



Log Handler

NET ENGINE POWER	221 hp (165 kW)
OPERATING WEIGHT	84,878 lbs (38,500 kg)
MAX REACH	36' (11 m)
MAX LIFTING CAPACITY	40,100 lbs (18,189 kg)



LOG HANDLER MHL 464

Specifications

Engine	
Manufacturer & type	Deutz-BF6M 1013 FC
Type	6-cylinder turbocharged diesel
Engine output	221 hp (165 kW)
Nominal speed	2,000 rpm
Displacement	436 in ³ (7.15 L)
Cooling system	Water and charge air cooling
Emission standards	COM II/TIER II
Air filter design	Two-stage filter with safety valve
Fuel tank	172 US gal (650 L)

Operating Weights

Basic machine one supporting blade and work equipment.	
Reach 36' (11.0 m)	84,878 lbs (38,500 kg)

Electrical System

Operating voltage	24 V
Batteries	2 x 12 V / 100 Ah
Lighting	3 x cabin-mounted working floodlights, 2 x dipperstick-mounted working floodlights, 2 x driving lights on upper carriage/front of chassis and rear of chassis. Rear side-marker lamps and directional indicators.

Travel Drive

Hydrostatic drive through transfer gear with two infinitely variable axial piston motors and directly mounted travel brake valves.	
Travel speed 1st gear	0 - 3.7 mph (0 - 6 kmh)
Travel speed 2nd gear	0 - 12 mph (0 - 20 kmh)
Turning radius	19' 7" (6.0 m)

