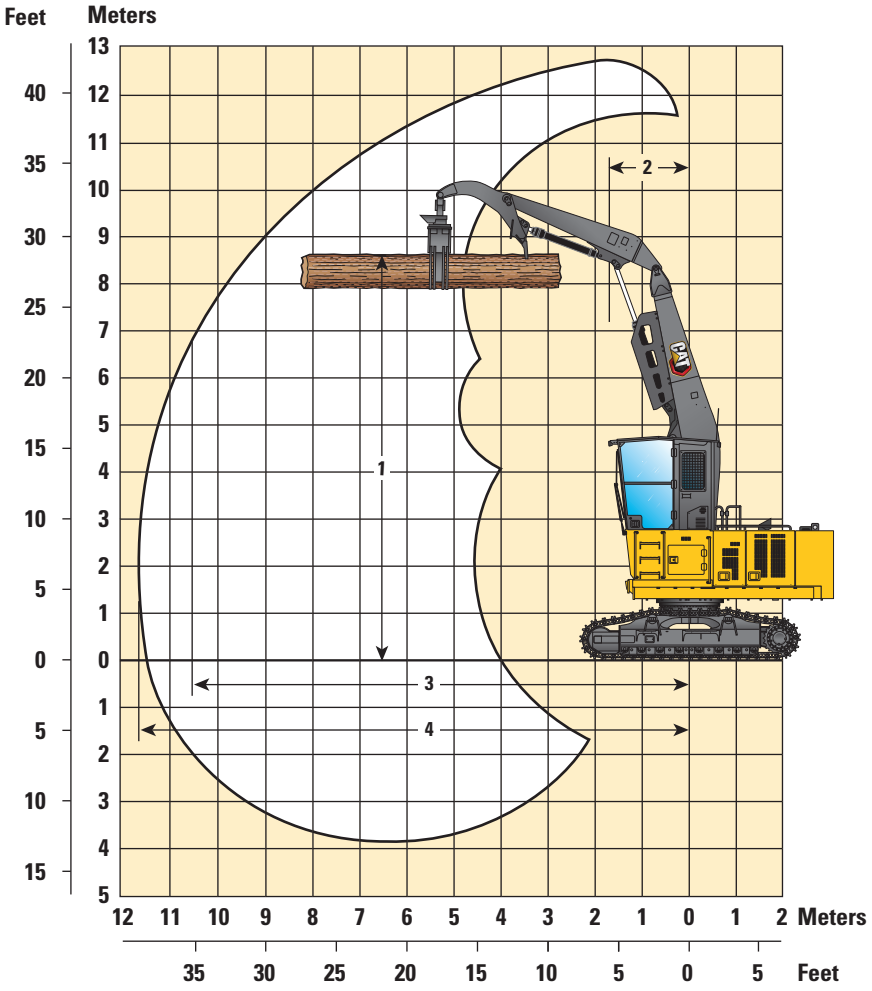


Boom Option	Reach Boom 5.9 m (19'6")	
Stick Option	**Under/Under 3.5 m (11'6")**	
1 Maximum Level Log Height	8300 mm	27'3"
2 Reach at Maximum Height	1620 mm	5'4"
Maximum Lift at Ground Level @ 4.5 m (15') Over Front (with live heel)	15 100 kg	34,850 lb
Maximum Lift at Ground Level @ 4.5 m (15') Over Side (with live heel)	13 150 kg	28,250 lb
3 Maximum Reach at Stick Nose at Ground Level	9370 mm	35'5"
4 Maximum Reach at Heel Nose	10 960 mm	35'11"

*Weight of grapple is not included and must be deducted from lift values.

Working Ranges and Forces – Log Loader (Under/Under, Extended Reach)*

All dimensions are approximate.

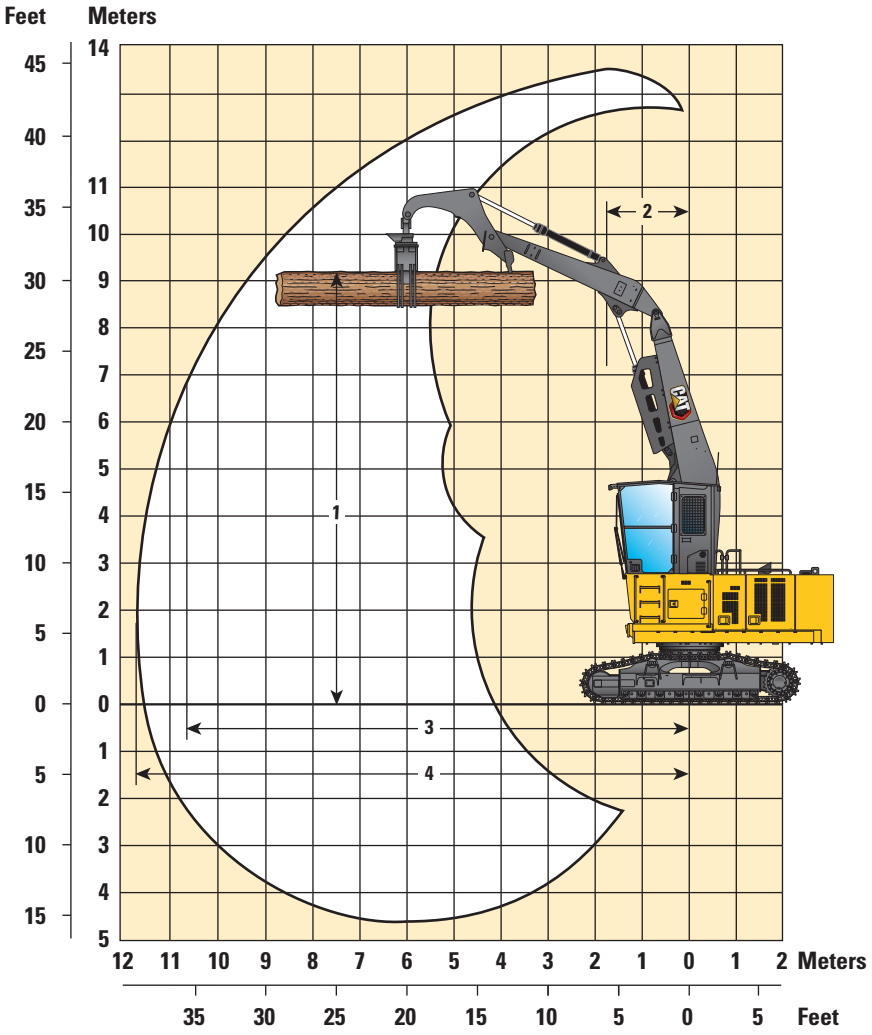


Boom Option	Reach Boom 5.9 m (19'6")	
Stick Option	**Under/Under Extended Reach 4.2 m (13'9")**	
1 Maximum Level Log Height	8600 mm	28'3"
2 Reach at Maximum Height	1780 mm	5'10"
Maximum Lift at Ground Level @ 4.5 m (15') Over Front (with live heel)	16 050 kg	35 400 lb
Maximum Lift at Ground Level @ 4.5 m (15') Over Side (with live heel)	13 700 kg	30 200 lb
3 Maximum Reach at Stick Nose at Ground Level	10 600 mm	34'9"
4 Maximum Reach at Heel Nose	11 660 mm	38'3"

*Weight of grapple is not included and must be deducted from lift values.

Working Ranges and Forces – Log Loader (Over/Under)*

All dimensions are approximate.

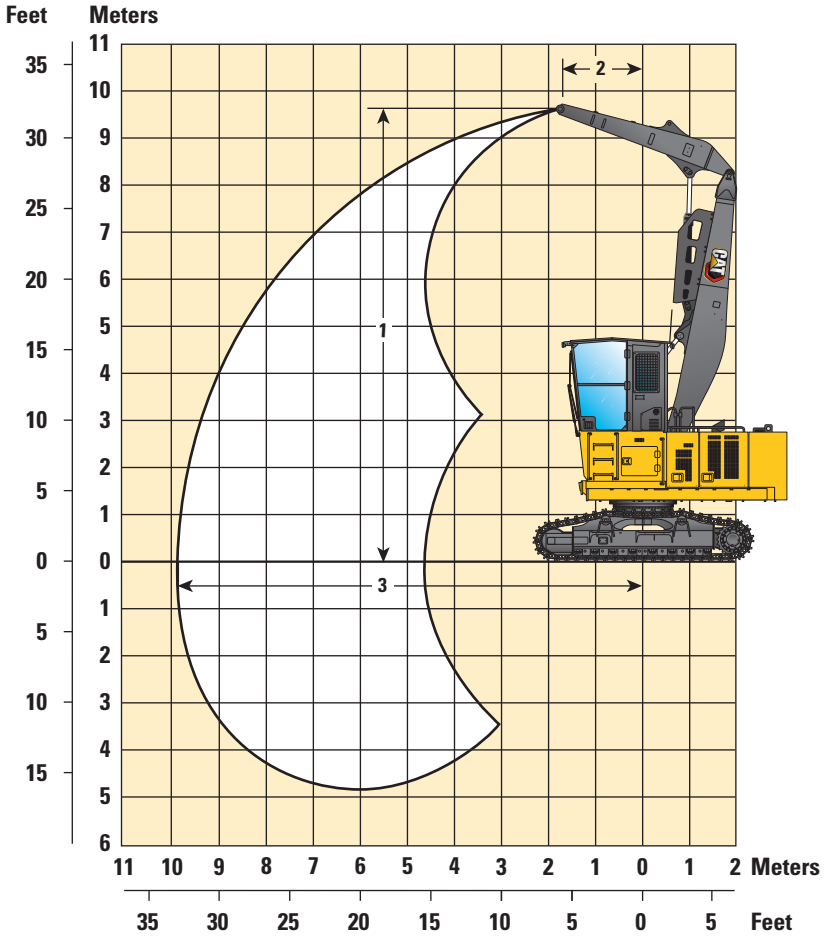


Boom Option	Reach Boom 5.9 m (19'6")	
Stick Option	**Over/Under 3.8 m (12'6")**	
1 Maximum Level Log Height	9220 mm	30'3"
2 Reach at Maximum Height	1690 mm	5'7"
Maximum Lift at Ground Level @ 4.5 m (15') Over Front (with live heel)	15 600 kg	34,400 lb
Maximum Lift at Ground Level @ 4.5 m (15') Over Side (with live heel)	12 810 kg	28,250 lb
3 Maximum Reach at Stick Nose at Ground Level	9690 mm	31'9"
4 Maximum Reach Heel Nose	11 710 mm	38'5"

*Weight of grapple is not included and must be deducted from lift values.

Working Ranges and Forces – Log Loader (Power Clam)*

All dimensions are approximate.

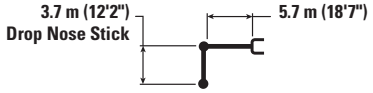


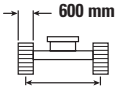
Boom Option		Reach Boom 5.9 m (19'6")
Stick Option		**Power Clam 3.8 m (12'6")**
1 Maximum Stick Nose Height	9880 mm	32'5"
2 Maximum Reach at Stick Nose Height	1690 mm	5'7"
Maximum Lift at Ground Level @ 4.5 m (15') Over Front and Side	10 600 kg	25,650 lb
3 Maximum Reach at Stick Nose at Ground Level	9690 mm	31'9"

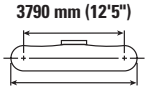
*Weight of grapple is not included and must be deducted from lift values.

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Attachment, Heavy Lift: On

General Forestry (full-fuel)



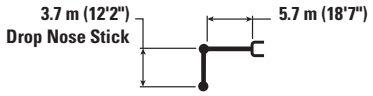


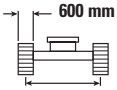


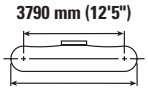
		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*4100 ***9,150**	*4100 ***9,150**	5670 **17'11"**
7500 mm **25'0"**	kg **lb**							*4600 ***10,200**	*4600 ***10,200**					*3700 ***8,200**	*3700 ***8,200**	7160 **23'1"**
6000 mm **20'0"**	kg **lb**							*4800 ***10,500**	*4800 ***10,500**	*4900 ***10,400**	*4900 ***10,400**			*3600 ***7,850**	*3600 ***7,850**	8100 **26'4"**
4500 mm **15'0"**	kg **lb**					*6000 ***12,900**	*6000 ***12,900**	*5450 ***11,900**	*5450 ***11,900**	*5150 ***11,300**	*5150 ***11,300**			*3600 ***7,900**	*3600 ***7,900**	8680 **28'4"**
3000 mm **10'0"**	kg **lb**			*11 950 ***25,450**	*11 950 ***25,450**	*8000 ***17,200**	*8000 ***17,200**	*6450 ***13,950**	*6450 ***13,950**	*5650 ***12,350**	*5650 ***12,350**			*3750 ***8,200**	*3750 ***8,200**	8980 **29'5"**
1500 mm **5'0"**	kg **lb**			*9600 ***22,400**	*9600 ***22,400**	*9950 ***21,500**	*9950 ***21,500**	*7450 ***16,150**	*7450 ***16,150**	*6200 ***13,500**	*6200 ***13,500**	*4100	*4100	*4000 ***8,800**	*4000 ***8,800**	9020 **29'6"**
0 mm **0'0"**	kg **lb**			*9650 ***21,900**	*9650 ***21,900**	*11 250 ***24,300**	*11 250 ***24,300**	*8250 ***17,850**	*8250 ***17,850**	*6650 ***14,450**	6600 **14,200**			*4450 ***9,800**	*4450 ***9,800**	8800 **28'10"**
–1500 mm **–5'0"**	kg **lb**	*8000 ***17,800**	*8000 ***17,800**	*12 700 ***28,700**	*12 700 ***28,700**	*11 650 ***25,250**	*11 650 ***25,250**	*8600 ***18,650**	*8600 ***18,650**	*6800 ***14,750**	6500 **14,050**			*5250 ***11,600**	*5250 ***11,600**	8300 **27'2"**
–3000 mm **–10'0"**	kg **lb**			*16 400 ***35,550**	*16 400 ***35,550**	*11 250 ***24,350**	*11 250 ***24,350**	*8400 ***18,100**	*8400 ***18,100**					*6450 ***14,200**	*6450 ***14,200**	7470 **24'4"**
–4500 mm **–15'0"**	kg **lb**					*9800 ***20,950**	*9800 ***20,950**	*7100	*7100					*6800 ***15,050**	*6800 ***15,050**	6170 **19'11"**

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Attachment, Heavy Lift: On

General Forestry (full-fuel)







		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*4100 ***9,150**	*4100 ***9,150**	5670 **17'11"**
7500 mm **25'0"**	kg **lb**							*4600 ***10,200**	*4600 ***10,200**					*3700 ***8,200**	*3700 ***8,200**	7160 **23'1"**
6000 mm **20'0"**	kg **lb**							*4800 ***10,500**	*4800 ***10,500**	*4900 ***10,400**	*4900 ***10,400**			*3600 ***7,850**	*3600 ***7,850**	8100 **26'4"**
4500 mm **15'0"**	kg **lb**					*6000 ***12,900**	*6000 ***12,900**	*5450 ***11,900**	*5450 ***11,900**	*5150 ***11,300**	*5150 ***11,300**			*3600 ***7,900**	*3600 ***7,900**	8680 **28'4"**
3000 mm **10'0"**	kg **lb**			*11 950 ***25,450**	*11 950 ***25,450**	*8000 ***17,200**	*8000 ***17,200**	*6450 ***13,950**	*6450 ***13,950**	*5650 ***12,350**	*5650 ***12,350**			*3750 ***8,200**	*3750 ***8,200**	8980 **29'5"**
1500 mm **5'0"**	kg **lb**			*9600 ***22,400**	*9600 ***22,400**	*9950 ***21,500**	*9950 ***21,500**	*7450 ***16,150**	*7450 ***16,150**	*6200 ***13,500**	*6200 ***13,500**	*4100	*4100	*4000 ***8,800**	*4000 ***8,800**	9020 **29'6"**
0 mm **0'0"**	kg **lb**			*9650 ***21,900**	*9650 ***21,900**	*11 250 ***24,300**	*11 250 ***24,300**	*8250 ***17,850**	*8250 ***17,850**	*6650 ***14,450**	6600 **14,200**			*4450 ***9,800**	*4450 ***9,800**	8800 **28'10"**
–1500 mm **–5'0"**	kg **lb**	*8000 ***17,800**	*8000 ***17,800**	*12 700 ***28,700**	*12 700 ***28,700**	*11 650 ***25,250**	*11 650 ***25,250**	*8600 ***18,650**	*8600 ***18,650**	*6800 ***14,750**	6550 **14,100**			*5250 ***11,600**	*5250 ***11,600**	8300 **27'2"**
–3000 mm **–10'0"**	kg **lb**			*16 400 ***35,550**	*16 400 ***35,550**	*11 250 ***24,350**	*11 250 ***24,350**	*8400 ***18,100**	*8400 ***18,100**					*6450 ***14,200**	*6450 ***14,200**	7470 **24'4"**
–4500 mm **–15'0"**	kg **lb**					*9800 ***20,950**	*9800 ***20,950**	*7100	*7100					*6800 ***15,050**	*6800 ***15,050**	6170 **19'11"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

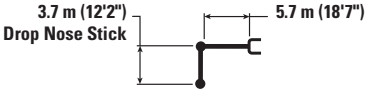
Lift capacity stays with ±5% for all available track shoes.

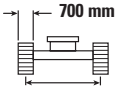
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

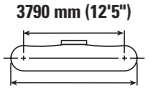
FM538 GF/FM538 LL Forest Machine Specifications

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Attachment, Heavy Lift: On

General Forestry (full-fuel)



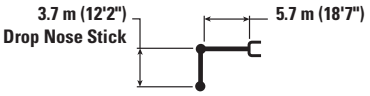


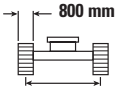


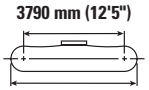
		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*4100 ***9,150**	*4100 ***9,150**	5670 **17'11"**
7500 mm **25'0"**	kg **lb**							*4600 ***10,200**	*4600 ***10,200**					*3700 ***8,200**	*3700 ***8,200**	7160 **23'1"**
6000 mm **20'0"**	kg **lb**							*4800 ***10,500**	*4800 ***10,500**	*4900 ***10,400**	*4900 ***10,400**			*3600 ***7,850**	*3600 ***7,850**	8100 **26'4"**
4500 mm **15'0"**	kg **lb**					*6000 ***12,900**	*6000 ***12,900**	*5450 ***11,900**	*5450 ***11,900**	*5150 ***11,300**	*5150 ***11,300**			*3600 ***7,900**	*3600 ***7,900**	8680 **28'4"**
3000 mm **10'0"**	kg **lb**			*11 950 ***25,450**	*11 950 ***25,450**	*8000 ***17,200**	*8000 ***17,200**	*6450 ***13,950**	*6450 ***13,950**	*5650 ***12,350**	*5650 ***12,350**			*3750 ***8,200**	*3750 ***8,200**	8980 **29'5"**
1500 mm **5'0"**	kg **lb**			*9600 ***22,400**	*9600 ***22,400**	*9950 ***21,500**	*9950 ***21,500**	*7450 ***16,150**	*7450 ***16,150**	*6200 ***13,500**	*6200 ***13,500**	*4100	*4100	*4000 ***8,800**	*4000 ***8,800**	9020 **29'6"**
0 mm **0'0"**	kg **lb**			*9650 ***21,900**	*9650 ***21,900**	*11 250 ***24,300**	*11 250 ***24,300**	*8250 ***17,850**	*8250 ***17,850**	*6650 ***14,450**	*6650 **14,400**			*4450 ***9,800**	*4450 ***9,800**	8800 **28'10"**
–1500 mm **–5'0"**	kg **lb**	*8000 ***17,800**	*8000 ***17,800**	*12 700 ***28,700**	*12 700 ***28,700**	*11 650 ***25,250**	*11 650 ***25,250**	*8600 ***18,650**	*8600 ***18,650**	*6800 ***14,750**	6600 **14,250**			*5250 ***11,600**	*5250 ***11,600**	8300 **27'2"**
–3000 mm **–10'0"**	kg **lb**			*16 400 ***35,550**	*16 400 ***35,550**	*11 250 ***24,350**	*11 250 ***24,350**	*8400 ***18,100**	*8400 ***18,100**					*6450 ***14,200**	*6450 ***14,200**	7470 **24'4"**
–4500 mm **–15'0"**	kg **lb**					*9800 ***20,950**	*9800 ***20,950**	*7100	*7100					*6800 ***15,050**	*6800 ***15,050**	6170 **19'11"**

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Attachment, Heavy Lift: On

General Forestry (full-fuel)







		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*4100 ***9,150**	*4100 ***9,150**	5670 **17'11"**
7500 mm **25'0"**	kg **lb**							*4600 ***10,200**	*4600 ***10,200**					*3700 ***8,200**	*3700 ***8,200**	7160 **23'1"**
6000 mm **20'0"**	kg **lb**							*4800 ***10,500**	*4800 ***10,500**	*4900 ***10,400**	*4900 ***10,400**			*3600 ***7,850**	*3600 ***7,850**	8100 **26'4"**
4500 mm **15'0"**	kg **lb**					*6000 ***12,900**	*6000 ***12,900**	*5450 ***11,900**	*5450 ***11,900**	*5150 ***11,300**	*5150 ***11,300**			*3600 ***7,900**	*3600 ***7,900**	8680 **28'4"**
3000 mm **10'0"**	kg **lb**			*11 950 ***25,450**	*11 950 ***25,450**	*8000 ***17,200**	*8000 ***17,200**	*6450 ***13,950**	*6450 ***13,950**	*5650 ***12,350**	*5650 ***12,350**			*3750 ***8,200**	*3750 ***8,200**	8980 **29'5"**
1500 mm **5'0"**	kg **lb**			*9600 ***22,400**	*9600 ***22,400**	*9950 ***21,500**	*9950 ***21,500**	*7450 ***16,150**	*7450 ***16,150**	*6200 ***13,500**	*6200 ***13,500**	*4100	*4100	*4000 ***8,800**	*4000 ***8,800**	9020 **29'6"**
0 mm **0'0"**	kg **lb**			*9650 ***21,900**	*9650 ***21,900**	*11 250 ***24,300**	*11 250 ***24,300**	*8250 ***17,850**	*8250 ***17,850**	*6650 ***14,450**	*6650 ***14,450**			*4450 ***9,800**	*4450 ***9,800**	8800 **28'10"**
–1500 mm **–5'0"**	kg **lb**	*8000 ***17,800**	*8000 ***17,800**	*12 700 ***28,700**	*12 700 ***28,700**	*11 650 ***25,250**	*11 650 ***25,250**	*8600 ***18,650**	*8600 ***18,650**	*6800 ***14,750**	6650 **14,300**			*5250 ***11,600**	*5250 ***11,600**	8300 **27'2"**
–3000 mm **–10'0"**	kg **lb**			*16 400 ***35,550**	*16 400 ***35,550**	*11 250 ***24,350**	*11 250 ***24,350**	*8400 ***18,100**	*8400 ***18,100**					*6450 ***14,200**	*6450 ***14,200**	7470 **24'4"**
–4500 mm **–15'0"**	kg **lb**					*9800 ***20,950**	*9800 ***20,950**	*7100	*7100					*6800 ***15,050**	*6800 ***15,050**	6170 **19'11"**

* **ISO 10567:2007**

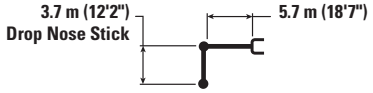
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

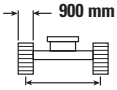
Lift capacity stays with ±5% for all available track shoes.