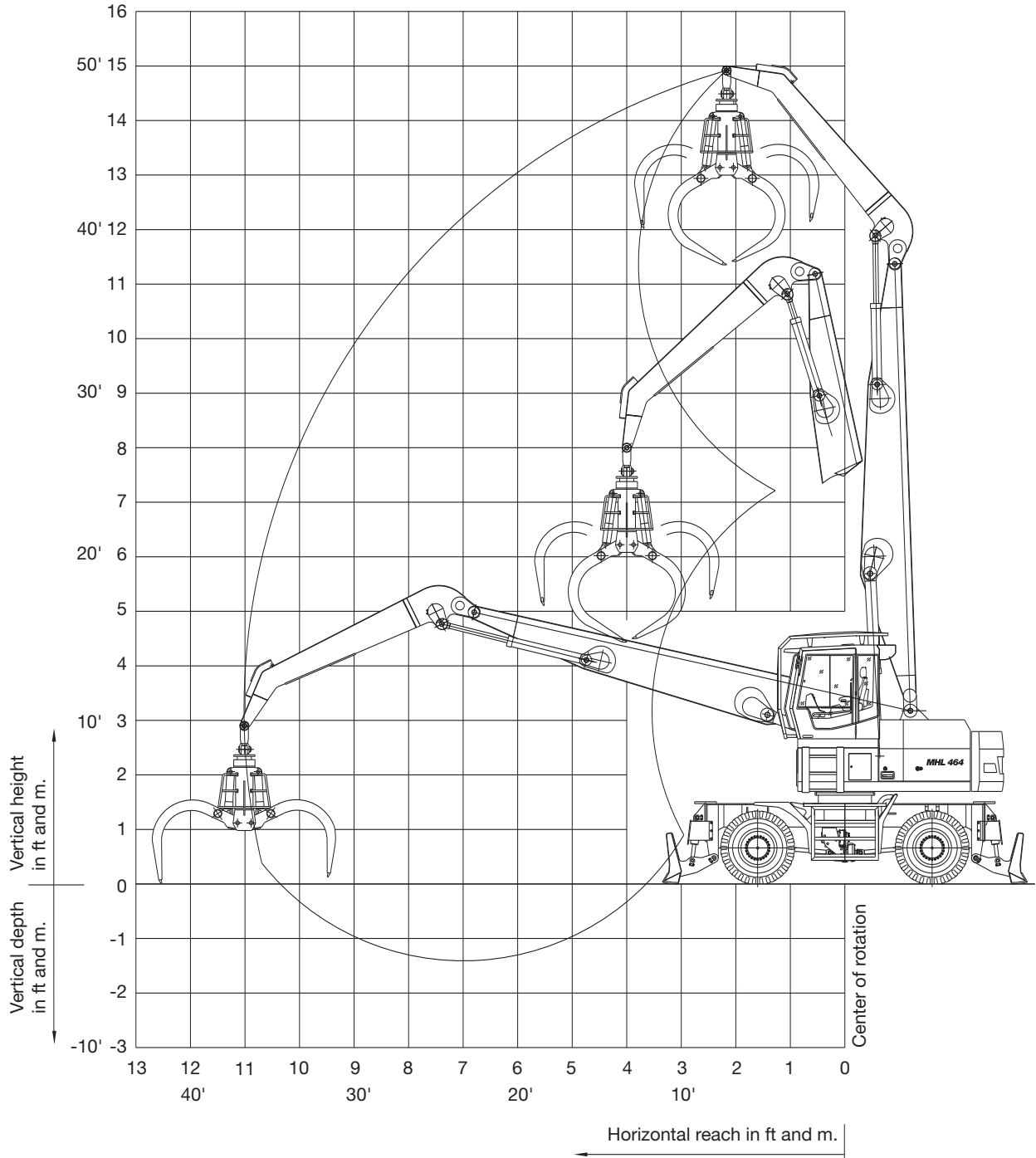
Swing System

Ring gear	Internally toothed ring gear
Drive	Multi-stage planetary gear with integrated multi-disc brake
Uppercarriage swing speed	0 - 8 rpm

Working Range Diagram

MHL 464 reach 36' (11.0 m)

Work equipment: box-type boom 26' 9" (8.2 m), dipperstick 15' 4" (4.7 m)



Lifting Capacities

MHL 464 reach 36' (11.0 m)

Work equipment: box-type boom 26' 9" (8.2 m), dipperstick 15' 4" (4.7 m)

Height in ft.	Undercarriage stabilizers	Reach in ft.				
		15	20	25	30	35
45	non supported	21,100*				
	1-blade-supported	21,100* (21,100*)				
	2-blade-supported	21,100* (21,100*)				
40	non supported	24,600*	21,100*			
	1-blade-supported	24,600* (24,600*)	21,100* (21,100*)			
	2-blade-supported	24,600* (24,600*)	21,100* (21,100*)			
35	non supported	27,300*	25,100*	18,900		
	1-blade-supported	27,300* (27,300*)	25,100* (25,100*)	20,700* (20,700*)		
	2-blade-supported	27,300* (27,300*)	25,100* (25,100*)	20,700* (20,700*)		
30	non supported	30,800*	26,200*	18,700	14,100	
	1-blade-supported	30,800* (30,800*)	26,200* (26,200*)	20,500 (23,300*)	15,400 (18,500*)	
	2-blade-supported	30,800* (30,800*)	26,200* (26,200*)	23,300* (23,300*)	18,500* (18,500*)	
25	non supported	32,800*	25,500	18,200	13,800	
	1-blade-supported	32,800* (32,800*)	27,500* (27,500*)	20,000 (24,000*)	15,200 (21,100*)	
	2-blade-supported	32,800* (32,800*)	27,500* (27,500*)	24,000* (24,000*)	18,000 (21,100*)	
20	non supported	(35,900*)	24,600	17,800	13,600	10,800
	1-blade-supported	35,900* (35,900*)	26,800 (29,100*)	19,400 (24,400*)	14,900 (21,300*)	11,900 (16,700*)
	2-blade-supported	35,900* (35,900*)	29,100* (29,100*)	23,300 (24,400*)	17,800 (21,300*)	14,100 (16,700*)
15	non supported	35,400	23,500	17,100	13,400	10,800
	1-blade-supported	38,500* (38,500*)	25,700 (30,400*)	18,700 (25,100*)	14,500 (21,600*)	11,600 (18,500*)
	2-blade-supported	38,500* (38,500*)	30,400* (30,400*)	22,700 (25,100*)	17,400 (21,600*)	13,800 (18,500*)
10	non supported	33,700	22,700	16,700	13,000	10,500
	1-blade-supported	37,400 (40,100*)	24,900 (31,300*)	18,200 (25,500*)	14,300 (21,600*)	11,400 (18,200*)
	2-blade-supported	40,100* (40,100*)	30,400* (31,300*)	22,000 (25,500*)	16,900 (21,600*)	13,800 (18,200*)
5	non supported	30,200*	21,800	16,300	12,700	10,300
	1-blade-supported	30,200* (30,200*)	24,000 (30,800*)	17,800 (25,300*)	13,800 (21,100*)	11,400 (17,100*)
	2-blade-supported	30,200* (30,200*)	29,500* (30,800*)	21,600 (25,300*)	16,700 (21,100*)	13,600 (17,100*)
0	non supported	27,900*	21,600	16,000	12,500	
	1-blade-supported	27,900* (27,900*)	23,600* (28,800*)	17,600 (23,800*)	13,800 (19,600*)	
	2-blade-supported	27,900* (27,900*)	28,800* (28,800*)	21,300 (23,800*)	16,600 (19,600*)	

Height (m)	Undercarriage stabilizers	Reach in (m)				
		4.5	6	7.5	9	10.5
13.5	non supported	9.6				
	1-blade-supported	9.6* (9.6*)				
	2-blade-supported	9.6* (9.6*)				
12	non supported	11.2*	9.6*			
	1-blade-supported	11.2* (11.2*)	9.6* (9.6*)			
	2-blade-supported	11.2* (11.2*)	9.6* (9.6*)			
10.5	non supported	12.4*	11.4*	8.6		
	1-blade-supported	12.4* (12.4*)	11.4* (11.4*)	9.4* (9.4*)		
	2-blade-supported	12.4* (12.4*)	11.9* (11.9*)	9.4* (9.4*)		
9	non supported	14.0*	11.9*	8.5	6.4	
	1-blade-supported	14.0* (14.0*)	11.9* (11.9*)	9.3 (10.6*)	7.0 (8.4*)	
	2-blade-supported	14.0* (14.0*)	11.9* (11.9*)	10.6* (10.6*)	8.4* (8.4*)	
7.5	non supported	14.9*	11.6	8.3	6.3	
	1-blade-supported	14.9* (14.9*)	12.5* (12.5*)	9.1 (10.9*)	6.9 (9.6*)	
	2-blade-supported	14.9* (14.9*)	12.5* (12.5*)	10.9* (10.9*)	8.2 (9.6*)	
6	non supported	16.3*	11.2	8.1	6.2	4.9
	1-blade-supported	16.3* (16.3*)	12.2 (13.2*)	8.8 (11.1*)	6.8 (9.7*)	5.4 (7.6*)
	2-blade-supported	16.3* (16.3*)	13.2* (13.2*)	10.6 (11.1*)	8.1 (9.7*)	6.4 (7.6*)
4.5	non supported	16.1	10.7	7.8	6.1	4.9
	1-blade-supported	17.5* (17.5*)	11.7 (13.8*)	8.5 (11.4*)	6.6 (9.8*)	5.3 (8.4*)
	2-blade-supported	17.5* (17.5*)	13.8 (13.8*)	10.3 (11.4*)	7.9 (9.8*)	6.3 (8.4*)
3	non supported	15.3	10.3	7.6	5.9	4.8
	1-blade-supported	17.0 (18.2*)	11.3 (14.2*)	8.3 (11.6*)	6.5 (9.8*)	5.2 (8.3*)
	2-blade-supported	18.2* (18.2*)	13.8 (14.2*)	10.0 (11.6*)	7.7 (9.8*)	6.3 (8.3*)
1.5	non supported	13.7*	9.9	7.4	5.8	4.7
	1-blade-supported	13.7* (13.7*)	10.9 (14.0*)	8.1 (11.5*)	6.3 (9.6*)	5.2 (7.8*)
	2-blade-supported	13.7* (13.7*)	13.4 (14.0*)	9.8 (11.5*)	7.6 (9.6*)	6.2 (7.8*)
0	non supported	12.7*	9.8	7.3	5.7	
	1-blade-supported	12.7* (12.7*)	10.8 (13.1*)	8.0 (10.8*)	6.3 (8.9*)	
	2-blade-supported	12.7* (12.7*)	13.1* (13.1*)	9.7 (10.8*)	7.6 (8.9*)	

The values are stated in tons (t) or lbs. The pump pressure for this table is 5220 psi (360 bar). The values amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked *), in accordance with ISO 10567. When the machine is standing on solid and level ground, these values apply to slewing operations through 360°. The values in brackets apply in the lengthwise direction of the undercarriage. The weight of the attached load hoisting implement (grab, load hook, etc.) must be deducted from the carrying capacity values.