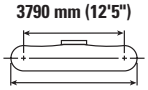
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Attachment, Heavy Lift: On

General Forestry (full-fuel)



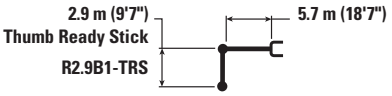


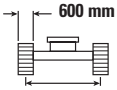


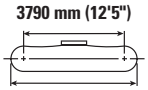
		1500 mm/5'0"		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
																mm ft/in
9000 mm 30'0"	kg lb													*4100 *9,150	*4100 *9,150	5670 17'11"
7500 mm 25'0"	kg lb							*4600 *10,200	*4600 *10,200					*3700 *8,200	*3700 *8,200	7160 23'1"
6000 mm 20'0"	kg lb							*4800 *10,500	*4800 *10,500	*4900 *10,400	*4900 *10,400			*3600 *7,850	*3600 *7,850	8100 26'4"
4500 mm 15'0"	kg lb					*6000 *12,900	*6000 *12,900	*5450 *11,900	*5450 *11,900	*5150 *11,300	*5150 *11,300			*3600 *7,900	*3600 *7,900	8680 28'4"
3000 mm 10'0"	kg lb			*11 950 *25,450	*11 950 *25,450	*8000 *17,200	*8000 *17,200	*6450 *13,950	*6450 *13,950	*5650 *12,350	*5650 *12,350			*3750 *8,200	*3750 *8,200	8980 29'5"
1500 mm 5'0"	kg lb			*9600 *22,400	*9600 *22,400	*9950 *21,500	*9950 *21,500	*7450 *16,150	*7450 *16,150	*6200 *13,500	*6200 *13,500	*4100	*4100	*4000 *8,800	*4000 *8,800	9020 29'6"
0 mm 0'0"	kg lb			*9650 *21,900	*9650 *21,900	*11 250 *24,300	*11 250 *24,300	*8250 *17,850	*8250 *17,850	*6650 *14,450	*6650 *14,450			*4450 *9,800	*4450 *9,800	8800 28'10"
–1500 mm –5'0"	kg lb	*8000 *17,800	*8000 *17,800	*12 700 *28,700	*12 700 *28,700	*11 650 *25,250	*11 650 *25,250	*8600 *18,650	*8600 *18,650	*6800 *14,750	*6800 14,750			*5250 *11,600	*5250 *11,600	8300 27'2"
–3000 mm –10'0"	kg lb			*16 400 *35,550	*16 400 *35,550	*11 250 *24,350	*11 250 *24,350	*8400 *18,100	*8400 *18,100					*6450 *14,200	*6450 *14,200	7470 24'4"
–4500 mm –15'0"	kg lb					*9800 *20,950	*9800 *20,950	*7100	*7100					*6800 *15,050	*6800 *15,050	6170 19'11"

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Bucket, Heavy Lift: On

General Forestry (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
9000 mm 30'0"	kg lb			*5550	*5550					*4900 *11,100	*4900 *11,100	4670 14'6"
7500 mm 25'0"	kg lb					*5400 *11,100	*5400 *11,100			*4150 *9,250	*4150 *9,250	6400 20'7"
6000 mm 20'0"	kg lb			*5600 *12,200	*5600 *12,200	*5400 *11,850	*5400 *11,850			*3900 *8,600	*3900 *8,600	7440 24'2"
4500 mm 15'0"	kg lb	*9300 *19,750	*9300 *19,750	*7000 *15,100	*7000 *15,100	*6050 *13,100	*6050 *13,100	*5600 *12,250	*5600 *12,250	*3850 *8,500	*3850 *8,500	8080 26'4"
3000 mm 10'0"	kg lb			*8950 *19,300	*8950 *19,300	*6950 *15,000	*6950 *15,000	*6000 *13,000	*6000 *13,000	*4000 *8,750	*4000 *8,750	8390 27'6"
1500 mm 5'0"	kg lb			*10 650 *23,000	*10 650 *23,000	*7800 *16,950	*7800 *16,950	*6400 *13,950	*6400 *13,950	*4250 *9,350	*4250 *9,350	8430 27'7"
0 mm 0'0"	kg lb	*7550 *17,250	*7550 *17,250	*11 500 *24,900	*11 500 *24,900	*8400 *18,200	*8400 *18,200	*6700 *14,500	6450 13,900	*4750 *10,450	*4750 *10,450	8200 26'10"
–1500 mm –5'0"	kg lb	*12 750 *28,850	*12 750 *28,850	*11 450 *24,800	*11 450 *24,800	*8500 *18,350	*8500 *18,350	*6550 *13,200	6450 *13,200	*5650 *12,450	*5650 *12,450	7660 25'0"
–3000 mm –10'0"	kg lb	*14 850 *32,100	*14 850 *32,100	*10 550 *22,750	*10 550 *22,750	*7800 *16,700	*7800 *16,700			*6600 *14,500	*6600 *14,500	6750 22'0"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

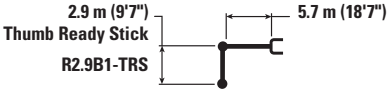
Lift capacity stays with ±5% for all available track shoes.

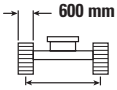
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

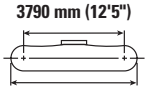
FM538 GF/FM538 LL Forest Machine Specifications

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Bucket, Heavy Lift: On

General Forestry (full-fuel)



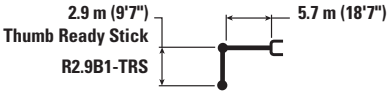


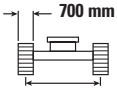


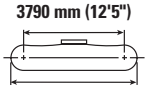
		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
9000 mm 30'0"	kg lb			*5550	*5550					*4900 *11,100	*4900 *11,100	4670 14'6"
7500 mm 25'0"	kg lb					*5400 *11,100	*5400 *11,100			*4150 *9,250	*4150 *9,250	6400 20'7"
6000 mm 20'0"	kg lb			*5600 *12,200	*5600 *12,200	*5400 *11,850	*5400 *11,850			*3900 *8,600	*3900 *8,600	7440 24'2"
4500 mm 15'0"	kg lb	*9300 *19,750	*9300 *19,750	*7000 *15,100	*7000 *15,100	*6050 *13,100	*6050 *13,100	*5600 *12,250	*5600 *12,250	*3850 *8,500	*3850 *8,500	8080 26'4"
3000 mm 10'0"	kg lb			*8950 *19,300	*8950 *19,300	*6950 *15,000	*6950 *15,000	*6000 *13,000	*6000 *13,000	*4000 *8,750	*4000 *8,750	8390 27'6"
1500 mm 5'0"	kg lb			*10 650 *23,000	*10 650 *23,000	*7800 *16,950	*7800 *16,950	*6400 *13,950	*6400 *13,950	*4250 *9,350	*4250 *9,350	8430 27'7"
0 mm 0'0"	kg lb	*7550 *17,250	*7550 *17,250	*11 500 *24,900	*11 500 *24,900	*8400 *18,200	*8400 *18,200	*6700 *14,500	6450 13,900	*4750 *10,450	*4750 *10,450	8200 26'10"
–1500 mm –5'0"	kg lb	*12 750 *28,850	*12 750 *28,850	*11 450 *24,800	*11 450 *24,800	*8500 *18,350	*8500 *18,350	*6550 *13,200	6450 *13,200	*5650 *12,450	*5650 *12,450	7660 25'0"
–3000 mm –10'0"	kg lb	*14 850 *32,100	*14 850 *32,100	*10 550 *22,750	*10 550 *22,750	*7800 *16,700	*7800 *16,700			*6600 *14,500	*6600 *14,500	6750 22'0"

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Bucket, Heavy Lift: On

General Forestry (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
9000 mm 30'0"	kg lb			*5550	*5550					*4900 *11,100	*4900 *11,100	4670 14'6"
7500 mm 25'0"	kg lb					*5400 *11,100	*5400 *11,100			*4150 *9,250	*4150 *9,250	6400 20'7"
6000 mm 20'0"	kg lb			*5600 *12,200	*5600 *12,200	*5400 *11,850	*5400 *11,850			*3900 *8,600	*3900 *8,600	7440 24'2"
4500 mm 15'0"	kg lb	*9300 *19,750	*9300 *19,750	*7000 *15,100	*7000 *15,100	*6050 *13,100	*6050 *13,100	*5600 *12,250	*5600 *12,250	*3850 *8,500	*3850 *8,500	8080 26'4"
3000 mm 10'0"	kg lb			*8950 *19,300	*8950 *19,300	*6950 *15,000	*6950 *15,000	*6000 *13,000	*6000 *13,000	*4000 *8,750	*4000 *8,750	8390 27'6"
1500 mm 5'0"	kg lb			*10 650 *23,000	*10 650 *23,000	*7800 *16,950	*7800 *16,950	*6400 *13,950	*6400 *13,950	*4250 *9,350	*4250 *9,350	8430 27'7"
0 mm 0'0"	kg lb	*7550 *17,250	*7550 *17,250	*11 500 *24,900	*11 500 *24,900	*8400 *18,200	*8400 *18,200	*6700 *14,500	6500 14,050	*4750 *10,450	*4750 *10,450	8200 26'10"
–1500 mm –5'0"	kg lb	*12 750 *28,850	*12 750 *28,850	*11 450 *24,800	*11 450 *24,800	*8500 *18,350	*8500 *18,350	*6550 *13,200	6500 *13,200	*5650 *12,450	*5650 *12,450	7660 25'0"
–3000 mm –10'0"	kg lb	*14 850 *32,100	*14 850 *32,100	*10 550 *22,750	*10 550 *22,750	*7800 *16,700	*7800 *16,700			*6600 *14,500	*6600 *14,500	6750 22'0"

* ISO 10567:2007

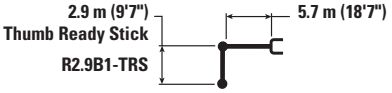
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

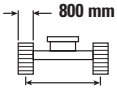
Lift capacity stays with ±5% for all available track shoes.

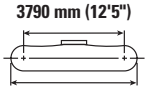
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Bucket, Heavy Lift: On

General Forestry (full-fuel)



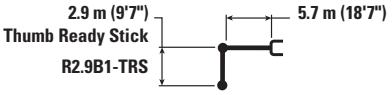


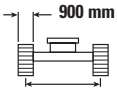


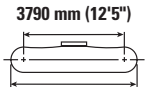
		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
9000 mm 30'0"	kg lb			*5550	*5550					*4900 *11,100	*4900 *11,100	4670 14'6"
7500 mm 25'0"	kg lb					*5400 *11,100	*5400 *11,100			*4150 *9,250	*4150 *9,250	6400 20'7"
6000 mm 20'0"	kg lb			*5600 *12,200	*5600 *12,200	*5400 *11,850	*5400 *11,850			*3900 *8,600	*3900 *8,600	7440 24'2"
4500 mm 15'0"	kg lb	*9300 *19,750	*9300 *19,750	*7000 *15,100	*7000 *15,100	*6050 *13,100	*6050 *13,100	*5600 *12,250	*5600 *12,250	*3850 *8,500	*3850 *8,500	8080 26'4"
3000 mm 10'0"	kg lb			*8950 *19,300	*8950 *19,300	*6950 *15,000	*6950 *15,000	*6000 *13,000	*6000 *13,000	*4000 *8,750	*4000 *8,750	8390 27'6"
1500 mm 5'0"	kg lb			*10 650 *23,000	*10 650 *23,000	*7800 *16,950	*7800 *16,950	*6400 *13,950	*6400 *13,950	*4250 *9,350	*4250 *9,350	8430 27'7"
0 mm 0'0"	kg lb	*7550 *17,250	*7550 *17,250	*11 500 *24,900	*11 500 *24,900	*8400 *18,200	*8400 *18,200	*6700 *14,500	6550 14,150	*4750 *10,450	*4750 *10,450	8200 26'10"
–1500 mm –5'0"	kg lb	*12 750 *28,850	*12 750 *28,850	*11 450 *24,800	*11 450 *24,800	*8500 *18,350	*8500 *18,350	*6550 *13,200	6550 *13,200	*5650 *12,450	*5650 *12,450	7660 25'0"
–3000 mm –10'0"	kg lb	*14 850 *32,100	*14 850 *32,100	*10 550 *22,750	*10 550 *22,750	*7800 *16,700	*7800 *16,700			*6600 *14,500	*6600 *14,500	6750 22'0"

Reach Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Bucket, Heavy Lift: On

General Forestry (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"				
												mm ft/in
9000 mm 30'0"	kg lb			*5550	*5550					*4900 *11,100	*4900 *11,100	4670 14'6"
7500 mm 25'0"	kg lb					*5400 *11,100	*5400 *11,100			*4150 *9,250	*4150 *9,250	6400 20'7"
6000 mm 20'0"	kg lb			*5600 *12,200	*5600 *12,200	*5400 *11,850	*5400 *11,850			*3900 *8,600	*3900 *8,600	7440 24'2"
4500 mm 15'0"	kg lb	*9300 *19,750	*9300 *19,750	*7000 *15,100	*7000 *15,100	*6050 *13,100	*6050 *13,100	*5600 *12,250	*5600 *12,250	*3850 *8,500	*3850 *8,500	8080 26'4"
3000 mm 10'0"	kg lb			*8950 *19,300	*8950 *19,300	*6950 *15,000	*6950 *15,000	*6000 *13,000	*6000 *13,000	*4000 *8,750	*4000 *8,750	8390 27'6"
1500 mm 5'0"	kg lb			*10 650 *23,000	*10 650 *23,000	*7800 *16,950	*7800 *16,950	*6400 *13,950	*6400 *13,950	*4250 *9,350	*4250 *9,350	8430 27'7"
0 mm 0'0"	kg lb	*7550 *17,250	*7550 *17,250	*11 500 *24,900	*11 500 *24,900	*8400 *18,200	*8400 *18,200	*6700 *14,500	*6700 *14,500	*4750 *10,450	*4750 *10,450	8200 26'10"
–1500 mm –5'0"	kg lb	*12 750 *28,850	*12 750 *28,850	*11 450 *24,800	*11 450 *24,800	*8500 *18,350	*8500 *18,350	*6550 *13,200	*6550 *13,200	*5650 *12,450	*5650 *12,450	7660 25'0"
–3000 mm –10'0"	kg lb	*14 850 *32,100	*14 850 *32,100	*10 550 *22,750	*10 550 *22,750	*7800 *16,700	*7800 *16,700			*6600 *14,500	*6600 *14,500	6750 22'0"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

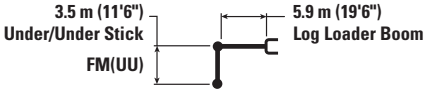
Lift capacity stays with ±5% for all available track shoes.

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

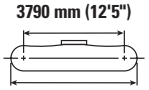
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/**in**
12 000 mm **40'0"**	kg **lb**											*9350 ***22,900**	*9350 ***22,900**	4390 **12'9"**
10 500 mm **35'0"**	kg **lb**			*8950 ***18,850**	*8950 ***18,850**							*6100 ***13,850**	*6100 ***13,850**	6900 **21'11"**
9000 mm **30'0"**	kg **lb**			*9150 ***20,100**	*9150 ***20,100**	*8250 ***17,300**	6850 **14,650**					*5000 ***11,150**	*5000 ***11,150**	8440 **27'3"**
7500 mm **25'0"**	kg **lb**			*9050 ***19,750**	*9050 ***19,750**	*8200 ***17,900**	6950 **14,900**	6850 ***14,000**	5100 **10,900**			*4450 ***9,900**	*4450 ***9,900**	9490 **30'10"**
6000 mm **20'0"**	kg **lb**			*9400 ***20,450**	*9400 ***20,450**	*8350 ***18,150**	6900 **14,850**	6900 **14,750**	5150 **11,000**			*4150 ***9,200**	4100 **9,000**	10 220 **33'4"**
4500 mm **15'0"**	kg **lb**	*7850 ***17,600**	*7850 ***17,600**	*10 150 ***22,000**	9600 **20,700**	*8650 ***18,800**	6800 **14,600**	6800 **14,650**	5100 **10,900**	5300 ***8,850**	3950 **8,350**	*4000 ***8,800**	3800 **8,350**	10 690 **35'0"**
3000 mm **10'0"**	kg **lb**			*11 050 ***23,900**	9250 **19,900**	8900 **19,150**	6600 **14,150**	6700 **14,450**	5000 **10,700**	5300 **11,350**	3900 **8,350**	*3950 ***8,700**	3650 **8,050**	10 930 **35'10"**
1500 mm **5'0"**	kg **lb**			*11 750 ***25,400**	8850 **19,000**	8700 **18,650**	6400 **13,700**	6600 **14,200**	4900 **10,500**	5250 **11,250**	3850 **8,300**	*4000 ***8,800**	3650 **8,000**	10 960 **35'11"**
0 mm **0'0"**	kg **lb**	*15 100 ***34,850**	13 000 **27,900**	*11 800 **25,500**	8500 **18,300**	8500 **18,250**	6200 **13,350**	6500 **14,000**	4800 **10,300**	*5050 ***10,100**	3850 **8,300**	*4050 ***8,850**	3750 **8,200**	10 780 **35'4"**
–1500 mm **–5'0"**	kg **lb**	*11 750 ***27,800**	*11 750 **27,250**	*11 000 ***23,750**	8300 **17,900**	8350 **18,000**	6100 **13,100**	*6300 ***13,400**	4750 **10,200**			*4000 ***8,850**	4000 **8,850**	10 200 **33'5"**
–3000 mm **–10'0"**	kg **lb**	*11 850 ***25,450**	*11 850 ***25,450**	*9100 ***19,500**	8250 **17,750**	*6800 ***14,450**	6050 **13,050**					*4800 ***10,650**	*4800 ***10,650**	8800 **28'7"**

* **ISO 10567:2007**

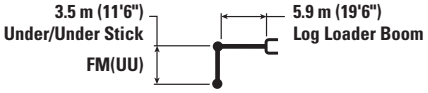
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

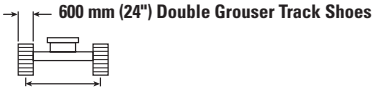
Lift capacity stays with ±5% for all available track shoes.

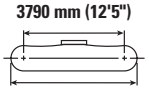
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm **40'0"**	kg **lb**											*9350 ***22,900**	*9350 ***22,900**	4390 **12'9"**
10 500 mm **35'0"**	kg **lb**			*8950 ***18,850**	*8950 ***18,850**							*6100 ***13,850**	*6100 ***13,850**	6900 **21'11"**
9000 mm **30'0"**	kg **lb**			*9150 ***20,100**	*9150 ***20,100**	*8250 ***17,300**	6900 **14,700**					*5000 ***11,150**	*5000 ***11,150**	8440 **27'3"**
7500 mm **25'0"**	kg **lb**			*9050 ***19,750**	*9050 ***19,750**	*8200 ***17,900**	6950 **14,950**	6850 ***14,000**	5100 **10,900**			*4450 ***9,900**	*4450 ***9,900**	9490 **30'10"**
6000 mm **20'0"**	kg **lb**			*9400 ***20,450**	*9400 ***20,450**	*8350 ***18,150**	6950 **14,900**	6900 **14,750**	5150 **11,000**			*4150 ***9,200**	4100 **9,050**	10 220 **33'4"**
4500 mm **15'0"**	kg **lb**	*7850 ***17,600**	*7850 ***17,600**	*10 150 ***22,000**	9650 **20,700**	*8650 ***18,800**	6800 **14,600**	6850 **14,650**	5100 **10,950**	5300 ***8,850**	3950 **8,350**	*4000 ***8,800**	3800 **8,350**	10 690 **35'0"**
3000 mm **10'0"**	kg **lb**			*11 050 ***23,900**	9250 **19,900**	8900 **19,150**	6600 **14,200**	6750 **14,450**	5000 **10,750**	5300 **11,350**	3900 **8,400**	*3950 ***8,700**	3650 **8,050**	10 930 **35'10"**
1500 mm **5'0"**	kg **lb**			*11 750 ***25,400**	8850 **19,050**	8700 **18,700**	6400 **13,750**	6600 **14,200**	4900 **10,500**	5250 **11,300**	3900 **8,300**	*4000 ***8,800**	3650 **8,000**	10 960 **35'11"**
0 mm **0'0"**	kg **lb**	*15 100 ***34,850**	13 000 **27,950**	*11 800 **25,550**	8500 **18,350**	8500 **18,250**	6200 **13,350**	6500 **14,000**	4800 **10,300**	*5050 ***10,100**	3850 **8,300**	*4050 ***8,850**	3750 **8,200**	10 780 **35'4"**
–1500 mm **–5'0"**	kg **lb**	*11 750 ***27,800**	*11 750 **27,300**	*11 000 ***23,750**	8300 **17,900**	8400 **18,000**	6100 **13,100**	*6300 ***13,400**	4750 **10,200**			*4000 ***8,850**	*4000 ***8,850**	10 200 **33'5"**
–3000 mm **–10'0"**	kg **lb**	*11 850 ***25,450**	*11 850 ***25,450**	*9100 ***19,500**	8250 **17,800**	*6800 ***14,450**	6050 **13,100**					*4800 ***10,650**	*4800 ***10,650**	8800 **28'7"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

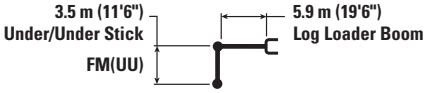
Lift capacity stays with ±5% for all available track shoes.

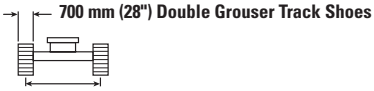
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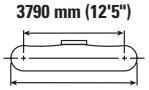
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm **40'0"**	kg **lb**											*9350 ***22,900**	*9350 ***22,900**	4390 **12'9"**
10 500 mm **35'0"**	kg **lb**			*8950 ***18,850**	*8950 ***18,850**							*6100 ***13,850**	*6100 ***13,850**	6900 **21'11"**
9000 mm **30'0"**	kg **lb**			*9150 ***20,100**	*9150 ***20,100**	*8250 ***17,300**	6950 **14,850**					*5000 ***11,150**	*5000 ***11,150**	8440 **27'3"**
7500 mm **25'0"**	kg **lb**			*9050 ***19,750**	*9050 ***19,750**	*8200 ***17,900**	7050 **15,100**	6950 ***14,000**	5150 **11,000**			*4450 ***9,900**	*4450 ***9,900**	9490 **30'10"**
6000 mm **20'0"**	kg **lb**			*9400 ***20,450**	*9400 ***20,450**	*8350 ***18,150**	7000 **15,050**	6950 **14,950**	5200 **11,150**			*4150 ***9,200**	4150 **9,150**	10 220 **33'4"**
4500 mm **15'0"**	kg **lb**	*7850 ***17,600**	*7850 ***17,600**	*10 150 ***22,000**	9750 **20,950**	*8650 ***18,800**	6850 **14,750**	6900 **14,850**	5150 **11,050**	5400 ***8,850**	4000 **8,450**	*4000 ***8,800**	3850 **8,450**	10 690 **35'0"**
3000 mm **10'0"**	kg **lb**			*11 050 ***23,900**	9350 **20,150**	9000 **19,400**	6650 **14,350**	6800 **14,650**	5050 **10,850**	5350 **11,500**	3950 **8,500**	*3950 ***8,700**	3700 **8,150**	10 930 **35'10"**
1500 mm **5'0"**	kg **lb**			*11 750 ***25,400**	8950 **19,250**	8800 **18,900**	6450 **13,900**	6700 **14,400**	4950 **10,650**	5300 **11,450**	3950 **8,400**	*4000 ***8,800**	3700 **8,100**	10 960 **35'11"**
0 mm **0'0"**	kg **lb**	*15 100 ***34,850**	13 150 **28,250**	*11 800 ***25,550**	8600 **18,550**	8600 **18,500**	6300 **13,500**	6600 **14,200**	4850 **10,450**	*5050 ***10,100**	3900 **8,400**	*4050 ***8,850**	3800 **8,300**	10 780 **35'4"**
–1500 mm **–5'0"**	kg **lb**	*11 750 ***27,800**	*11 750 **27,600**	*11 000 ***23,750**	8400 **18,100**	*8450 ***18,150**	6150 **13,250**	*6300 ***13,400**	4800 **10,350**			*4000 ***8,850**	*4000 ***8,850**	10 200 **33'5"**
–3000 mm **–10'0"**	kg **lb**	*11 850 ***25,450**	*11 850 ***25,450**	*9100 ***19,500**	8350 **18,000**	*6800 ***14,450**	6150 **13,250**					*4800 ***10,650**	*4800 ***10,650**	8800 **28'7"**

* **ISO 10567:2007**

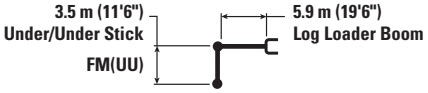
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Lift capacity stays with ±5% for all available track shoes.

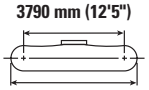
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm **40'0"**	kg **lb**											*9350 ***22,900**	*9350 ***22,900**	4390 **12'9"**
10 500 mm **35'0"**	kg **lb**			*8950 ***18,850**	*8950 ***18,850**							*6100 ***13,850**	*6100 ***13,850**	6900 **21'11"**
9000 mm **30'0"**	kg **lb**			*9150 ***20,100**	*9150 ***20,100**	*8250 ***17,300**	7000 **14,900**					*5000 ***11,150**	*5000 ***11,150**	8440 **27'3"**
7500 mm **25'0"**	kg **lb**			*9050 ***19,750**	*9050 ***19,750**	*8200 ***17,900**	7100 **15,150**	6950 ***14,000**	5200 **11,050**			*4450 ***9,900**	*4450 ***9,900**	9490 **30'10"**
6000 mm **20'0"**	kg **lb**			*9400 ***20,450**	*9400 ***20,450**	*8350 ***18,150**	7050 **15,100**	7000 **15,000**	5250 **11,200**			*4150 ***9,200**	4150 ***9,200**	10 220 **33'4"**
4500 mm **15'0"**	kg **lb**	*7850 ***17,600**	*7850 ***17,600**	*10 150 ***22,000**	9750 **21,000**	*8650 ***18,800**	6900 **14,850**	6950 **14,900**	5200 **11,100**	5400 ***8,850**	4000 **8,500**	*4000 ***8,800**	3850 **8,500**	10 690 **35'0"**
3000 mm **10'0"**	kg **lb**			*11 050 ***23,900**	9400 **20,200**	9050 **19,500**	6700 **14,400**	6850 **14,700**	5100 **10,900**	5400 **11,550**	4000 **8,550**	*3950 ***8,700**	3750 **8,200**	10 930 **35'10"**
1500 mm **5'0"**	kg **lb**			*11 750 ***25,400**	9000 **19,350**	8850 **19,000**	6500 **13,950**	6750 **14,450**	4950 **10,700**	5350 **11,500**	3950 **8,450**	*4000 ***8,800**	3700 **8,150**	10 960 **35'11"**
0 mm **0'0"**	kg **lb**	*15 100 ***34,850**	13 200 **28,400**	*11 800 ***25,550**	8650 **18,650**	8650 **18,600**	6300 **13,600**	6650 **14,250**	4900 **10,500**	*5050 ***10,100**	3950 **8,450**	*4050 ***8,850**	3800 **8,350**	10 780 **35'4"**
–1500 mm **–5'0"**	kg **lb**	*11 750 ***27,800**	*11 750 **27,700**	*11 000 ***23,750**	8450 **18,200**	*8450 ***18,150**	6200 **13,350**	*6300 ***13,400**	4850 **10,400**			*4000 ***8,850**	*4000 ***8,850**	10 200 **33'5"**
–3000 mm **–10'0"**	kg **lb**	*11 850 ***25,450**	*11 850 ***25,450**	*9100 ***19,500**	8400 **18,100**	*6800 ***14,450**	6200 **13,300**					*4800 ***10,650**	*4800 ***10,650**	8800 **28'7"**

* **ISO 10567:2007**

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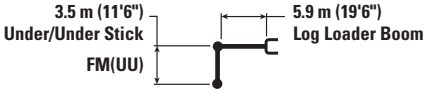
Lift capacity stays with ±5% for all available track shoes.

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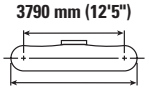
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/**in**
12 000 mm **40'0"**	kg **lb**											*9350 ***22,900**	*9350 ***22,900**	4390 **12'9"**
10 500 mm **35'0"**	kg **lb**			*8950 ***18,850**	*8950 ***18,850**							*6100 ***13,850**	*6100 ***13,850**	6900 **21'11"**
9000 mm **30'0"**	kg **lb**			*9150 ***20,100**	*9150 ***20,100**	*8250 ***17,300**	7200 **15,350**					*5000 ***11,150**	*5000 ***11,150**	8440 **27'3"**
7500 mm **25'0"**	kg **lb**			*9050 ***19,750**	*9050 ***19,750**	*8200 ***17,900**	7250 **15,600**	*7050 ***14,000**	5350 **11,400**			*4450 ***9,900**	*4450 ***9,900**	9490 **30'10"**
6000 mm **20'0"**	kg **lb**			*9400 ***20,450**	*9400 ***20,450**	*8350 ***18,150**	7250 **15,500**	7200 **15,450**	5400 **11,550**			*4150 ***9,200**	*4150 ***9,200**	10 220 **33'4"**
4500 mm **15'0"**	kg **lb**	*7850 ***17,600**	*7850 ***17,600**	*10 150 ***22,000**	10 050 **21,600**	*8650 ***18,800**	7100 **15,250**	7150 **15,350**	5350 **11,450**	5600 ***8,850**	4150 **8,800**	*4000 ***8,800**	4000 **8,800**	10 690 **35'0"**
3000 mm **10'0"**	kg **lb**			*11 050 ***23,900**	9650 **20,800**	*9050 ***19,650**	6900 **14,850**	7050 **15,150**	5250 **11,250**	5550 **11,950**	4100 **8,800**	*3950 ***8,700**	3850 **8,450**	10 930 **35'10"**
1500 mm **5'0"**	kg **lb**			*11 750 ***25,400**	9250 **19,900**	9100 **19,600**	6700 **14,400**	6950 **14,900**	5150 **11,000**	5550 **11,850**	4100 **8,750**	*4000 ***8,800**	3850 **8,400**	10 960 **35'11"**
0 mm **0'0"**	kg **lb**	*15 100 ***34,850**	13 600 **29,250**	*11 800 ***25,550**	8900 **19,200**	8900 **19,150**	6500 **14,000**	6850 **14,700**	5050 **10,850**	*5050 ***10,100**	4050 **8,750**	*4050 ***8,850**	3950 **8,650**	10 780 **35'4"**
–1500 mm **–5'0"**	kg **lb**	*11 750 ***27,800**	*11 750 ***27,800**	*11 000 ***23,750**	8700 **18,750**	*8450 ***18,150**	6400 **13,750**	*6300 ***13,400**	5000 **10,750**			*4000 ***8,850**	*4000 ***8,850**	10 200 **33'5"**
–3000 mm **–10'0"**	kg **lb**	*11 850 ***25,450**	*11 850 ***25,450**	*9100 ***19,500**	8650 **18,650**	*6800 ***14,450**	6350 **13,700**					*4800 ***10,650**	*4800 ***10,650**	8800 **28'7"**

* **ISO 10567:2007**

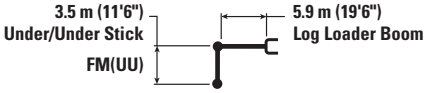
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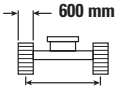
Lift capacity stays with ±5% for all available track shoes.

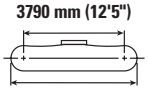
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)



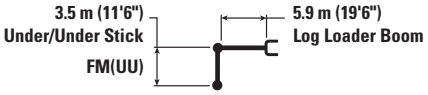


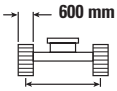


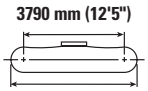
		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
10 500 mm 35'0"	kg lb	*35,500	*35,500									*12 150 *28,900	*12 150 *28,900	4310 12'11"
9000 mm 30'0"	kg lb			*12 800 *28,100	*12 800 *28,100	*11 150 *23,600	9650 20,550					*8400 *18,950	8350 *18,950	6510 20'9"
7500 mm 25'0"	kg lb			*12 550 *27,400	*12 550 *27,400	*10 750 *23,450	9750 21,000	9150 *19,400	6850 14,650			*7100 *15,800	6350 14,200	7830 25'4"
6000 mm 20'0"	kg lb			*13 250 *28,750	*13 250 *28,750	*11 000 *23,900	9700 20,850	9200 19,750	6900 14,850			*6500 *14,350	5450 12,050	8700 28'4"
4500 mm 15'0"	kg lb			*14 700 *31,800	*14 700 31,750	*11 600 *25,100	9450 20,400	9100 19,600	6800 14,650	6900 14,800	5200 11,100	*6200 *13,600	4950 10,950	9250 30'3"
3000 mm 10'0"	kg lb			*35,100	30,250	*12 150 *26,350	9200 19,750	8950 19,300	6700 14,400	6850 14,750	5150 11,100	*6050 *13,350	4750 10,450	9530 31'2"
1500 mm 5'0"	kg lb					12 250 26,350	8900 19,200	8800 19,000	6550 14,100	6800 14,650	5100 11,000	*5900 *13,000	4700 10,350	9560 31'4"
0 mm 0'0"	kg lb			*10 000 *24,100	*10 000 *24,100	*11 550 *25,050	8750 18,800	8700 18,800	6450 13,900	*6250 *12,900	5100 10,950	*4850 *10,700	4850 10,700	9350 30'8"
–1500 mm –5'0"	kg lb			*12 350 *26,800	*12 350 *26,800	*9750 *21,000	8650 18,650	*7250 *15,450	6450 13,850			*5450 *12,050	*5450 *12,050	8420 27'6"

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
10 500 mm 35'0"	kg lb	*35,500	*35,500									*12 150 *28,900	*12 150 *28,900	4310 12'11"
9000 mm 30'0"	kg lb			*12 800 *28,100	*12 800 *28,100	*11 150 *23,600	9650 20,550					*8400 *18,950	8350 *18,950	6510 20'9"
7500 mm 25'0"	kg lb			*12 550 *27,400	*12 550 *27,400	*10 750 *23,450	9800 21,000	9200 *19,400	6900 14,700			*7100 *15,800	6350 14,250	7830 25'4"
6000 mm 20'0"	kg lb			*13 250 *28,750	*13 250 *28,750	*11 000 *23,900	9700 20,900	9200 19,800	6900 14,850			*6500 *14,350	5450 12,050	8700 28'4"
4500 mm 15'0"	kg lb			*14 700 *31,800	*14 700 31,750	*11 600 *25,100	9500 20,400	9150 19,650	6850 14,700	6900 14,850	5200 11,150	*6200 *13,600	4950 10,950	9250 30'3"
3000 mm 10'0"	kg lb			*35,100	30,300	*12 150 *26,350	9200 19,800	9000 19,350	6700 14,400	6900 14,800	5150 11,100	*6050 *13,350	4750 10,450	9530 31'2"
1500 mm 5'0"	kg lb					12 250 26,400	8900 19,200	8850 19,000	6550 14,100	6850 14,700	5100 11,000	*5900 *13,000	4700 10,350	9560 31'4"
0 mm 0'0"	kg lb			*10 000 *24,100	*10 000 *24,100	*11 550 *25,050	8750 18,800	8750 18,800	6450 13,950	*6250 *12,900	5100 11,000	*4850 *10,700	4850 10,700	9350 30'8"
–1500 mm –5'0"	kg lb			*12 350 *26,800	*12 350 *26,800	*9750 *21,000	8700 18,700	*7250 *15,450	6450 13,900			*5450 *12,050	*5450 *12,050	8420 27'6"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

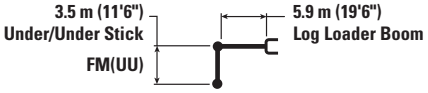
Lift capacity stays with ±5% for all available track shoes.

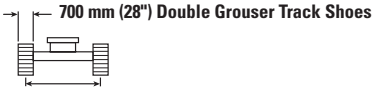
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

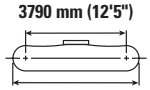
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)



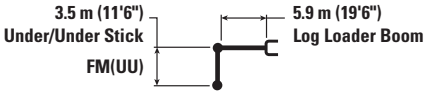




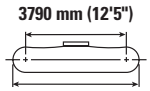
		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
10 500 mm 35'0"	kg lb	*35,500	*35,500									*12 150 *28,900	*12 150 *28,900	4310 12'11"
9000 mm 30'0"	kg lb			*12 800 *28,100	*12 800 *28,100	*11 150 *23,600	9750 20,750					*8400 *18,950	*8400 *18,950	6510 20'9"
7500 mm 25'0"	kg lb			*12 550 *27,400	*12 550 *27,400	*10 750 *23,450	9900 21,200	9300 *19,400	6950 14,850			*7100 *15,800	6450 14,400	7830 25'4"
6000 mm 20'0"	kg lb			*13 250 *28,750	*13 250 *28,750	*11 000 *23,900	9800 21,100	9300 20,000	7000 15,000			*6500 *14,350	5500 12,200	8700 28'4"
4500 mm 15'0"	kg lb			*14 700 *31,800	*14 700 *31,800	*11 600 *25,100	9600 20,650	9200 19,850	6900 14,850	7000 15,000	5250 11,250	*6200 *13,600	5000 11,100	9250 30'3"
3000 mm 10'0"	kg lb			*35,100	30,600	*12 150 *26,350	9300 20,000	9100 19,550	6750 14,550	6950 14,950	5200 11,200	*6050 *13,350	4800 10,550	9530 31'2"
1500 mm 5'0"	kg lb					*12 300 *26,650	9000 19,400	8950 19,250	6650 14,300	6900 14,850	5150 11,150	*5900 *13,000	4750 10,500	9560 31'4"
0 mm 0'0"	kg lb			*10 000 *24,100	*10 000 *24,100	*11 550 *25,050	8850 19,050	8850 19,050	6550 14,100	*6250 *12,900	5150 11,100	*4850 *10,700	*4850 *10,700	9350 30'8"
–1500 mm –5'0"	kg lb			*12 350 *26,800	*12 350 *26,800	*9750 *21,000	8800 18,900	*7250 *15,450	6500 14,050			*5450 *12,050	*5450 *12,050	8420 27'6"

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
10 500 mm 35'0"	kg lb	*35,500	*35,500									*12 150 *28,900	*12 150 *28,900	4310 12'11"
9000 mm 30'0"	kg lb			*12 800 *28,100	*12 800 *28,100	*11 150 *23,600	9800 20,850					*8400 *18,950	*8400 *18,950	6510 20'9"
7500 mm 25'0"	kg lb			*12 550 *27,400	*12 550 *27,400	*10 750 *23,450	9950 21,300	9300 *19,400	7000 14,900			*7100 *15,800	6450 14,450	7830 25'4"
6000 mm 20'0"	kg lb			*13 250 *28,750	*13 250 *28,750	*11 000 *23,900	9850 21,200	9350 20,100	7000 15,100			*6500 *14,350	5550 12,250	8700 28'4"
4500 mm 15'0"	kg lb			*14 700 *31,800	*14 700 *31,800	*11 600 *25,100	9600 20,700	9250 19,950	6950 14,900	7050 15,100	5300 11,300	*6200 *13,600	5050 11,150	9250 30'3"
3000 mm 10'0"	kg lb			*35,100	30,750	*12 150 *26,350	9350 20,100	9150 19,650	6800 14,650	7000 15,050	5250 11,300	*6050 *13,350	4850 10,600	9530 31'2"
1500 mm 5'0"	kg lb					*12 300 *26,650	9050 19,500	9000 19,350	6650 14,350	6950 14,950	5200 11,200	*5900 *13,000	4800 10,550	9560 31'4"
0 mm 0'0"	kg lb			*10 000 *24,100	*10 000 *24,100	*11 550 *25,050	8900 19,100	*8900 *19,100	6550 14,150	*6250 *12,900	5200 11,150	*4850 *10,700	*4850 *10,700	9350 30'8"
–1500 mm –5'0"	kg lb			*12 350 *26,800	*12 350 *26,800	*9750 *21,000	8800 19,000	*7250 *15,450	6550 14,100			*5450 *12,050	*5450 *12,050	8420 27'6"

* ISO 10567:2007

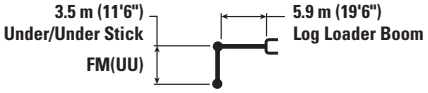
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

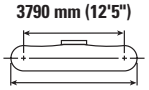
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
10 500 mm 35'0"	kg lb	*35,500	*35,500									*12 150 *28,900	*12 150 *28,900	4310 12'11"
9000 mm 30'0"	kg lb			*12 800 *28,100	*12 800 *28,100	*11 150 *23,600	10 050 21,450					*8400 *18,950	*8400 *18,950	6510 20'9"
7500 mm 25'0"	kg lb			*12 550 *27,400	*12 550 *27,400	*10 750 *23,450	10 200 21,900	*9500 *19,400	7200 15,350			*7100 *15,800	6650 14,850	7830 25'4"
6000 mm 20'0"	kg lb			*13 250 *28,750	*13 250 *28,750	*11 000 *23,900	10 100 21,750	*9450 *20,500	7200 15,500			*6500 *14,350	5700 12,600	8700 28'4"
4500 mm 15'0"	kg lb			*14 700 *31,800	*14 700 *31,800	*11 600 *25,100	9900 21,300	9550 20,500	7150 15,350	7250 15,550	5450 11,650	*6200 *13,600	5200 11,450	9250 30'3"
3000 mm 10'0"	kg lb			*35,100	31,600	*12 150 *26,350	9600 20,650	9400 20,200	7000 15,050	7200 15,500	5400 11,600	*6050 *13,350	4950 10,950	9530 31'2"
1500 mm 5'0"	kg lb					*12 300 *26,650	9300 20,050	9250 19,900	6850 14,750	7150 15,400	5350 11,550	*5900 *13,000	4950 10,850	9560 31'4"
0 mm 0'0"	kg lb			*10 000 *24,100	*10 000 *24,100	*11 550 *25,050	9150 19,700	*8900 *19,100	6750 14,600	*6250 *12,900	5350 11,500	*4850 *10,700	*4850 *10,700	9350 30'8"
–1500 mm –5'0"	kg lb			*12 350 *26,800	*12 350 *26,800	*9750 *21,000	9100 19,550	*7250 *15,450	6750 14,550			*5450 *12,050	*5450 *12,050	8420 27'6"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

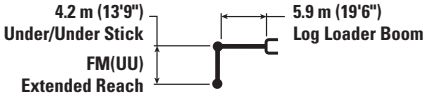
Lift capacity stays with ±5% for all available track shoes.

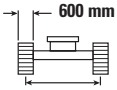
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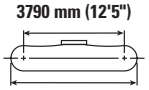
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***18,750**	***18,750**									*5900 ***13,750**	*5900 ***13,750**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*7650 ***16,650**	*7650 ***16,650**	*6050 ***11,600**	*6050 ***11,600**					*4400 ***9,850**	*4400 ***9,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7050 ***15,400**	*7050 ***15,400**	*5200 ***9,200**	*5200 ***9,200**			*3750 ***8,300**	*3750 ***8,300**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*6950 ***15,150**	*6950 ***15,150**	*6400 ***13,950**	5450 **11,700**			*3350 ***7,450**	*3350 ***7,450**	10 270 **33'05"**
6000 mm **20'0"**	kg **lb**					***15,900**	***15,900**	*7100 ***15,450**	*7100 ***15,450**	*6400 ***14,000**	5450 **11,700**	*5250 ***10,150**	4200 **8,900**	*3150 ***6,950**	*3150 ***6,950**	10 950 **35'09"**
4500 mm **15'0"**	kg **lb**					*7500 ***16,700**	*7500 ***16,700**	*7450 ***16,200**	7200 **15,450**	*6550 ***14,250**	5400 **11,550**	5600 **12,050**	4150 **8,900**	*3050 ***6,700**	*3050 ***6,700**	11 390 **37'03"**
3000 mm **10'0"**	kg **lb**					*9300 ***20,450**	*9300 ***20,450**	*7900 ***17,150**	6950 **15,000**	*6750 ***14,600**	5250 **11,300**	5550 **11,950**	4100 **8,850**	*3000 ***6,650**	*3000 ***6,650**	11 610 **38'00"**
1500 mm **5'0"**	kg **lb**					*10 300 ***22,300**	9350 **20,150**	*8250 ***17,900**	6700 **14,450**	*6800 ***14,750**	5150 **11,000**	5500 **11,800**	4050 **8,700**	*3050 ***6,700**	*3050 ***6,700**	11 640 **38'02"**
0 mm **0'0"**	kg **lb**			*14 600 ***31,550**	13 700 **29,500**	*10 650 ***23,100**	8950 **19,250**	*8350 ***18,000**	6500 **14,000**	*6700 ***14,400**	5000 **10,750**	*5200 ***10,950**	4000 **8,600**	*3150 ***6,900**	*3150 ***6,900**	11 470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*11 750 ***28,050**	*11 750 ***28,050**	*10 300 ***22,250**	8700 **18,650**	*7950 ***17,100**	6350 **13,650**	*6150 ***13,100**	4900 **10,600**	*4250 ***8,700**	4000 **8,550**	*3200 ***7,000**	*3200 ***7,000**	10 990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*4700 ***10,700**	*4700 ***10,700**	*11 800 ***25,800**	*11 800 ***25,800**	*9000 ***19,350**	8550 **18,400**	*6850 ***14,600**	6250 **13,500**	*4950 ***10,350**	4900 ***10,350**			*3650 ***8,050**	*3650 ***8,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*6600	*6600							*5650	*5650	6800

* **ISO 10567:2007**

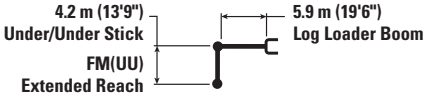
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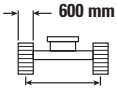
Lift capacity stays with ±5% for all available track shoes.

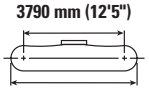
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***20,500**	***20,500**									*6450 ***15,050**	*6450 ***15,050**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*8400 ***18,250**	*8400 ***18,250**	*6600 ***12,700**	*6600 ***12,700**					*4800 ***10,850**	*4800 ***10,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7750 ***16,850**	7350 **15,700**	*5700 ***10,100**	5350 ***10,100**			*4100 ***9,150**	*4100 ***9,150**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*7650 ***16,700**	7400 **15,850**	*7050 ***15,400**	5450 **11,700**			*3700 ***8,200**	*3700 ***8,200**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***17,400**	***17,400**	*7800 ***17,050**	7350 **15,750**	*7100 ***15,450**	5450 **11,700**	5650 ***11,200**	4200 **8,900**	*3500 ***7,700**	*3500 ***7,700**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*8 200 ***18,250**	*8 200 ***18,250**	*8200 ***17,850**	7200 **15,450**	7200 **15,500**	5400 **11,550**	5600 **12,050**	4150 **8,900**	*3400 ***7,450**	*3400 ***7,450**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*10 150 ***22,350**	9800 **21,100**	*8700 ***18,900**	6950 **15,000**	7100 **15,200**	5250 **11,300**	5550 **11,950**	4100 **8,850**	*3350 ***7,350**	*3350 ***7,350**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*11 350 ***24,600**	9350 **20,150**	*9100 **19,650**	6700 **14,450**	6950 **14,900**	5150 **11,000**	5500 **11,800**	4050 **8,700**	*3400 ***7,400**	*3400 ***7,400**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*16 050 ***34,800**	13 700 **29,500**	*11 800 ***25,500**	8950 **19,250**	8900 **19,150**	6500 **14,000**	6800 **14,650**	5000 **10,750**	5450 **11,700**	4000 **8,600**	*3500 ***7,650**	*3500 ***7,650**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*12 850 ***30,600**	*12 850 **28,500**	*11 400 ***24,600**	8700 **18,650**	8750 **18,800**	6350 **13,650**	6750 **14,450**	4900 **10,600**	*4800 ***9,750**	4000 **8,550**	*3600 ***7,950**	*3600 ***7,950**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*5150 ***11,750**	*5150 ***11,750**	*12 900 ***28,600**	*12 900 **28,100**	*10 000 ***21,500**	8550 **18,400**	*7600 ***16,300**	6250 **13,500**	*5550 ***11,600**	4900 **10,550**			*4100 ***9,050**	*4100 ***9,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*7400	*7400							*6300	*6300	6800

* **ISO 10567:2007**

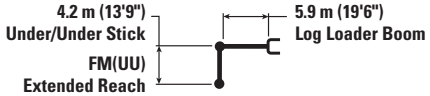
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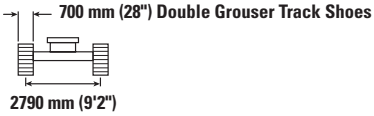
Lift capacity stays with ±5% for all available track shoes.

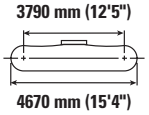
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***18,750**	***18,750**									*5900 ***13,750**	*5900 ***13,750**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*7650 ***16,650**	*7650 ***16,650**	*6050 ***11,600**	*6050 ***11,600**					*4400 ***9,850**	*4400 ***9,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7050 ***15,400**	*7050 ***15,400**	*5200 ***9,200**	*5200 ***9,200**			*3750 ***8,300**	*3750 ***8,300**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*6950 ***15,150**	*6950 ***15,150**	*6400 ***13,950**	5500 **11,800**			*3350 ***7,450**	*3350 ***7,450**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***15,900**	***15,900**	*7100 ***15,450**	*7100 ***15,450**	*6400 ***14,000**	5500 **11,800**	*5250 ***10,150**	4250 **9,000**	*3150 ***6,950**	*3150 ***6,950**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*7500 ***16,700**	*7500 ***16,700**	*7450 ***16,200**	7250 **15,600**	*6550 ***14,250**	5450 **11,650**	5700 **12,200**	4200 **9,050**	*3050 ***6,700**	*3050 ***6,700**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*9300 ***20,450**	*9300 ***20,450**	*7900 ***17,150**	7050 **15,150**	*6750 ***14,600**	5300 **11,400**	5650 **12,100**	4150 **8,950**	*3000 ***6,650**	*3000 ***6,650**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*10 300 ***22,300**	9450 **20,350**	*8250 ***17,900**	6800 **14,600**	*6800 ***14,750**	5200 **11,150**	*5550 ***11,900**	4100 **8,800**	*3050 ***6,700**	*3050 ***6,700**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*14 600 ***31,550**	13 850 **29,800**	*10 650 ***23,100**	9050 **19,450**	*8350 ***18,000**	6550 **14,150**	*6700 ***14,400**	5050 **10,900**	*5200 ***10,950**	4050 **8,700**	*3150 ***6,900**	*3150 ***6,900**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*11 750 ***28,050**	*11 750 ***28,050**	*10 300 ***22,250**	8750 **18,900**	*7950 ***17,100**	6400 **13,800**	*6150 ***13,100**	5000 **10,700**	*4250 ***8,700**	4050 **8,650**	*3200 ***7,000**	*3200 ***7,000**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*4700 ***10,700**	*4700 ***10,700**	*11 800 ***25,800**	*11 800 ***25,800**	*9000 ***19,350**	8650 **18,600**	*6850 ***14,600**	6350 **13,650**	*4950 ***10,350**	*4950 ***10,350**			*3650 ***8,050**	*3650 ***8,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*6600	*6600							*5650	*5650	6800

* **ISO 10567:2007**

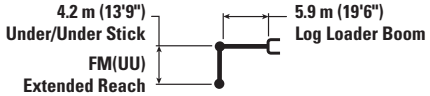
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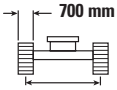
Lift capacity stays with ±5% for all available track shoes.

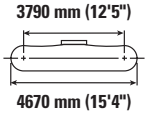
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm 35'0"	kg lb			*20,500 *20,500	*20,500 *20,500									*6450 *15,050	*6450 *15,050	5910 18'02"
10 500 mm 35'0"	kg lb					*8400 *18,250	*8400 *18,250	*6600 *12,700	*6600 *12,700					*4800 *10,850	*4800 *10,850	7940 25'05"
9000 mm 30'0"	kg lb							*7750 *16,850	7400 15,850	*5700 *10,100	5400 *10,100			*4100 *9,150	*4100 *9,150	9310 30'01"
7500 mm 25'0"	kg lb							*7650 *16,700	7450 16,000	*7050 *15,400	5500 11,800			*3700 *8,200	*3700 *8,200	10270 33'05"
6000 mm 20'0"	kg lb					*17,400	*17,400	*7800 *17,050	7400 15,900	*7100 *15,450	5500 11,800	5700 *11,200	4250 9,000	*3500 *7,700	*3500 *7,700	10950 35'09"
4500 mm 15'0"	kg lb					*8200 *18,250	*8200 *18,250	*8200 *17,850	7250 15,600	*7250 15,650	5450 11,650	5700 12,200	4200 9,050	*3400 *7,450	*3400 *7,450	11390 37'03"
3000 mm 10'0"	kg lb					*10 150 *22,350	9900 21,300	*8700 *18,900	7050 15,150	7150 15,400	5300 11,400	5650 12,100	4150 8,950	*3350 *7,350	*3350 *7,350	11610 38'00"
1500 mm 5'0"	kg lb					*11 350 *24,600	9450 20,350	*9100 *19,750	6800 14,600	7000 15,100	5200 11,150	5550 11,950	4100 8,800	*3400 *7,400	*3400 *7,400	11640 38'02"
0 mm 0'0"	kg lb			*16 050 *34,800	13 850 29,800	*11 800 *25,500	9050 19,450	9000 19,350	6550 14,150	6900 14,800	5050 10,900	5500 11,850	4050 8,700	*3500 *7,650	*3500 *7,650	11470 37'07"
–1500 mm –5'0"	kg lb			*12 850 *30,600	*12 850 28,800	*11 400 *24,600	8750 18,900	*8800 *18,950	6400 13,800	6800 *14,600	5000 10,700	*4800 *9,750	4050 8,650	*3600 *7,950	*3600 *7,950	10990 35'11"
–3000 mm –10'0"	kg lb	*5150 *11,750	*5150 *11,750	*12 900 *28,600	*12 900 28,450	*10 000 *21,500	8650 18,600	*7600 *16,300	6350 13,650	*5550 *11,600	4950 10,650			*4100 *9,050	*4100 *9,050	9870 32'02"
–4500 mm –15'0"	kg lb					*7400	*7400							*6300	*6300	6800

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

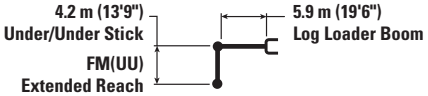
Lift capacity stays with ±5% for all available track shoes.

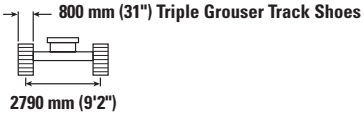
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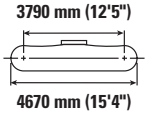
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***18,750**	***18,750**									*5900 ***13,750**	*5900 ***13,750**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*7650 ***16,650**	*7650 ***16,650**	*6050 ***11,600**	*6050 ***11,600**					*4400 ***9,850**	*4400 ***9,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7050 ***15,400**	*7050 ***15,400**	*5200 ***9,200**	*5200 ***9,200**			*3750 ***8,300**	*3750 ***8,300**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*6950 ***15,150**	*6950 ***15,150**	*6400 ***13,950**	5550 **11,850**			*3350 ***7,450**	*3350 ***7,450**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***15 900**	***15,900**	*7100 ***15,450**	*7100 ***15,450**	*6400 ***14,000**	5550 **11,850**	*5250 ***10,150**	4250 **9,050**	*3150 ***6,950**	*3150 ***6,950**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*7500 ***16,700**	*7500 ***16,700**	*7450 ***16,200**	7300 **15,650**	*6550 ***14,250**	5450 **11,700**	5700 **12,250**	4250 **9,050**	*3050 ***6,700**	*3050 ***6,700**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*9300 ***20,450**	*9300 ***20,450**	*7900 ***17,150**	7050 **15,200**	*6750 ***14,600**	5350 **11,500**	5650 **12,150**	4200 **9,000**	*3000 ***6,650**	*3000 ***6,650**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*10 300 ***22,300**	9500 **20,450**	*8250 ***17,900**	6850 **14,700**	*6800 ***14,750**	5200 **11,200**	*5550 ***11,900**	4150 **8,850**	*3050 ***6,700**	*3050 ***6,700**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*14 600 ***31,550**	13 950 **29,950**	*10 650 ***23,100**	9100 **19,550**	*8350 ***18000**	6600 **14,200**	*6700 ***14,400**	5100 **10,950**	*5200 ***10,950**	4050 **8,750**	*3150 ***6,900**	*3150 ***6,900**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*11 750 ***28,050**	*11 750 ***28,050**	*10 300 ***22,250**	8800 **18,950**	*7950 ***17,100**	6450 **13,850**	*6150 ***13,100**	5000 **10,750**	*4250 ***8,700**	4050 ***8,700**	*3200 ***7,000**	*3200 ***7,000**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*4700 ***10,700**	*4700 ***10,700**	*11 800 ***25,800**	*11 800 ***25,800**	*9000 ***19,350**	8700 **18,700**	*6850 ***14,600**	6400 **13,750**	*4950 ***10,350**	*4950 ***10,350**			*3650 ***8,050**	*3650 ***8,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*6600	*6600							*5650	*5650	6800

* **ISO 10567:2007**

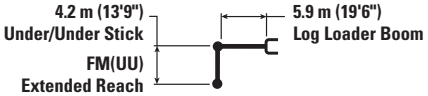
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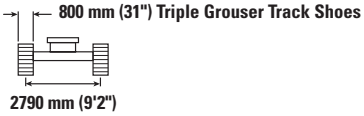
Lift capacity stays with ±5% for all available track shoes.

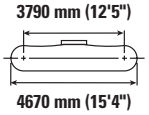
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm 35'0"	kg lb			*20,500 *20,500	*20,500 *20,500									*6450 *15,050	*6450 *15,050	5910 18'02"
10 500 mm 35'0"	kg lb					*8400 *18,250	*8400 *18,250	*6600 *12,700	*6600 *12,700					*4800 *10,850	*4800 *10,850	7940 25'05"
9000 mm 30'0"	kg lb							*7750 *16,850	7450 15,950	*5700 *10,100	5400 *10,100			*4100 *9,150	*4100 *9,150	9310 30'01"
7500 mm 25'0"	kg lb							*7650 *16,700	7500 16,100	*7050 *15,400	5550 11,850			*3700 *8,200	*3700 *8,200	10270 33'05"
6000 mm 20'0"	kg lb					*17,400	*17,400	*7800 *17,050	7450 15,950	*7100 *15,450	5550 11,850	5750 *11,200	4250 9,050	*3500 *7,700	*3500 *7,700	10950 35'09"
4500 mm 15'0"	kg lb					*8 200 *18,250	*8200 *18,250	*8200 *17,850	7300 15,650	*7250 15,700	5450 11,700	5700 12,250	4250 9,050	*3400 *7,450	*3400 *7,450	11390 37'03"
3000 mm 10'0"	kg lb					*10 150 *22,350	9950 21,400	*8700 *18,900	7050 15,200	7200 15,450	5350 11,500	5650 12,150	4200 9,000	*3350 *7,350	*3350 *7,350	11610 38'00"
1500 mm 5'0"	kg lb					*11 350 *24,600	9500 20,450	*9100 *19,750	6850 14,700	7050 15,150	5200 11,200	5600 12,050	4150 8,850	*3400 *7,400	*3400 *7,400	11640 38'02"
0 mm 0'0"	kg lb			*16 050 *34,800	13 950 29,950	*11 800 *25,500	9100 19,550	9050 19,450	6600 14,200	6950 14,900	5100 10,950	5550 11,900	4050 8,750	*3500 *7,650	*3500 *7,650	11470 37'07"
–1500 mm –5'0"	kg lb			*12 850 *30,600	*12 850 28,900	*11 400 *24,600	8800 18,950	*8800 *18,950	6450 13,850	*6850 *14,600	5000 10,750	*4800 *9,750	4050 8,700	*3600 *7,950	*3600 *7,950	10990 35'11"
–3000 mm –10'0"	kg lb	*5150 *11,750	*5150 *11,750	*12 900 *28,600	*12 900 28,550	*10 000 *21,500	8700 18,700	*7600 *16,300	6400 13,750	*5550 *11,600	5000 10,750			*4100 *9,050	*4100 *9,050	9870 32'02"
–4500 mm –15'0"	kg lb					*7400	*7400							*6300	*6300	6800

* ISO 10567:2007

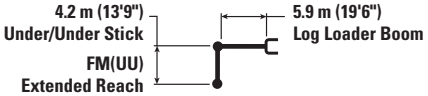
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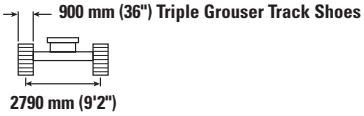
Lift capacity stays with ±5% for all available track shoes.

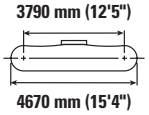
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***18,750**	***18,750**									*5900 ***13,750**	*5900 ***13,750**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*7650 ***16,650**	*7650 ***16,650**	*6050 ***11,600**	*6050 ***11,600**					*4400 ***9,850**	*4400 ***9,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7050 ***15,400**	*7050 ***15,400**	*5200 ***9,200**	*5200 ***9,200**			*3750 ***8,300**	*3750 ***8,300**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*6950 ***15,150**	*6950 ***15,150**	*6400 ***13,950**	5700 **12,200**			*3350 ***7,450**	*3350 ***7,450**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***15,900**	***15,900**	*7100 ***15,450**	*7100 ***15,450**	*6400 ***14,000**	5700 **12,200**	*5250 ***10,150**	4400 **9,350**	*3150 ***6,950**	*3150 ***6,950**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*7500 ***16,700**	*7500 ***16,700**	*7450 ***16,200**	*7450 **16,100**	*6550 ***14,250**	5600 **12,050**	*5700 ***12,350**	4350 **9,350**	*3050 ***6,700**	*3050 **6700**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*9300 ***20,450**	*9300 ***20,450**	*7900 ***17,150**	7250 **15,600**	*6750 ***14,600**	5500 **11,800**	*5700 ***12,250**	4300 **9,250**	*3000 ***6,650**	*3000 ***6,650**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*10 300 ***22,300**	9750 **21,000**	*8250 ***17,900**	7000 **15,100**	*6800 ***14,750**	5350 **11,550**	*5550 ***11,900**	4250 **9,150**	*3050 ***6,700**	*3050 ***6,700**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*14 600 ***31,550**	14 300 **30,800**	*10 650 ***23,100**	9350 **20,100**	*8350 ***18,000**	6800 **14,650**	*6700 ***14,400**	5250 **11,300**	*5200 ***10,950**	4200 **9,050**	*3150 ***6,900**	*3150 ***6,900**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*11 750 ***28,050**	*11 750 ***28,050**	*10 300 ***22,250**	9100 **19,550**	*7950 ***17,100**	6650 **14,300**	*6150 ***13,100**	5150 **11,100**	*4250 ***8,700**	4200 ***8,700**	*3200 ***7,000**	*3200 ***7,000**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*4700 ***10,700**	*4700 ***10,700**	*11 800 ***25,800**	*11 800 ***25,800**	*9000 ***19,350**	8950 **19,250**	*6850 ***14,600**	6550 **14,150**	*4950 ***10,350**	*4950 ***10,350**			*3650 ***8,050**	*3650 ***8,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*6600	*6600							*5650	*5650	6800

* **ISO 10567:2007**

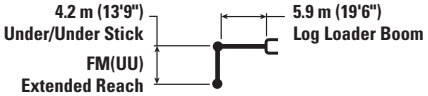
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

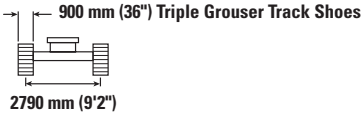
Lift capacity stays with ±5% for all available track shoes.

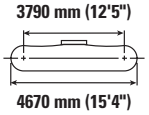
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm 35'0"	kg lb			*20,500 *20,500	*20,500 *20,500									*6450 *15,050	*6450 *15,050	5910 18'02"
10 500 mm 35'0"	kg lb					*8400 *18,250	*8400 *18,250	*6600 *12,700	*6600 *12,700					*4800 *10,850	*4800 *10,850	7940 25'05"
9000 mm 30'0"	kg lb							*7750 *16,850	7650 16,350	*5700 *10,100	5600 *10,100			*4100 *9,150	*4100 *9,150	9310 30'01"
7500 mm 25'0"	kg lb							*7650 *16,700	*7650 16,500	*7050 *15,400	5700 12,200			*3700 *8,200	*3700 *8,200	10270 33'05"
6000 mm 20'0"	kg lb					*17,400	*17,400	*7800 *17,050	7650 16,400	*7100 *15,450	5700 12,200	*5750 *11,200	4400 9,350	*3500 *7,700	*3500 *7,700	10950 35'09"
4500 mm 15'0"	kg lb					*8200 *18,250	*8200 *18,250	*8200 *17,850	7500 16,100	*7250 *15,750	5600 12,050	5900 12,650	4350 9,350	*3400 *7,450	*3400 *7,450	11390 37'03"
3000 mm 10'0"	kg lb					*10 150 *22,350	*10 150 21,950	*8700 *18,900	7250 15,600	7400 15,950	5500 11,800	5850 12,550	4300 9,250	*3350 *7,350	*3350 *7,350	11610 38'00"
1500 mm 5'0"	kg lb					*11 350 *24,600	9750 21,000	*9100 *19,750	7000 15,100	7250 15,650	5350 11,550	5800 12,400	4250 9,150	*3400 *7,400	*3400 *7,400	11640 38'02"
0 mm 0'0"	kg lb			*16 050 *34,800	14 300 30,800	*11 800 *6450	9350 20,100	*9200 *19,950	6800 14,650	7150 15,350	5250 11,300	5700 *12,250	4200 9,050	*3500 *7,650	*3500 *7,650	11470 37'07"
–1500 mm –5'0"	kg lb			*12 850 *30,600	*12 850 29,750	*11 400 *24,600	9100 19,550	*8800 *18,950	6650 14,300	*6850 *14,600	5150 11,100	*4800 *9,750	4200 9,000	*3600 *7,950	*3600 *7,950	10990 35'11"
–3000 mm –10'0"	kg lb	*5150 *11,750	*5150 *11,750	*12 900 *28,600	*12 900 *28,600	*10 000 *21,500	8950 19,250	*7600 *16,300	6550 14,150	*5550 *11,600	5150 11,050			*4100 *9,050	*4100 *9,050	9870 32'02"
–4500 mm –15'0"	kg lb					*7400	*7400							*6300	*6300	6800

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

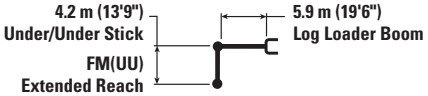
Lift capacity stays with ±5% for all available track shoes.

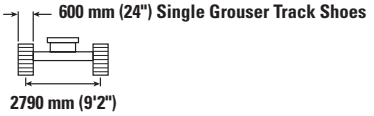
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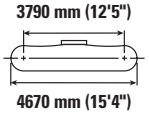
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***18,750**	***18,750**									*5900 ***13,750**	*5900 ***13,750**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*7650 ***16,650**	*7650 ***16,650**	*6050 ***11,600**	*6050 ***11,600**					*4400 ***9,850**	*4400 ***9,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7050 ***15,400**	*7050 ***15,400**	*5200 ***9,200**	*5200 ***9,200**			*3750 ***8,300**	*3750 ***8,300**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*6950 ***15,150**	*6950 ***15,150**	*6400 ***13,950**	5450 **11,650**			*3350 ***7,450**	*3350 ***7,450**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***15,900**	***15,900**	*7100 ***15,450**	*7100 ***15,450**	*6400 ***14,000**	5450 **11,650**	*5250 ***10,150**	4150 **8,900**	*3150 ***6,950**	*3150 ***6,950**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*7500 ***16,700**	*7500 ***16,700**	*7450 ***16,200**	7150 **15,400**	*6550 ***14,250**	5350 **11,500**	5600 **12,050**	4150 **8,900**	*3050 ***6,700**	*3050 ***6,700**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*9300 ***20,450**	*9300 ***20,450**	*7900 ***17,150**	6950 **14,950**	*6750 ***14,600**	5250 **11,300**	5550 **11,950**	4100 **8,800**	*3000 ***6,650**	*3000 ***6,650**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*10 300 ***22,300**	9350 **20,100**	*8250 ***17,900**	6700 **14,450**	*6800 ***14,750**	5100 **11,000**	5500 **11,800**	4050 **8,700**	*3050 ***6,700**	*3050 ***6,700**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*14 600 ***31,550**	13 700 **29,450**	*10 650 ***23,100**	8950 **19,250**	*8350 ***18,000**	6500 **13,950**	*6700 ***14,400**	5000 **10,750**	*5200 ***10,950**	4000 **8,600**	*3150 ***6,900**	*3150 ***6,900**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*11 750 ***28,050**	*11 750 ***28,050**	*10 300 ***22,250**	8650 **18,650**	*7950 ***17,100**	6350 **13,650**	*6150 ***13,100**	4900 **10,550**	*4250 ***8,700**	3950 **8,550**	*3200 ***7,000**	*3200 ***7,000**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*4700 ***10,700**	*4700 ***10,700**	*11 800 ***25,800**	*11 800 ***25,800**	*9000 ***19,350**	8550 **18,400**	*6850 ***14,600**	6250 **13,500**	*4950 ***10,350**	4900 ***10,350**			*3650 ***8,050**	*3650 ***8,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*6600	*6600							*5650	*5650	6800

* **ISO 10567:2007**

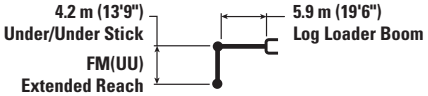
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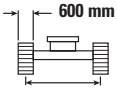
Lift capacity stays with ±5% for all available track shoes.

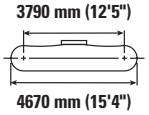
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **35'0"**	kg **lb**			***20,500**	***20,500**									*6450 ***15,050**	*6450 ***15,050**	5910 **18'02"**
10 500 mm **35'0"**	kg **lb**					*8400 ***18,250**	*8400 ***18,250**	*6600 ***12,700**	*6600 ***12,700**					*4800 ***10,850**	*4800 ***10,850**	7940 **25'05"**
9000 mm **30'0"**	kg **lb**							*7750 ***16,850**	7350 **15,700**	*5700 ***10,100**	5350 ***10,100**			*4100 ***9,150**	*4100 ***9,150**	9310 **30'01"**
7500 mm **25'0"**	kg **lb**							*7650 ***16,700**	7400 **15,850**	*7050 ***15,400**	5450 **11,650**			*3700 ***8,200**	*3700 ***8,200**	10270 **33'05"**
6000 mm **20'0"**	kg **lb**					***17,400**	***17,400**	*7800 ***17,050**	7300 **15,700**	*7100 ***15,450**	5450 **11,650**	5600 ***11,200**	4150 **8,900**	*3500 ***7,700**	*3500 ***7,700**	10950 **35'09"**
4500 mm **15'0"**	kg **lb**					*8200 ***18,250**	*8200 ***18,250**	*8200 ***17,850**	7150 **15,400**	7200 **15,450**	5350 **11,500**	5600 **12,050**	4150 **8,900**	*3400 ***7,450**	*3400 ***7,450**	11390 **37'03"**
3000 mm **10'0"**	kg **lb**					*10 150 ***22,350**	9800 **21,100**	*8700 ***18,900**	6950 **14,950**	7050 **15,200**	5250 **11,300**	5550 **11,950**	4100 **8,800**	*3350 ***7,350**	*3350 ***7,350**	11610 **38'00"**
1500 mm **5'0"**	kg **lb**					*11 350 ***24,600**	9350 **20,100**	*9100 **19,650**	6700 **14,450**	6950 **14,900**	5100 **11,000**	5500 **11,800**	4050 **8,700**	*3400 ***7,400**	*3400 ***7,400**	11640 **38'02"**
0 mm **0'0"**	kg **lb**			*16 050 ***34,800**	13 700 **29,450**	*11 800 ***25,500**	8950 **19,250**	8900 **19,100**	6500 **13,950**	6800 **14,650**	5000 **10,750**	5450 **11,700**	4000 **8,600**	*3500 ***7,650**	*3500 ***7,650**	11470 **37'07"**
–1500 mm **–5'0"**	kg **lb**			*12 850 ***30,600**	*12 850 **28,450**	*11 400 ***24,600**	8650 **18,650**	8700 **18,750**	6350 **13,650**	6700 **14,450**	4900 **10,550**	*4800 ***9,750**	3950 **8,550**	*3600 ***7,950**	*3600 ***7,950**	10990 **35'11"**
–3000 mm **–10'0"**	kg **lb**	*5150 ***11,750**	*5150 ***11,750**	*12 900 ***28,600**	*12 900 **28,100**	*10 000 ***21,500**	8550 **18,400**	*7600 ***16,300**	6250 **13,500**	*5550 ***11,600**	4900 **10,550**			*4100 ***9,050**	*4100 ***9,050**	9870 **32'02"**
–4500 mm **–15'0"**	kg **lb**					*7400	*7400							*6300	*6300	6800

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

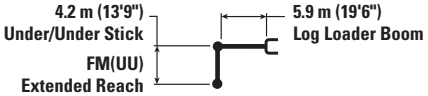
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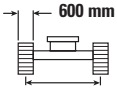
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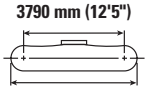
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											19600	19600	1890
10 500 mm **35'0"**	kg **lb**			*10 900 ***23,600**	*10 900 ***23,600**							*7700 ***17,650**	*7700 ***17,650**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*9300 ***20,500**	*9300 ***20,500**					*5950 ***13,300**	*5950 ***13,300**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*9150 ***19,950**	*9150 ***19,950**	*8150 ***17,800**	7300 **15,600**			*5200 ***11,500**	*5200 ***11,500**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***21,600**	***21,600**	*9400 ***20,500**	*9400 ***20,500**	*8200 ***17,850**	7250 **15,600**	*7150 ***15,400**	5450 **11,700**	*4800 ***10,600**	*4800 ***10,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*10 500 ***23,250**	*10 500 ***23,250**	*10 050 ***21,750**	9950 **21,450**	*8450 ***18,300**	7150 **15,400**	*7200 ***15,550**	5450 **11,700**	*4600 ***10,100**	*4600 ***10,100**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***30,450**	***30,450**	*10 700 ***23,200**	9650 **20,750**	*8700 ***18,800**	7000 **15,050**	*7150 ***15,450**	5400 **11,550**	*4550 ***9,950**	4450 **9,800**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*11 100 ***24,000**	9300 **20,050**	*8750 ***18,900**	6800 **14,700**	*6950 ***14,950**	5300 **11,400**	*4550 ***10,050**	4450 **9,750**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*10 600 ***25,700**	*10 600 ***25,700**	*10 800 ***23,350**	9050 **19,550**	*8350 ***18,000**	6700 **14,400**	*6350 ***13,550**	5250 **11,300**	*4100 ***8,950**	*4100 ***8,950**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3550 ***8,150**	*3550 ***8,150**	*11 000 ***25,900**	*11 000 ***25,900**	*9600 ***20,700**	8950 **19,300**	*7300 ***15,650**	6650 **14,300**	*5050 ***10,350**	*5050 ***10,350**	*4300 ***9,400**	*4300 ***9,400**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*7300 ***15,550**	*7300 ***15,550**					*5750 ***13,050**	*5750 ***13,050**	7140 **22'09"**

* **ISO 10567:2007**

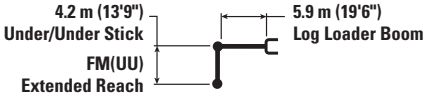
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

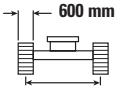
Lift capacity stays with ±5% for all available track shoes.

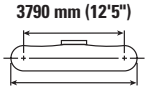
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*21 300	*21 300	1890
10 500 mm **35'0"**	kg **lb**			*11 900 ***25,750**	*11 900 ***25,750**							*8400 ***19,300**	*8400 ***19,300**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*10 200 ***22,450**	*10 200 **21950**					*6500 ***14,550**	*6500 ***14,550**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*10 000 ***21,850**	*10 000 ***21,850**	*8950 ***19,550**	7300 **15,600**			*5700 ***12,600**	*5700 ***12,600**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			 ***23,500**	 ***23,500**	*10 300 ***22,450**	10 200 **21,950**	*9000 ***19,600**	7250 **15,600**	7300 **15,600**	5450 **11,700**	*5250 ***11,600**	5000 **11,100**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*11 450 ***25,350**	*11 450 ***25,350**	*11 000 ***23,850**	9950 **21,450**	*9250 ***20,100**	7150 **15,400**	7250 **15,600**	5450 **11,700**	*5050 ***11,100**	4650 **10,250**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			 ***33,400**	 **32,050**	*11 750 ***25 500**	9650 **20,750**	9400 **20,200**	7000 **15,050**	7200 **15,450**	5400 **11,550**	*4950 ***10,900**	4450 **9,800**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*12 200 ***26,400**	9300 **20,050**	9200 **19,850**	6800 **14,700**	7100 **15,300**	5300 **11,400**	*5000 ***11,000**	4450 ***9,750**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*11 550 ***28,000**	*11 550 ***28,000**	*11 900 ***25,750**	9050 **19,550**	9100 **19,550**	6700 **14,400**	7050 ***15,050**	5250 **11,300**	*4550 ***10,000**	*4550 ***10,000**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3900 ***8,900**	*3900 ***8,900**	*12 000 ***28,250**	*12 000 ***28,250**	*10 600 ***22,850**	8950 **19,300**	*8100 ***17,300**	6650 **14,300**	*5600 ***11,500**	5250 **11,300**	*4750 ***10,500**	*4750 ***10,500**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*8100 ***17,250**	*8100 ***17,250**					*6400 ***14,550**	*6400 ***14,550**	7140 **22'09"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

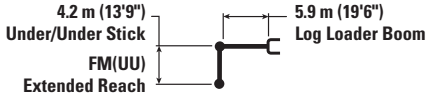
Lift capacity stays with ±5% for all available track shoes.

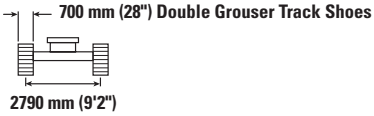
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

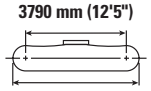
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*19 600 ****	*19 600 ****	1890 ****
10 500 mm **35'0"**	kg **lb**			*10 900 ***23,600**	*10 900 ***23,600**							*7700 ***17,650**	*7700 ***17,650**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*9300 ***20,500**	*9300 ***20,500**					*5950 ***13,300**	*5950 ***13,300**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*9150 ***19,950**	*9150 ***19,950**	*8150 ***17,800**	7350 **15,750**			*5200 ***11,500**	*5200 ***11,500**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***21,600**	***21,600**	*9400 ***20,500**	*9400 ***20,500**	*8200 ***17,850**	7350 **15,750**	*7150 ***15,400**	5500 **11,850**	*4800 ***10,600**	*4800 ***10,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*10 500 ***23,250**	*10 500 ***23,250**	*10 050 ***21,750**	*10 050 **21,650**	*8450 ***18,300**	7200 **15,550**	*7200 ***15,550**	5500 **11,800**	*4600 ***10,100**	*4600 ***10,100**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***30,450**	***30,450**	*10 700 ***23,200**	9750 **21,000**	*8700 ***18,800**	7050 **15,200**	*7150 ***15,450**	5450 **11,700**	*4550 ***9,950**	4500 **9,900**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*11 100 ***24,000**	9400 **20,250**	*8750 ***18,900**	6900 **14,850**	*6950 ***14,950**	5350 **11,500**	*4550 ***10,050**	4500 **9,850**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*10 600 ***25,700**	*10 600 ***25,700**	*10 800 ***23,350**	9150 **19,750**	*8350 ***18,000**	6750 **14,550**	*6350 ***13,550**	5300 **11,400**	*4100 ***8,950**	*4100 ***8,950**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3550 ***8,150**	*3550 ***8,150**	*11 000 ***25,900**	*11 000 ***25,900**	*9600 ***20,700**	9050 **19,500**	*7300 ***15,650**	6700 **14,450**	*5050 ***10,350**	*5050 ***10,350**	*4300 ***9,400**	*4300 ***9,400**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*7300 ***15,550**	*7300 ***15,550**					*5750 ***13,050**	*5750 ***13,050**	7140 **22'09"**

* **ISO 10567:2007**

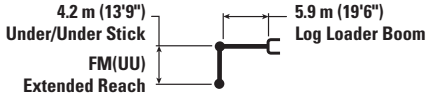
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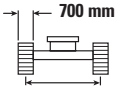
Lift capacity stays with ±5% for all available track shoes.

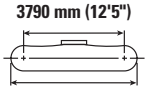
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm 35'0"	kg lb											*21 300	*21 300	1890
10 500 mm 35'0"	kg lb			*11 900 *25,750	*11 900 *25,750							*8400 *19,300	*8400 *19,300	5680 17'09"
9000 mm 30'0"	kg lb					*10 200 *22,450	*10 200 22,150					*6500 *14,550	*6500 *14,550	7480 24'00"
7500 mm 25'0"	kg lb					*10 000 *21,850	*10 000 *21,850	*8950 *19,550	7350 15,750			*5700 *12,600	*5700 *12,600	8660 28'01"
6000 mm 20'0"	kg lb			*23,500	*23,500	*10 300 *22,450	10 300 22,150	*9000 *19,600	7350 15,750	7350 15,750	5500 11,850	*5250 *11,600	5050 11,250	9450 30'10"
4500 mm 15'0"	kg lb			*11 450 *25,350	*11 450 *25,350	*11 000 *23,850	10 050 21,650	*9250 *20,100	7200 15,550	7350 15,750	5500 11,800	*5050 *11,100	4700 10,350	9950 32'07"
3000 mm 10'0"	kg lb			*33,400	32,350	*11 750 *25,500	9750 21,000	9500 20,450	7050 15,200	7250 15,600	5450 11,700	*4950 *10,900	4500 9,900	10210 33'05"
1500 mm 5'0"	kg lb					*12 200 *26,400	9400 20,250	9300 20,050	6900 14,850	7200 15,450	5350 11,500	*5000 *11,000	4500 9,850	10240 33'07"
0 mm 0'0"	kg lb			*11 550 *28,000	*11 550 *28,000	*11 900 *25,750	9150 19,750	9200 19,750	6750 14,550	*7050 *15,050	5300 11,400	*4550 *10,000	*4550 *10,000	10050 32'11"
–1500 mm –5'0"	kg lb	*3900 *8,900	*3900 *8,900	*12 000 *28,250	*12 000 *28,250	*10 600 *22,850	9050 19,500	*8100 *17,300	6700 14,450	*5600 *11,500	5300 11,400	*4750 *10,500	*4750 *10,500	9340 30'06"
–3000 mm –10'0"	kg lb					*8100 *17,250	*8100 *17,250					*6400 *14,550	*6400 *14,550	7140 22'09"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

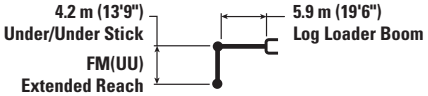
Lift capacity stays with ±5% for all available track shoes.

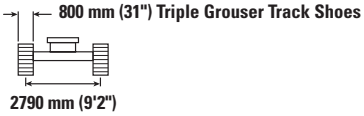
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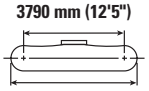
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*19 600 ****	*19 600 ****	1890
10 500 mm **35'0"**	kg **lb**			*10 900 ***23,600**	*10 900 ***23,600**							*7700 ***17,650**	*7700 ***17,650**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*9300 ***20,500**	*9300 ***20,500**					*5950 ***13,300**	*5950 ***13,300**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*9150 ***19,950**	*9150 ***19,950**	*8150 ***17,800**	7400 **15,850**			*5200 ***11,500**	*5200 ***11,500**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***21,600**	***21,600**	*9400 ***20,500**	*9400 ***20,500**	*8200 ***17,850**	7350 **15,850**	*7150 ***15,400**	5550 **11,900**	*4800 ***10,600**	*4800 ***10,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*10 500 ***23,250**	*10 500 ***23,250**	*10 050 ***21,750**	*10 050 ***21,750**	*8450 ***18,300**	7250 **15,600**	*7200 ***15,550**	5550 **11,850**	*4600 ***10,100**	*4600 ***10,100**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***30,450**	***30,450**	*10 700 ***23,200**	9800 **21,050**	*8700 ***18,800**	7100 **15,250**	*7150 ***15,450**	5450 **11,750**	*4550 ***9,950**	*4550 ***9,950**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*11 100 ***24,000**	9450 **20,350**	*8750 ***18,900**	6900 **14,900**	*6950 ***14,950**	5400 **11,600**	*4550 ***10,050**	4500 **9,900**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*10 600 ***25,700**	*10 600 ***25,700**	*10 800 ***23,350**	9200 **19,850**	*8350 ***18,000**	6800 **14,650**	*6350 ***13,550**	5300 **11,450**	*4100 ***8,950**	*4100 ***8,950**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3550 ***8,150**	*3550 ***8,150**	*11 000 ***25,900**	*11 000 ***25,900**	*9600 ***20,700**	9100 **19,600**	*7300 ***15,650**	6750 **14,500**	*5050 ***10,350**	*5050 ***10,350**	*4300 ***9,400**	*4300 ***9,400**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*7300 ***15,550**	*7300 ***15,550**					*5750 ***13,050**	*5750 ***13,050**	7140 **22'09"**

* **ISO 10567:2007**

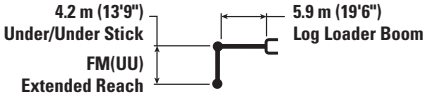
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Lift capacity stays with ±5% for all available track shoes.

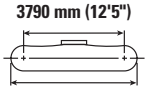
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											21300	21300	1890
10 500 mm **35'0"**	kg **lb**			*11 900 ***25,750**	*11 900 ***25,750**							*8400 ***19,300**	*8400 ***19,300**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*10 200 ***22,450**	*10 200 **22,250**					*6500 ***14,550**	*6500 ***14,550**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*10 000 ***21,850**	*10 000 ***21,850**	*8950 ***19,550**	7400 **15,850**			*5700 ***12,600**	*5700 ***12,600**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***23,500**	***23,500**	*10 300 ***22,450**	*10 300 **22,250**	*9000 ***19,600**	7350 **15,850**	7400 **15,850**	5550 **11,900**	*5250 ***11,600**	5100 **11,300**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*11 450 ***25,350**	*11 450 ***25,350**	*11 000 ***23,850**	10 100 **21,750**	*9250 ***20,100**	7250 **15,600**	7350 **15,850**	5550 **11,850**	*5050 ***11,100**	4700 **10,400**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***33,400**	**32,500**	*11 750 ***25,500**	9800 **21,050**	9550 **20,550**	7100 **15,250**	7300 **15,700**	5450 **11,750**	*4950 ***10,900**	4550 **9,950**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*12 200 ***26,400**	9450 **20,350**	9350 **20,150**	6900 **14,900**	7200 **15,500**	5400 **11,600**	*5000 ***11,000**	4500 **9,900**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*11 550 ***28,000**	*11 550 ***28,000**	*11 900 ***25,750**	9200 **19,850**	*9200 ***19,850**	6800 **14,650**	*7050 ***15,050**	5300 **11,450**	*4550 ***10,000**	*4550 ***10,000**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3900 ***8,900**	*3900 ***8,900**	*12 000 ***28,250**	*12 000 ***28,250**	*10 600 ***22,850**	9100 **19,600**	*8100 ***17,300**	6750 **14,500**	*5600 ***11,500**	5300 **11,450**	*4750 ***10,500**	*4750 ***10,500**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*8100 ***17,250**	*8100 ***17,250**					*6400 ***14,550**	*6400 ***14,550**	7140 **22'09"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

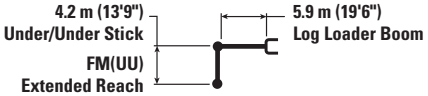
Lift capacity stays with ±5% for all available track shoes.

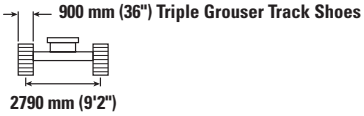
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

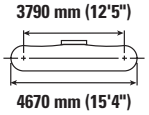
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*19 600	*19 600	1890
10 500 mm **35'0"**	kg **lb**			*10 900 ***23,600**	*10 900 ***23,600**							*7700 ***17,650**	*7700 ***17,650**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*9300 ***20,500**	*9300 ***20,500**					*5950 ***13,300**	*5950 ***13,300**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*9150 ***19,950**	*9150 ***19,950**	*8150 ***17,800**	7600 **16,250**			*5200 ***11,500**	*5200 ***11,500**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***21,600**	***21,600**	*9400 ***20,500**	*9400 ***20,500**	*8200 ***17,850**	7550 **16,250**	*7150 ***15,400**	5700 **12,200**	*4800 ***10,600**	*4800 ***10,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*10 500 ***23,250**	*10 500 ***23,250**	*10 050 ***21,750**	*10 050 ***21,750**	*8450 ***18,300**	7450 **16,050**	*7200 ***15,550**	5700 **12,200**	*4600 ***10,100**	*4600 ***10,100**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***30,450**	***30,450**	*10 700 ***23,200**	10 050 **21,650**	*8700 ***18,800**	7300 **15,700**	*7150 ***15,450**	5600 **12,100**	*4550 ***9,950**	*4550 ***9,950**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*11 100 ***24,000**	9700 **20,900**	*8750 ***18,900**	7100 **15,350**	*6950 ***14,950**	5550 **11,900**	*4550 ***10,050**	*4550 ***10,050**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*10 600 ***25,700**	*10 600 ***25,700**	*10 800 ***23,350**	9450 **20,400**	*8350 ***18,000**	7000 **15,050**	*6350 ***13,550**	5500 **11,800**	*4100 ***8,950**	*4100 ***8,950**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3550 ***8,150**	*3550 ***8,150**	*11 000 ***25,900**	*11 000 ***25,900**	*9600 ***20,700**	9350 **20,150**	*7300 ***15,650**	6950 **14,900**	*5050 ***10,350**	*5050 ***10,350**	*4300 ***9,400**	*4300 ***9,400**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*7300 ***15,550**	*7300 ***15,550**					*5750 ***13,050**	*5750 ***13,050**	7140 **22'09"**

* **ISO 10567:2007**

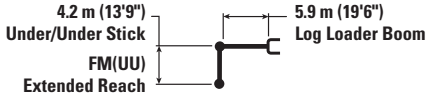
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

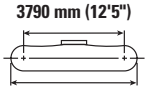
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*21 300	*21 300	1890
10 500 mm **35'0"**	kg **lb**			*11 900 ***25,750**	*11 900 ***25,750**							*8400 ***19,300**	*8400 ***19,300**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*10 200 ***22,450**	*10 200 ***22,450**					*6500 ***14,550**	*6500 ***14,550**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*10 000 ***21,850**	*10 000 ***21,850**	*8950 ***19,550**	7600 **16,250**			*5700 ***12,600**	*5700 ***12,600**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***23,500**	***23,500**	*10 300 ***22,450**	*10 300 ***22,450**	*9000 ***19,600**	7550 **16,250**	7600 **16,300**	5700 **12,200**	*5250 ***11,600**	5250 ***11,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*11 450 ***25,350**	*11 450 ***25,350**	*11 000 ***23,850**	10 350 **22,350**	*9250 ***20,100**	7450 **16,050**	7600 **16,300**	5700 **12,200**	*5050 ***11,100**	4850 **10,700**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***33,400**	***33,300**	*11 750 ***25,500**	10 050 **21,650**	*9550 ***20,700**	7300 **15,700**	7500 **16,150**	5600 **12,100**	*4950 ***10,900**	4650 **10,250**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*12 200 ***26,400**	9700 **20,900**	*9600 **20,750**	7100 **15,350**	7450 **16,000**	5550 **11,900**	*5000 ***11,000**	4650 **10,200**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*11 550 ***28,000**	*11 550 ***28,000**	*11 900 ***25,750**	9450 **20,400**	*9200 ***19,900**	7000 **15,050**	*7050 ***15,050**	5500 **11,800**	*4550 ***10,000**	*4550 ***10,000**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3900 ***8,900**	*3900 ***8,900**	*12 000 ***28,250**	*12 000 ***28,250**	*10 600 ***22,850**	9350 **20,150**	*8100 ***17,300**	6950 **14,900**	*5600 ***11,500**	5450 ***11,500**	*4750 ***10,500**	*4750 ***10,500**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*8100 ***17,250**	*8100 ***17,250**					*6400 ***14,550**	*6400 ***14,550**	7140 **22'09"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

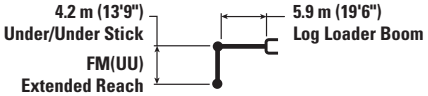
Lift capacity stays with ±5% for all available track shoes.

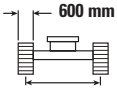
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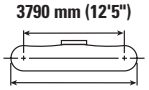
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm **35'0"**	kg **lb**											*19 600 ****	*19 600 ****	1890
10 500 mm **35'0"**	kg **lb**			*10 900 ***23,600**	*10 900 ***23,600**							*7700 ***17,650**	*7700 ***17,650**	5680 **17'09"**
9000 mm **30'0"**	kg **lb**					*9300 ***20,500**	*9300 ***20,500**					*5950 ***13,300**	*5950 ***13,300**	7480 **24'00"**
7500 mm **25'0"**	kg **lb**					*9150 ***19,950**	*9150 ***19,950**	*8150 ***17,800**	7250 **15,600**			*5200 ***11,500**	*5200 ***11,500**	8660 **28'01"**
6000 mm **20'0"**	kg **lb**			***21,600**	***21,600**	*9400 ***20,500**	*9400 ***20,500**	*8200 ***17,850**	7250 **15,600**	*7150 ***15,400**	5450 **11,700**	*4800 ***10,600**	*4800 ***10,600**	9450 **30'10"**
4500 mm **15'0"**	kg **lb**			*10 500 ***23,250**	*10 500 ***23,250**	*10 050 ***21,750**	9950 **21,450**	*8450 ***18,300**	7150 **15,350**	*7200 ***15,550**	5450 **11,700**	*4600 ***10,100**	*4600 ***10,100**	9950 **32'07"**
3000 mm **10'0"**	kg **lb**			***30,450**	***30,450**	*10 700 ***23,200**	9650 **20,750**	*8700 ***18,800**	7000 **15,000**	*7150 ***15,400**	5350 **11,550**	*4550 ***9,950**	4450 **9,800**	10210 **33'05"**
1500 mm **5'0"**	kg **lb**					*11 100 ***24,000**	9300 **20,050**	*8750 ***18,900**	6800 **14,650**	*6950 ***14,950**	5300 **11,400**	*4550 ***10,050**	4450 **9,750**	10240 **33'07"**
0 mm **0'0"**	kg **lb**			*10 600 ***25,700**	*10 600 ***25,700**	*10 800 ***23,350**	9050 **19,500**	*8350 ***18,000**	6700 **14,400**	*6350 ***13,550**	5250 **11,250**	*4100 ***8,950**	*4100 ***8,950**	10050 **32'11"**
–1500 mm **–5'0"**	kg **lb**	*3550 ***8,150**	*3550 ***8,150**	*11 000 ***25,900**	*11 000 ***25,900**	*9600 ***20,700**	8950 **19,250**	*7300 ***15,650**	6600 **14,250**	*5050 ***10,350**	*5050 ***10,350**	*4300 ***9,400**	*4300 ***9,400**	9340 **30'06"**
–3000 mm **–10'0"**	kg **lb**					*7300 ***15,550**	*7300 ***15,550**					*5750 ***13,050**	*5750 ***13,050**	7140 **22'09"**

* **ISO 10567:2007**

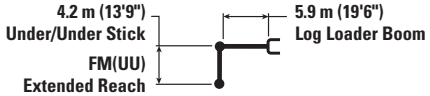
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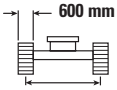
Lift capacity stays with ±5% for all available track shoes.

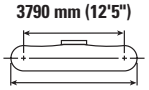
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
12 000 mm 35'0"	kg lb											*21 300	*21 300	1890
10 500 mm 35'0"	kg lb			*11 900 *25,750	*11 900 *25,750							*8400 *19,300	*8400 *19,300	5680 17'09"
9000 mm 30'0"	kg lb					*10 200 *22,450	*10 200 21900					*6500 *14,550	*6500 *14,550	7480 24'00"
7500 mm 25'0"	kg lb					*10 000 *21,850	*10 000 *21,850	*8950 *19,550	7250 15,600			*5700 *12,600	*5700 *12,600	8660 28'01"
6000 mm 20'0"	kg lb			*23,500	*23,500	*10 300 *22,450	10 200 21,950	*9000 *19,600	7250 15,600	7250 15,550	5450 11,700	*5250 *11,600	5000 11,100	9450 30'10"
4500 mm 15'0"	kg lb			*11 450 *25,350	*11 450 *25,350	*11 000 *23,850	9950 21,450	*9250 *20,100	7150 15,350	7250 15,550	5450 11,700	*5050 *11,100	4650 10,200	9950 32'07"
3000 mm 10'0"	kg lb			*33,400	32,000	*11 750 *25,500	9650 20,750	9400 20,200	7000 15,000	7150 15,400	5350 11,550	*4950 *10,900	4450 9,800	10210 33'05"
1500 mm 5'0"	kg lb					*12 200 *26,400	9300 20,050	9200 19,800	6800 14,650	7100 15,250	5300 11,400	*5000 *11,000	4450 9,750	10240 33'07"
0 mm 0'0"	kg lb			*11 550 *28,000	*11 550 *28,000	*11 900 *25,750	9050 19,500	9050 19,500	6700 14,400	7050 *15,050	5250 11,250	*4550 *10,000	4550 10,000	10050 32'11"
–1500 mm –5'0"	kg lb	*3900 *8,900	*3900 *8,900	*12 000 *28,250	*12 000 *28,250	*10 600 *22,850	8950 19,250	*8100 *17,300	6600 14250	*5600 *11,500	5250 11,250	*4750 *10,500	*4750 *10,500	9340 30'06"
–3000 mm –10'0"	kg lb					*8100 *17,250	*8100 *17,250					*6400 *14,550	*6400 *14,550	7140 22'09"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

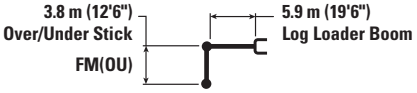
Lift capacity stays with ±5% for all available track shoes.

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

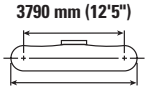
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **40'0"**	kg **lb**			***20,650**	***20,650**	*6550	*6550							*6400 ***14,900**	*6400 ***14,900**	6020 **18'7"**
10 500 mm **35'0"**	kg **lb**					*8350 ***18,200**	*8350 ***18,200**	*6750 ***13,400**	*6750 ***13,400**					*4800 ***10,800**	*4800 ***10,800**	8030 **25'8"**
9000 mm **30'0"**	kg **lb**							*7650 ***16,800**	7050 **15,050**	*5850 ***11,000**	5100 **10,800**			*4050 ***9,050**	*4050 ***9,050**	9380 **30'4"**
7500 mm **25'0"**	kg **lb**							*7550 ***16,500**	7100 **15,200**	6950 **14,900**	5200 **11,100**			*3700 ***8,150**	*3700 ***8,150**	10 340 **33'8"**
6000 mm **20'0"**	kg **lb**							*7700 ***16,800**	7000 **15,050**	6950 **14,850**	5200 **11,100**	5350 **11,400**	3950 **8,400**	*3450 ***7,600**	*3450 ***7,600**	11 010 **35'11"**
4500 mm **15'0"**	kg **lb**					*7900 ***17,600**	*7900 ***17,600**	*8100 ***17,600**	6850 **14,700**	6850 **14,700**	5100 **10,950**	5300 **11,400**	3950 **8,400**	*3300 ***7,300**	*3300 ***7,300**	11 450 **37'5"**
3000 mm **10'0"**	kg **lb**					*9700 ***21,400**	9350 **20,100**	*8600 ***18,650**	6600 **14,200**	6700 **14,400**	4950 **10,650**	5250 **11,250**	3850 **8,300**	*3250 ***7,200**	3250 **7,100**	11 670 **38'3"**
1500 mm **5'0"**	kg **lb**					*11 200 ***24,250**	8850 **19,100**	8650 **18,600**	6350 **13,650**	6550 **14,050**	4800 **10,350**	5200 **11,100**	3800 **8,150**	*3300 ***7,250**	3200 **7,050**	11 700 **38'4"**
0 mm **0'0"**	kg **lb**			***34,400**	**27,900**	*11 650 ***25,200**	8450 **18,150**	8400 **18,050**	6100 **13,150**	6400 **13,800**	4700 **10,050**	5100 **11,000**	3750 **8,000**	*3400 ***7,450**	3300 **7,200**	11 530 **37'9"**
–1500 mm **–5'0"**	kg **lb**			*13 050 ***31,150**	12 500 **26,800**	*11 300 ***24,350**	8150 **17,550**	8200 **17,650**	5950 **12,800**	6300 **13,600**	4600 **9,900**	*4800 ***9,800**	3700 **8,000**	*3500 ***7,700**	3500 **7,650**	11 050 **36'2"**
–3000 mm **–10'0"**	kg **lb**	*5100 ***11,650**	*5100 ***11,650**	*12 950 ***28,450**	12 300 **26,450**	*9900 ***21,350**	8000 **17,250**	*7550 ***16,150**	5850 **12,600**	*5500 ***11,550**	4550 **9,850**			*3950 ***8,800**	*3950 ***8,800**	9950 **32'5"**
–4500 mm **–15'0"**	kg **lb**					*7400 ***15,600**	*7400 ***15,600**							*5850 ***13,900**	*5850 ***13,900**	7120 **21'10"**

* **ISO 10567:2007**

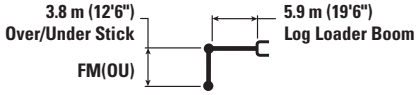
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

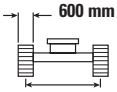
Lift capacity stays with ±5% for all available track shoes.

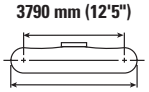
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **40'0"**	kg **lb**			***20,650**	***20,650**	*6550	*6550							*6400 ***14,900**	*6400 ***14,900**	6020 **18'7"**
10 500 mm **35'0"**	kg **lb**					*8350 ***18,200**	*8350 ***18,200**	*6750 ***13,400**	*6750 ***13,400**					*4800 ***10,800**	*4800 ***10,800**	8030 **25'8"**
9000 mm **30'0"**	kg **lb**							*7650 ***16,800**	7050 **15,100**	*5850 ***11,000**	5100 **10,800**			*4050 ***9,050**	*4050 ***9,050**	9380 **30'4"**
7500 mm **25'0"**	kg **lb**							*7550 ***16,500**	7100 **15,200**	6950 **14,900**	5200 **11,150**			*3700 ***8,150**	*3700 ***8,150**	10 340 **33'8"**
6000 mm **20'0"**	kg **lb**							*7700 ***16,800**	7000 **15,050**	6950 **14,900**	5200 **11,100**	5350 **11,400**	3950 **8,450**	*3450 ***7,600**	*3450 ***7,600**	11 010 **35'11"**
4500 mm **15'0"**	kg **lb**					*7900 ***17,600**	*7900 ***17,600**	*8100 ***17,600**	6850 **14,700**	6850 **14,700**	5100 **10,950**	5350 **11,400**	3950 **8,400**	*3300 ***7,300**	*3300 ***7,300**	11 450 **37'5"**
3000 mm **10'0"**	kg **lb**					*9700 ***21,400**	9350 **20,150**	*8600 ***18,650**	6600 **14,200**	6700 **14,400**	4950 **10,650**	5250 **11,300**	3900 **8,300**	*3250 ***7,200**	3250 **7,100**	11 670 **38'3"**
1500 mm **5'0"**	kg **lb**					*11 200 ***24,250**	8900 **19,100**	8650 **18,650**	6350 **13,650**	6550 **14,100**	4850 **10,350**	5200 **11,150**	3800 **8,150**	*3300 ***7,250**	3200 **7,050**	11 700 **38'4"**
0 mm **0'0"**	kg **lb**			***34,400**	**27,950**	*11 650 ***25,200**	8450 **18,200**	8400 **18,100**	6100 **13,150**	6400 **13,800**	4700 **10,100**	5100 **11,000**	3750 **8,050**	*3400 ***7,450**	3300 **7,200**	11 530 **37'9"**
–1500 mm **–5'0"**	kg **lb**			*13 050 ***31,150**	12 500 **26,850**	*11 300 ***24,350**	8150 **17,550**	8250 **17,700**	5950 **12,800**	6350 **13,600**	4600 **9,900**	*4800 ***9,800**	3700 **8,000**	*3500 ***7,700**	3500 **7,700**	11 050 **36'2"**
–3000 mm **–10'0"**	kg **lb**	*5100 ***11,650**	*5100 ***11,650**	*12 950 ***28,450**	12 350 **26,500**	*9900 ***21,350**	8050 **17,300**	*7550 ***16,150**	5900 **12,650**	*5500 ***11,550**	4600 **9,850**			*3950 ***8,800**	*3950 ***8,800**	9950 **32'5"**
–4500 mm **–15'0"**	kg **lb**					*7400 ***15,600**	*7400 ***15,600**							*5850 ***13,900**	*5850 ***13,900**	7120 **21'10"**

* **ISO 10567:2007**

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

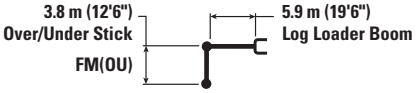
Lift capacity stays with ±5% for all available track shoes.

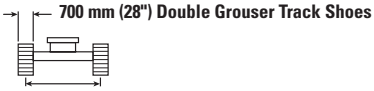
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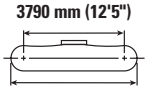
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **40'0"**	kg **lb**			***20,650**	***20,650**	*6550	*6550							*6400 ***14,900**	*6400 ***14,900**	6020 **18'7"**
10 500 mm **35'0"**	kg **lb**					*8350 ***18,200**	*8350 ***18,200**	*6750 ***13,400**	*6750 ***13,400**					*4800 ***10,800**	*4800 ***10,800**	8030 **25'8"**
9000 mm **30'0"**	kg **lb**							*7650 ***16,800**	7150 **15,250**	*5850 ***11,000**	5150 **10,950**			*4050 ***9,050**	*4050 ***9,050**	9380 **30'4"**
7500 mm **25'0"**	kg **lb**							*7550 ***16,500**	7150 **15,350**	*7000 **15,100**	5250 **11,250**			*3700 ***8,150**	*3700 ***8,150**	10 340 **33'8"**
6000 mm **20'0"**	kg **lb**							*7700 ***16,800**	7100 **15,200**	*7000 **15,050**	5250 **11,250**	5400 **11,550**	4000 **8,550**	*3450 ***7,600**	*3450 ***7,600**	11 010 **35'11"**
4500 mm **15'0"**	kg **lb**					*7900 ***17,600**	*7900 ***17,600**	*8100 ***17,600**	6900 **14,850**	6950 **14,850**	5150 **11,050**	5400 **11,550**	4000 **8,500**	*3300 ***7,300**	*3300 ***7,300**	11 450 **37'5"**
3000 mm **10'0"**	kg **lb**					*9700 ***21,400**	9450 **20,350**	*8600 ***18,650**	6700 **14,350**	6800 **14,600**	5050 **10,800**	5350 **11,450**	3950 **8,400**	*3250 ***7,200**	*3250 ***7,200**	11 670 **38'3"**
1500 mm **5'0"**	kg **lb**					*11 200 ***24,250**	9000 **19,300**	8750 **18,850**	6450 **13,800**	6650 **14,250**	4900 **10,500**	5250 **11,250**	3850 **8,250**	*3300 ***7,250**	3250 **7,150**	11 700 **38'4"**
0 mm **0'0"**	kg **lb**			***34,400**	**28,250**	*11 650 ***25,200**	8550 **18,400**	8500 **18,300**	6200 **13,300**	6500 **13,950**	4750 **10,200**	5200 **11,150**	3800 **8,150**	*3400 ***7,450**	3350 **7,300**	11 530 **37'9"**
–1500 mm **–5'0"**	kg **lb**			*13 050 ***31,150**	12 650 **27,150**	*11 300 ***24,350**	8250 **17,750**	8350 **17,900**	6050 **12,950**	6400 **13,750**	4650 **10,050**	*4800 ***9,800**	3750 **8,100**	*3500 ***7,700**	*3500 ***7,700**	11 050 **36'2"**
–3000 mm **–10'0"**	kg **lb**	*5100 ***11,650**	*5100 ***11,650**	*12 950 ***28,450**	12 450 **26,800**	*9900 ***21,350**	8150 **17,500**	*7550 ***16,150**	5950 **12,800**	*5500 ***11,550**	4650 **10,000**			*3950 ***8,800**	*3950 ***8,800**	9950 **32'5"**
–4500 mm **–15'0"**	kg **lb**					*7400 ***15,600**	*7400 ***15,600**							*5850 ***13,900**	*5850 ***13,900**	7120 **21'10"**

* **ISO 10567:2007**

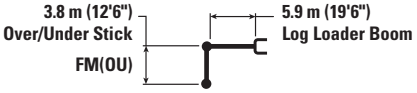
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Lift capacity stays with ±5% for all available track shoes.

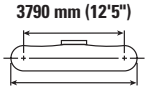
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Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm 40'0"	kg lb					*6550	*6550							*6400 *14,900	*6400 *14,900	6020 18'7"
				*20,650	*20,650											
10 500 mm 35'0"	kg lb					*8350 *18,200	*8350 *18,200	*6750 *13,400	*6750 *13,400					*4800 *10,800	*4800 *10,800	8030 25'8"
9000 mm 30'0"	kg lb							*7650 *16,800	7150 15,300	*5850 *11,000	5200 11,000			*4050 *9,050	*4050 *9,050	9380 30'4"
7500 mm 25'0"	kg lb							*7550 *16,500	7200 15,450	*7000 15,150	5300 11,300			*3700 *8,150	*3700 *8,150	10 340 33'8"
6000 mm 20'0"	kg lb							*7700 *16,800	7100 15,300	*7000 15,150	5250 11,300	5450 *11,600	4050 8,600	*3450 *7,600	*3450 *7,600	11 010 35'11"
4500 mm 15'0"	kg lb					*7900 *17,600	*7900 *17,600	*8100 *17,600	6950 14,950	6950 14,950	5200 11,100	5400 11,600	4000 8,550	*3300 *7,300	*3300 *7,300	11 450 37'5"
3000 mm 10'0"	kg lb					*9700 *21,400	9500 20,450	*8600 *18,650	6700 14,450	6850 14,650	5050 10,850	5350 11,500	3950 8,450	*3250 *7,200	*3250 *7,200	11 670 38'3"
1500 mm 5'0"	kg lb					*11 200 *24,250	9000 19,400	8800 18,950	6450 13,900	6650 14,350	4900 10,550	5300 11,350	3900 8,300	*3300 *7,250	3300 7,200	11 700 38'4"
0 mm 0'0"	kg lb			*34,400	28,400	*11 650 *25,200	8600 18,500	8550 18,400	6250 13,400	6550 14,050	4800 10,250	5200 11,200	3800 8,200	*3400 *7,450	3350 7,350	11 530 37'9"
–1500 mm –5'0"	kg lb			*13 050 *31,150	12 700 27,300	*11 300 *24,350	8300 17,850	8400 18,000	6050 13,050	6450 13,850	4700 10,100	*4800 *9,800	3800 8,150	*3500 *7,700	*3500 *7,700	11 050 36'2"
–3000 mm –10'0"	kg lb	*5100 *11,650	*5100 *11,650	*12 950 *28,450	12 550 26,950	*9900 *21,350	8200 17,600	*7550 *16,150	6000 12,850	*5500 *11,550	4650 10,050			*3950 *8,800	*3950 *8,800	9950 32'5"
–4500 mm –15'0"	kg lb					*7400 *15,600	*7400 *15,600							*5850 *13,900	*5850 *13,900	7120 21'10"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

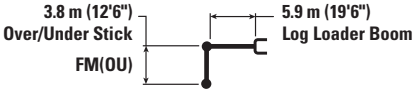
Lift capacity stays with ±5% for all available track shoes.

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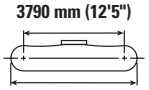
FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader with Live Heel (full-fuel)







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
12 000 mm **40'0"**	kg **lb**			***20,650**	***20,650**	*6550	*6550							*6400 ***14,900**	*6400 ***14,900**	6020 **18'7"**
10 500 mm **35'0"**	kg **lb**					*8350 ***18,200**	*8350 ***18,200**	*6750 ***13,400**	*6750 ***13,400**					*4800 ***10,800**	*4800 ***10,800**	8030 **25'8"**
9000 mm **30'0"**	kg **lb**							*7650 ***16,800**	7350 **15,750**	*5850 ***11,000**	5350 ***11,000**			*4050 ***9,050**	*4050 ***9,050**	9380 **30'4"**
7500 mm **25'0"**	kg **lb**							*7550 ***16,500**	7400 **15,850**	*7000 ***15,250**	5450 **11,650**			*3700 ***8,150**	*3700 ***8,150**	10 340 **33'8"**
6000 mm **20'0"**	kg **lb**							*7700 ***16,800**	7300 **15,700**	*7000 ***15,250**	5450 **11,650**	5600 ***11,600**	4150 **8,850**	*3450 ***7,600**	*3450 ***7,600**	11 010 **35'11"**
4500 mm **15'0"**	kg **lb**					*7900 ***17,600**	*7900 ***17,600**	*8100 ***17,600**	7150 **15,350**	*7150 **15,400**	5350 **11,450**	5600 **12,000**	4150 **8,850**	*3300 ***7,300**	*3300 ***7,300**	11 450 **37'5"**
3000 mm **10'0"**	kg **lb**					*9700 ***21,400**	*9700 **21,000**	*8600 ***18,650**	6900 **14,850**	7050 **15,150**	5200 **11,200**	5550 **11,850**	4100 **8,750**	*3250 ***7,200**	*3250 ***7,200**	11 670 **38'3"**
1500 mm **5'0"**	kg **lb**					*11 200 ***24,250**	9300 **19,950**	*9000 ***19,500**	6650 **14,300**	6900 **14,800**	5050 **10,900**	5450 **11,700**	4000 **8,600**	*3300 ***7,250**	*3300 ***7,250**	11 700 **38'4"**
0 mm **0'0"**	kg **lb**			***34,400**	**29,200**	*11 650 ***25,200**	8850 **19,050**	8850 **19,000**	6400 **13,800**	6750 **14,500**	4950 **10,600**	5400 **11,600**	3950 **8,450**	*3400 ***7,450**	*3400 ***7,450**	11 530 **37'9"**
–1500 mm **–5'0"**	kg **lb**			*13 050 ***31,150**	*13 050 **28,150**	*11 300 ***24,350**	8550 **18,450**	8650 **18,600**	6250 **13,450**	6650 **14,300**	4850 **10,400**	*4800 ***9,800**	3900 **8,450**	*3500 ***7,700**	*3500 ***7,700**	11 050 **36'2"**
–3000 mm **–10'0"**	kg **lb**	*5100 ***11,650**	*5100 ***11,650**	*12 950 ***28,450**	12 900 **27,750**	*9900 ***21,350**	8450 **18,150**	*7550 ***16,150**	6200 **13,300**	*5500 ***11,550**	4800 **10,400**			*3950 ***8,800**	*3950 ***8,800**	9950 **32'5"**
–4500 mm **–15'0"**	kg **lb**					*7400 ***15,600**	*7400 ***15,600**							*5850 ***13,900**	*5850 ***13,900**	7120 **21'10"**

* **ISO 10567:2007**

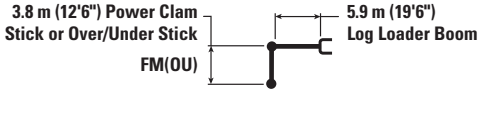
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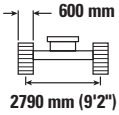
Lift capacity stays with ±5% for all available track shoes.

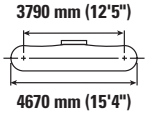
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full-fuel)



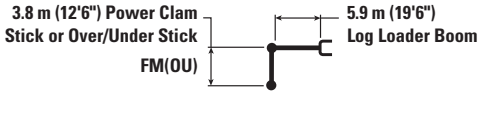


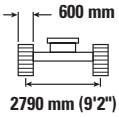


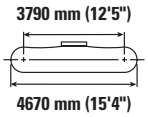
		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
												mm ft/in
10 500 mm 35'0"	kg lb	*12 300 *25,050	*12 300 *25,050							*10 100 *23,550	*10 100 *23,550	4970 15'3"
9000 mm 30'0"	kg lb	*12 200 *26,800	*12 200 *26,800	*10 650 *23,400	9700 20,750					*7400 *16,650	*7400 *16,650	6960 22'3"
7500 mm 25'0"	kg lb			*10 350 *22,550	9800 21,000	*9200 19,650	6850 14,700			*6350 *14,100	5850 13,100	8210 26'7"
6000 mm 20'0"	kg lb	*12 150 *26,950	*12 150 *26,950	*10 600 *23,050	9700 20,800	*9150 19,700	6850 14,750	*6550	5100	*5800 *12,850	5050 11,250	9040 29'6"
4500 mm 15'0"	kg lb	*13 900 *30,550	*13 900 *30,550	*11 250 *24,350	9450 20,300	9050 19,500	6750 14,550	6850 14,700	5150 11,000	*5550 *12,200	4650 10,250	9570 31'3"
3000 mm 10'0"	kg lb	*34,100	30,250	*11 900 *25,750	9100 19,650	8900 19,150	6600 14,200	6800 14,600	5100 10,900	*5450 *12,000	4450 9,800	9840 32'2"
1500 mm 5'0"	kg lb			12 150 26,150	8800 19,000	8750 18,800	6450 13,900	6700 14,450	5000 10,800	*5500 *12,100	4400 9,700	9870 32'4"
0 mm 0'0"	kg lb	*10 600 *25,650	*10 600 *25,650	*11 650 *25,200	8600 18,500	8600 18,550	6350 13,650	*6600 *13,950	4950 10,700	*4650 *10,200	4550 10,000	9670 31'8"
–1500 mm –5'0"	kg lb	*12 300 *28,100	*12 300 27,850	*10 050 *21,700	8500 18,350	*7600 *16,200	6300 13,550			*5050 *11,100	*5050 *11,100	8860 28'11"

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full-fuel)







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
												mm ft/in
10 500 mm 35'0"	kg lb	*12 300 *25,050	*12 300 *25,050							*10 100 *23,550	*10 100 *23,550	4970 15'3"
9000 mm 30'0"	kg lb	*12 200 *26,800	*12 200 *26,800	*10 650 *23,400	9700 20,750					*7400 *16,650	*7400 *16,650	6960 22'3"
7500 mm 25'0"	kg lb			*10 350 *22,550	9800 21,050	*9200 19,700	6900 14,750			*6350 *14,100	5900 13,150	8210 26'7"
6000 mm 20'0"	kg lb	*12 150 *26,950	*12 150 *26,950	*10 600 *23,050	9700 20,850	*9150 19,750	6900 14,750	*6550	5150	*5800 *12,850	5100 11,250	9040 29'6"
4500 mm 15'0"	kg lb	*13 900 *30,550	*13 900 *30,550	*11 250 *24,350	9450 20,350	9050 19,500	6750 14,550	6850 14,750	5150 11,050	*5550 *12,200	4650 10,250	9570 31'3"
3000 mm 10'0"	kg lb	*34,100	30,300	*11 900 *25,750	9150 19,650	8900 19,150	6600 14,250	6800 14,650	5100 10,950	*5450 *12,000	4450 9,800	9840 32'2"
1500 mm 5'0"	kg lb			*12 150 26,200	8850 19,000	8750 18,800	6450 13,900	6750 14,500	5000 10,800	*5500 *12,100	4450 9,750	9870 32'4"
0 mm 0'0"	kg lb	*10 600 *25,650	*10 600 *25,650	*11 650 *25,200	8600 18,550	8600 18,550	6350 13,700	*6600 *13,950	5000 10,700	*4650 *10,200	4550 10,000	9670 31'8"
–1500 mm –5'0"	kg lb	*12 300 *28,100	*12 300 27,850	*10 050 *21,700	8550 18,400	*7600 *16,200	6300 13,600			*5050 *11,100	*5050 *11,100	8860 28'11"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

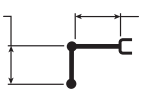
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

FM538 GF/FM538 LL Forest Machine Specifications

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

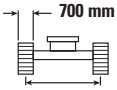
Log Loader without Live Heel (full-fuel)

3.8 m (12'6") Power Clam Stick or Over/Under Stick FM(OU)



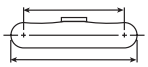
5.9 m (19'6") Log Loader Boom

700 mm (28") Double Grouser Track Shoes



2790 mm (9'2")

3790 mm (12'5")



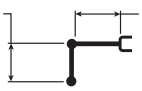
4670 mm (15'4")

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
												mm ft/in
10 500 mm 35'0"	kg lb	*12 300 *25,050	*12 300 *25,050							*10 100 *23,550	*10 100 *23,550	4970 15'3"
9000 mm 30'0"	kg lb	*12 200 *26,800	*12 200 *26,800	*10 650 *23,400	9800 20,950					*7400 *16,650	*7400 *16,650	6960 22'3"
7500 mm 25'0"	kg lb			*10 350 *22,550	9900 21,250	*9200 19,900	6950 14,900			*6350 *14,100	5950 13,250	8210 26'7"
6000 mm 20'0"	kg lb	*12 150 *26,950	*12 150 *26,950	*10 600 *23,050	9800 21,050	*9150 19,950	6950 14,900	*6550	5200	*5800 *12,850	5150 11,400	9040 29'6"
4500 mm 15'0"	kg lb	*13 900 *30,550	*13 900 *30,550	*11 250 *24,350	9550 20,550	9150 19,700	6850 14,700	6950 14,900	5200 11,150	*5550 *12,200	4700 10,400	9570 31'3"
3000 mm 10'0"	kg lb	*34,100	30,600	*11 900 *25,750	9200 19,850	9000 19,350	6700 14,400	6900 14,800	5150 11,050	*5450 *12,000	4500 9,900	9840 32'2"
1500 mm 5'0"	kg lb			*12 150 *26,350	8900 19,200	8850 19,000	6550 14,050	6800 14,650	5100 10,900	*5500 *12,100	4500 9,850	9870 32'4"
0 mm 0'0"	kg lb	*10 600 *25,650	*10 600 *25,650	*11 650 *25,200	8700 18,750	8700 18,750	6400 13,850	*6600 *13,950	5050 10,850	*4650 *10,200	4600 10,150	9670 31'8"
–1500 mm –5'0"	kg lb	*12 300 *28,100	*12 300 *28,100	*10 050 *21,700	8650 18,600	*7600 *16,200	6400 13,750			*5050 *11,100	*5050 *11,100	8860 28'11"

Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

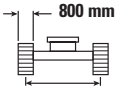
Log Loader without Live Heel (full-fuel)

3.8 m (12'6") Power Clam Stick or Over/Under Stick FM(OU)



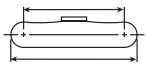
5.9 m (19'6") Log Loader Boom

800 mm (31") Triple Grouser Track Shoes



2790 mm (9'2")

3790 mm (12'5")



4670 mm (15'4")

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
												mm ft/in
10 500 mm 35'0"	kg lb	*12 300 *25,050	*12 300 *25,050							*10 100 *23,550	*10 100 *23,550	4970 15'3"
9000 mm 30'0"	kg lb	*12 200 *26,800	*12 200 *26,800	*10 650 *23,400	9850 21,050					*7400 *16,650	*7400 *16,650	6960 22'3"
7500 mm 25'0"	kg lb			*10 350 *22,550	9950 21,350	*9200 20,000	7000 14,950			*6350 *14,100	5950 13,350	8210 26'7"
6000 mm 20'0"	kg lb	*12 150 *26,950	*12 150 *26,950	*10 600 *23,050	9850 21,150	*9150 *19,950	7000 15,000	*6550	5200	*5800 *12,850	5150 11,450	9040 29'6"
4500 mm 15'0"	kg lb	*13 900 *30,550	*13 900 *30,550	*11 250 *24,350	9600 20,650	9200 19,800	6850 14,800	7000 15,000	5250 11,200	*5550 *12,200	4750 10,450	9570 31'3"
3000 mm 10'0"	kg lb	*34,100	30,700	*11 900 *25,750	9250 19,950	9050 19,450	6700 14,450	6900 14,850	5150 11,100	*5450 *12,000	4550 9,950	9840 32'2"
1500 mm 5'0"	kg lb			*12 150 *26,350	8950 19,300	8900 19,100	6550 14,150	6850 14,750	5100 11,000	*5500 *12,100	4500 9,900	9870 32'4"
0 mm 0'0"	kg lb	*10 600 *25,650	*10 600 *25,650	*11 650 *25,200	8750 18,850	8750 18,850	6450 13,900	*6600 *13,950	5050 10,900	*4650 *10,200	4650 10,200	9670 31'8"
–1500 mm –5'0"	kg lb	*12 300 *28,100	*12 300 *28,100	*10 050 *21,700	8650 18,650	*7600 *16,200	6400 13,800			*5050 *11,100	*5050 *11,100	8860 28'11"

* 

ISO 10567:2007



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

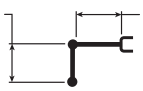
Lift capacity stays with ±5% for all available track shoes.

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

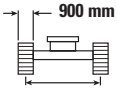
Log Loader Boom Lift Capacities – Counterweight: 5.2 mt (11,450 lb) – without Grapple – Heavy Lift: On

Log Loader without Live Heel (full-fuel)

3.8 m (12'6") Power Clam Stick or Over/Under Stick FM(OU)

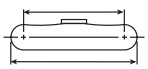


5.9 m (19'6") Log Loader Boom



900 mm (36") Triple Grouser Track Shoes

2790 mm (9'2")



3790 mm (12'5")

4670 mm (15'4")

		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
												mm ft/in
10 500 mm 35'0"	kg lb	*12 300 *25,050	*12 300 *25,050							*10 100 *23,550	*10 100 *23,550	4970 15'3"
9000 mm 30'0"	kg lb	*12 200 *26,800	*12 200 *26,800	*10 650 *23,400	10 100 21,600					*7400 *16,650	*7400 *16,650	6960 22'3"
7500 mm 25'0"	kg lb			*10 350 *22,550	10 200 21,900	*9200 *20,050	7200 15,400			*6350 *14,100	6150 13,750	8210 26'7"
6000 mm 20'0"	kg lb	*12 150 *26,950	*12 150 *26,950	*10 600 *23,050	10 100 21,700	*9150 *19,950	7150 15,400	*6550	5350	*5800 *12,850	5300 11,800	9040 29'6"
4500 mm 15'0"	kg lb	*13 900 *30,550	*13 900 *30,550	*11 250 *24,350	9850 21,200	*9350 *20,350	7050 15,200	7200 15,450	5400 11,550	*5550 *12,200	4900 10,750	9570 31'3"
3000 mm 10'0"	kg lb	*34,100	31,550	*11 900 *25,750	9550 20,500	9300 20,050	6900 14,900	7150 15,350	5300 11,450	*5450 *12,000	4650 10,300	9840 32'2"
1500 mm 5'0"	kg lb			*12 150 *26,350	9200 19,850	9150 19,700	6750 14,550	7050 15,200	5250 11,300	*5500 *12,100	4650 10,200	9870 32'4"
0 mm 0'0"	kg lb	*10 600 *25,650	*10 600 *25,650	*11 650 *25,200	9000 19,400	*8950 *19,300	6650 14,300	*6600 *13,950	5200 11,250	*4650 *10,200	*4650 *10,200	9670 31'8"
–1500 mm –5'0"	kg lb	*12 300 *28,100	*12 300 *28,100	*10 050 *21,700	8950 19,250	*7600 *16,200	6600 14,250			*5050 *11,100	*5050 *11,100	8860 28'11"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

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

FM538 GF/FM538 LL Forest Machine Specifications

Matching Guide

● Optimal ○ Acceptable No Match

	Grapple		
	GLL52	GLL55	GLL60
FM538 LL	●	○	

Bucket Specifications and Compatibility – North America, Chile

								Undercarriage	High-Wide
								Counterweight	5.8 mt
		Width		Capacity		Weight		Fill	Reach
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.9 (9'7")
Pin On (No Quick Coupler)									
General Duty Capacity	B	600	24	0.55	0.72	620	1,366	100	●
	B	750	30	0.75	0.98	717	1,580	100	●
	B	900	36	0.95	1.24	793	1,747	100	●
	B	1050	42	1.16	1.52	848	1,869	100	●
	B	1200	48	1.38	1.80	924	2,038	100	●
	B	1350	54	1.59	2.08	1002	2,210	100	●
General Duty Capacity – Wide Tip	B	600	24	0.55	0.72	617	1,360	100	●
	B	750	30	0.75	0.98	715	1,576	100	●
	B	900	36	0.95	1.24	791	1,743	100	●
	B	1050	42	1.16	1.52	861	1,899	100	●
	B	1200	48	1.38	1.80	938	2,069	100	●
	B	1350	54	1.59	2.08	1016	2,241	100	●
Heavy Duty	B	600	24	0.46	0.60	647	1,426	100	●
	B	750	30	0.64	0.84	752	1,658	100	●
	B	900	36	0.81	1.06	835	1,841	100	●
	B	1050	42	1.00	1.31	892	1,967	100	●
	B	1200	48	1.19	1.56	975	2,150	100	●
	B	1350	54	1.38	1.81	1060	2,336	100	●
Heavy Duty Power	B	1050	42	0.96	1.26	898	1,980	100	●
	B	1200	48	1.14	1.49	983	2,167	100	●
Severe Duty	B	600	24	0.46	0.61	683	1,506	90	●
	B	750	30	0.64	0.84	795	1,753	90	●
	B	900	36	0.81	1.06	885	1,950	90	●
	B	1050	42	1.00	1.31	948	2,091	90	●
	B	1200	48	1.19	1.56	1038	2,289	90	●
Severe Duty Power	B	900	36	0.79	1.03	853	1,881	90	●
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
Ditch Cleaning	B	1500	60	1.01	1.32	651	1,436	100	●
	B	1800	72	1.24	1.62	739	1,630	100	●
Ditch Cleaning Tilt	B	1500	60	0.90	1.18	948	2,090	100	●
	B	1800	72	1.11	1.45	1063	2,344	100	●
	B	1800	72	1.40	1.83	1105	2,437	100	●
	B	2000	79	1.23	1.61	1132	2,496	100	●
Tamping	B	2200	86	0.72	0.94	868	1,913	100	●
	B	2200	86	0.90	1.18	891	1,965	100	●
General Duty	312	900	36	0.53	0.69	403	888	100	
Ditch Cleaning	312	1200	48	0.57	0.74	386	851	100	
Maximum load with pin-on (payload + bucket)								kg	6260
								lb	13,801

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – North America, Chile *(continued)*

								Counterweight	4.2 mt
		Width		Capacity		Weight		Fill	Reach
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.5
With Cat Pin Grabber Coupler									
General Duty Capacity	B	600	24	0.55	0.72	620	1,366	100	●
	B	750	30	0.75	0.98	717	1,580	100	●
	B	900	36	0.95	1.24	793	1,747	100	●
	B	1050	42	1.16	1.52	848	1,869	100	●
	B	1200	48	1.38	1.80	924	2,038	100	●
	B	1350	54	1.59	2.08	1002	2,210	100	●
General Duty Capacity – Wide Tip	B	600	24	0.55	0.72	617	1,360	100	●
	B	750	30	0.75	0.98	715	1,576	100	●
	B	900	36	0.95	1.24	791	1,743	100	●
	B	1050	42	1.16	1.52	861	1,899	100	●
	B	1200	48	1.38	1.80	938	2,069	100	●
	B	1350	54	1.59	2.08	1016	2,241	100	●
Heavy Duty	B	600	24	0.46	0.60	647	1,426	100	●
	B	750	30	0.64	0.84	752	1,658	100	●
	B	900	36	0.81	1.06	835	1,841	100	●
	B	1050	42	1.00	1.31	892	1,967	100	●
	B	1200	48	1.19	1.56	975	2,150	100	●
	B	1350	54	1.38	1.81	1060	2,336	100	●
Heavy Duty Power	B	1050	42	0.96	1.26	898	1,980	100	●
	B	1200	48	1.14	1.49	983	2,167	100	●
Heavy Duty Pin Grabber Performance	B	600	24	0.44	0.57	682	1,503	100	●
	B	750	30	0.60	0.79	787	1,735	100	●
	B	900	36	0.76	1.00	876	1,931	100	●
	B	1050	42	0.93	1.22	940	2,072	100	●
	B	1200	48	1.11	1.45	1031	2,272	100	●
	B	1350	54	1.28	1.67	1122	2,474	100	●
Severe Duty	B	600	24	0.46	0.61	683	1,506	90	●
	B	750	30	0.64	0.84	795	1,753	90	●
	B	900	36	0.81	1.06	885	1,950	90	●
	B	1050	42	1.00	1.31	948	2,091	90	●
	B	1200	48	1.19	1.56	1038	2,289	90	●
	B	900	36	0.79	1.03	853	1,881	90	●
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
Ditch Cleaning	B	1500	60	1.01	1.32	651	1,436	100	●
	B	1800	72	1.24	1.62	739	1,630	100	●
Ditch Cleaning Tilt	B	1500	60	0.90	1.18	948	2,090	100	●
	B	1800	72	1.11	1.45	1063	2,344	100	●
	B	1800	72	1.40	1.83	1105	2,437	100	●
	B	2000	79	1.23	1.61	1132	2,496	100	●
Maximum load with pin-on (payload + bucket)								kg	5841
								lb	12,876

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Bucket Specifications and Compatibility – Australia and New Zealand

								Undercarriage	High-Wide
								Counterweight	5.8 mt
		Width		Capacity		Weight		Fill	Reach
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.9 (9'7")
Pin On (No Quick Coupler)									
Utility Duty	B	600	24	0.39	0.51	503	1,108	100	●
	B	900	36	0.65	0.84	613	1,351	100	●
	B	1200	48	0.95	1.24	733	1,615	100	●
General Duty	B	600	24	0.46	0.60	550	1,212	100	●
	B	750	30	0.64	0.84	621	1,368	100	●
	B	1000	39	0.93	1.22	717	1,580	100	●
	B	1050	42	1.00	1.31	737	1,624	100	●
	B	1050	42	1.00	1.31	737	1,624	100	●
	B	1200	48	1.19	1.56	807	1,778	100	●
	B	1400	55	1.43	1.87	874	1,926	100	●
	B	1500	60	1.58	2.06	914	2,014	100	●
Heavy Duty	B	600	24	0.46	0.61	635	1,400	100	●
	B	750	30	0.64	0.84	737	1,625	100	●
	B	900	36	0.81	1.06	818	1,804	100	●
	B	1050	42	1.00	1.31	872	1,923	100	●
	B	1200	48	1.19	1.56	929	2,048	100	●
	B	1350	54	1.38	1.81	1036	2,284	100	●
	B	1500	60	1.58	2.06	1094	2,412	100	●
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
Ditch Cleaning Tilt	B	1800	72	1.40	1.83	1105	2,437	100	●
Maximum load with pin-on (payload + bucket)								kg	6260
								lb	13,801

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

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(continued on next page)

Bucket Specifications and Compatibility – Australia and New Zealand *(continued)*

								Undercarriage	High-Wide
								Counterweight	5.8 mt
		Width		Capacity		Weight		Fill	Reach
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.9 (9'7")
With Cat Pin Grabber Coupler									
Utility Duty	B	600	24	0.39	0.51	503	1,108	100	●
	B	900	36	0.65	0.84	613	1,351	100	●
	B	1200	48	0.95	1.24	733	1,615	100	●
General Duty	B	600	24	0.46	0.60	550	1,212	100	●
	B	750	30	0.64	0.84	621	1,368	100	●
	B	1000	39	0.93	1.22	717	1,580	100	●
	B	1050	42	1.00	1.31	737	1,624	100	●
	B	1050	42	1.00	1.31	737	1,624	100	●
	B	1200	48	1.19	1.56	807	1,778	100	●
	B	1400	55	1.43	1.87	874	1,926	100	●
	B	1500	60	1.58	2.06	914	2,014	100	●
Heavy Duty	B	600	24	0.46	0.61	635	1,400	100	●
	B	750	30	0.64	0.84	737	1,625	100	●
	B	900	36	0.81	1.06	818	1,804	100	●
	B	1050	42	1.00	1.31	872	1,923	100	●
	B	1200	48	1.19	1.56	929	2,048	100	●
	B	1350	54	1.38	1.81	1036	2,284	100	●
	B	1500	60	1.58	2.06	1094	2,412	100	●
Clean Up	B	1800	72	1.60	2.09	979	2,157	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
	B	2000	78	1.76	2.31	1045	2,303	100	●
Ditch Cleaning Tilt	B	1800	72	1.40	1.83	1105	2,437	100	●
Maximum load with pin-on (payload + bucket)								kg	5841
								lb	12,876

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Attachments Offering Guide – North America

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match

PIN-ON ATTACHMENTS

Undercarriage		**High Wide**	
Counterweight		**5.2 mt (11,450 lb)**	
Boom Type		**Reach**	
Stick Length		**2.92 m (9'7")**	**3.70 m (12'1")**
Hydraulic Hammers	H120 GC S	✓	
	H120 S	✓	
	H130 GC S	✓	
	H130 S	✓	
Mulchers	HM4015	✓	
	HM4815	✓	
Forestry Grapples	GLL52		✓
	GLL55		✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC S	✓
	H120 S	✓
	H130 GC S	✓
	H130 S	✓
Mulchers	HM4015	✓
	HM4815	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC S	✓
	H120 S	✓
	H130 S	✓

HCS70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 S	✓
	H130 S	✓

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 S	✓
	H130 S	✓

Attachments Offering Guide – Chile

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match

PIN-ON ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 GC Side Mount	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
Mulchers	HM4015	✓
	HM4815	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 GC Side Mount	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
Mulchers	HM4015	✓
	HM4815	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 GC S	✓
	H120 S	✓
	H130 S	✓

HCS70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 S	✓

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 S	✓
	H130 S	✓

Attachments Offering Guide – Australia, New Zealand

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match

PIN-ON ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
Mulchers	HM4015	✓
	HM4815	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		**High Wide**
Counterweight		**5.2 mt (11,450 lb)**
Boom Type		**Reach**
Stick Length		**2.92 m (9'7")**
Hydraulic Hammers	H120 GC	✓
	H120 GC S	✓
	H120 S	✓
	H130 GC	✓
	H130 GC S	✓
	H130 S	✓
Mulchers	HM4015	✓
	HM4815	✓

FM538 GF/FM538 LL Standard and Optional Equipment

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat® dealer for details.

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
5.7 m (18'7") Reach boom		✓
5.9 m (19'6") Log Loader boom		✓
2.9 m (9'7") Thumb Ready stick		✓
3.7 m (12'2") Drop Nose stick		✓
3.5 m (11'6") Under/Under stick		✓
4.2 m (13'9") Under/Under Extended Reach stick		✓
3.8 m (12'6") Over/Under stick		✓
3.8 m (12'6") Power Clam stick		✓
B1 family bucket linkage		✓
CAB		
ROPS Forestry cab with polycarbonate windows	✓	
Operator Protective Guards (OPG)	✓	
32 mm (1.25") polycarbonate front window	✓	
Four-point harness seat belt	✓	
Rear entry		✓
Side entry		✓
165 mm (6.5") fixed riser		✓
1219 mm (48") tilting riser		✓
Heated and cooled seat with air-adjustable suspension	✓	
Integrated joysticks	✓	
Tilt-up left-side console (side-entry cab only)	✓	
High-resolution touchscreen monitor	✓	
Bluetooth® integrated radio (including USB, auxiliary port and microphone)	✓	
12V DC outlets	✓	
Keyless push-to-start engine control	✓	
Automatic bi-level air conditioner	✓	
LED dome and floor lights	✓	
Windshield wiper and washer	✓	
Behind seat storage	✓	
CB radio mounts		✓
Retractable sunshade	✓	
Rear sunshade		✓
Cat Stick Steer		✓
Auxiliary relay		✓

	Standard	Optional
CAT TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[1]	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×4)	✓	
Centralized electrical disconnect switch	✓	
LED chassis light	✓	
Premium lighting – General Forestry – six additional LED lights, 14 total		✓
Premium lighting – Log Loader – 10 additional lights – 18 total		✓
115-amp alternator	✓	
24-volt electric starting	✓	
Pre-start monitoring system	✓	
Tool control software	✓	
Secondary engine shut off switch	✓	

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Subscription required. Consult your Cat dealer for details.

(continued on next page)

Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
ENGINE		
Electric fuel priming pump	✓	
Cold start package with block heaters and ether		✓
Three selectable modes: Power, Smart, Eco	✓	
Automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Up to 4600 m (15,092 ft) altitude capability	✓	
48° C (118° F) high-ambient cooling capacity	✓	
–32° C (–25° F) cold start capability	✓	
Hydraulic reverse fan	✓	
Two-stage fuel filter system	✓	
Double element air filter with integrated pre-cleaner	✓	
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	✓	
Boom and stick drift reduction valve	✓	
Electronic main control valve	✓	
Hydraulic efficiency monitoring		✓
Automatic hydraulic oil warmup	✓	
Automatic swing parking brake	✓	
High performance hydraulic return filter	✓	
Automatic two speed travel	✓	
Bio hydraulic oil capability	✓	
High torque swing drive	✓	
Swing cushion valve	✓	
Tool control software	✓	
Medium pressure circuit		✓
SAFETY AND SECURITY		
Caterpillar One Key security system	✓	
Easy lock cab tilting system		✓
Cab riser light		✓
Inspection lighting		✓
Lockable service doors	✓	
Lockable external tool/storage box	✓	
Lockable fuel cap and hydraulic tank	✓	
Service platforms with anti-skid plate and countersunk bolts	✓	
Lockable disconnect switch	✓	
Right-hand rail and hand hold	✓	
Signaling/warning horn	✓	
Travel alarm	✓	
Swing alarm		✓
Ground-level secondary engine shutoff switch	✓	
Rearview camera	✓	
Right-hand sideview camera		✓

	Standard	Optional
SERVICE AND MAINTENANCE		
Integrated vehicle health management system	✓	
Side entry to service platforms	✓	
Grouped location for engine oil and fuel filters	✓	
Ground-level dipstick for engine oil	✓	
S·O·S℠ ports	✓	
UNDERCARRIAGE AND STRUCTURES		
High Wide undercarriage	✓	
203 mm (8") pitch Cat grease lubricated track chain with PPR3 positive pin retention	✓	
Catwalks	✓	
Tie down points	✓	
Counterweight fuel tank	✓	
900 mm (36") triple grouser Tri Link shoes		✓
800 mm (31") triple grouser shoes		✓
700 mm (28") double grouser shoes		✓
600 mm (24") double and single grouser shoes		✓
Heavy-duty track rollers and frames	✓	
Heavy-duty travel motor guards	✓	
Heavy-duty bottom guards	✓	
Track guiding guards	✓	
High drawbar final drives	✓	
Heavy-duty recoil springs	✓	
Heavy-duty hydraulic swivel	✓	
Heavy-duty hydraulic swivel guard	✓	

FM538 GF/FM538 LL Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

Engine

- The Cat® C7.1 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
  - 20% biodiesel FAME (fatty acid methyl ester) ***
  - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

* While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.

** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

***Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 (FIX CAB)/2.0 (48" Riser CAB) kg of refrigerant, which has a CO_2 equivalent of 2.574/2.860 metric tonnes.

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
  - Barium < 0.01%
  - Cadmium < 0.01%
  - Chromium < 0.01%
  - Lead < 0.01%

Sound Performance

FM538 GF – General Forestry Linkage
ISO 6395:2008 (external) – 101 dB(A)
ISO 6396:2008 (inside cab) – 80 dB(A)
FM538 LL – Log Loader Linkage
ISO 6395:2008 (external) – 102 dB(A)
ISO 6396:2008 (inside cab) – 73 dB(A)

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/ SAE J1166 OCT98, meets Occupational Safety and Health Administration (OSHA) and Mine Safety and Health Administration (MSHA) requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Advanced electrohydraulic system balances power and efficiency
  - Smart mode automatically matches machine power to work requirements
  - Eco mode helps minimize fuel consumption for light applications
  - ProductLink™ tracks fuel usage and other information to helps improve jobsite efficiency
  - Remote flash and remote troubleshoot help optimize performance
  - Extended service intervals help decrease maintenance costs

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ4030-01 (12-2025)
Replaces AEXQ4030-00
Build Number: 07H
(Aus-NZ, N Am, Chile)