

Log Handler

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



Specifications

Engine	
Manufacturer & type	Deutz-BF6M 1013 FC
Туре	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 Syste	m
Operating voltage	24 V
Batteries	2 x 12 V / 100 Ah
	3 x cabin-mounted working floodlights, ounted working floodlights, 2 x driving
lights on upper carriage/front of chassis and rear of chassis. Rear side-marker lamps and directional inc	

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)

naver speed 1st gear	0 - 3.7 mpn (0 - 6 kmn)
Travel speed 2nd gear	0 - 12 mph (0 - 20 kmh)
Turning radius	19' 7'' (6.0 m)

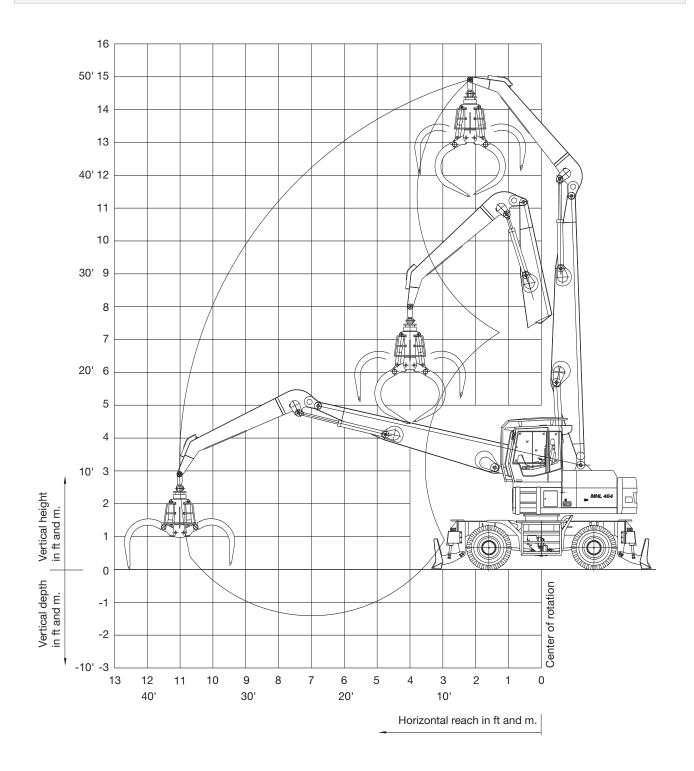
Swing System	
Ring gear	Internally toothed ring gear
Drive	Multi-stage planetary gear with integrated multi-disc brake
Uppercarriage swing sp	peed 0 - 8 rpm



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

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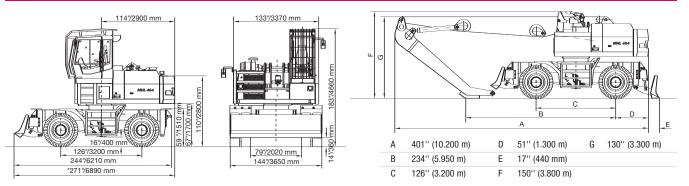
Height in ft.	Undercarriage stabilizers	15	20	Reach in ft. 25	30	35
45	non supported 1-blade-supported 2-blade-supported	21,100* 21,100* (21,100*) 21,100* (21,100*)				
40	non supported 1-blade-supported 2-blade-supported	24,600* 24,600* (24,600*) 24,600* (24,600*)	21,100* 21,100* (21,100*) 21,100* (21,100*)			
35	non supported 1-blade-supported 2-blade-supported	27,300* 27,300* (27,300*) 27,300* (27,300*)	25,100* 25,100* (25,100*) 25,100* (25,100*)	18,900 20,700* (20,700*) 20,700* (20,700*)		
30	non supported 1-blade-supported 2-blade-supported	30.800* 30.800* (30.800*) 30.800* (30.800*)	26,200* 26,200* (26,200*) 26,200* (26,200*)	18,700 20,500 (23,300*) 23,300* (23,300*)	14,100 15,400 (18,500*) 18,500* (18,500*)	
25	non supported 1-blade-supported 2-blade-supported	32.800* 32.800* (32.800*) 32.800* (32.800*)	25,500 27,500* (27,500*) 27,500* (27,500*)	18,200 20,000 (24,000*) 24,000* (24,000*)	13,800 15,200 (21,100*) 18,000 (21,100*)	
20	non supported 1-blade-supported 2-blade-supported	(35.900*) 35.900* (35.900*) 35.900* (35.900*)	24,600 26,800 (29,100*) 29,100* (29,100*)	17,800 19,400 (24,400*) 23,300 (24,400*)	13,600 14,900 (21,300*) 17,800 (21,300*)	10,800 11,900 (16,700* 14,100 (16,700*)
15	non supported 1-blade-supported 2-blade-supported	35.400 38.500* (38.500*) 38.500* (38.500*)	23,500 25,700 (30,400*) 30,400* (30,400*)	17,100 18,700 (25,100*) 22,700 (25,100*)	13,400 14,500 (21,600*) 17,400 (21,600*)	10,800 11,600 (18,500*) 13,800 (18,500*)
10	non supported 1-blade-supported 2-blade-supported	33.700 37.400 (40.100*) 40.100* (40.100*)	22,700 24,900 (31,300*) 30,400* (31,300*)	16,700 18,200 (25,500*) 22,000 (25,500*)	13,000 14,300 (21,600*) 16,900 (21,600*)	10,500 11,400 (18,200*) 13,800 (18,200*)
5	non supported 1-blade-supported 2-blade-supported	30.200* 30.200* (30.200*) 30.200* (30.200*)	21,800 24,000 (30,800*) 29,500* (30,800*)	16,300 17,800 (25,300*) 21,600 (25,300*)	12,700 13,800 (21,100*) 16,700 (21,100*)	10,300 11,400 (17,100*) 13,600 (17,100*)
0	non supported 1-blade-supported 2-blade-supported	27.900* 27.900* (27.900*) 27.900* (27.900*)	21,600 23,600* (28,800*) 28,800* (28,800*)	16,000 17,600 (23,800*) 21,300 (23,800*)	12,500 13,800 (19,600*) 16,600 (19,600*)	

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

MHL 464

Dimensions/Transport Dimensions



Specifications

Hydraulic System

Separate oil cooler with large cooling surface.

Separate on cooler with large coo	illig surface.	
Hydraulic oil filters	Filter elemer	nt incorporated in oil tank
Auxiliary pumps	Open circui	t for auxiliary consumers
Maximum pump capacity at 2,000	0 rpm	169 US gpm (640 Lpm)
Maximum operating pressure		5,220 psi (360 bar)
Hydraulic oil tank		161 US gal (610 L)

Brakes

Service brake: Dual circuit braking system separating the front rear axle. Torque controlled braking system to all wheel pairs.

Parking brake: Electro-hydraulic. actuated spring applied disk brake on the front axle, effective on both axles.

Grabs

Logging grabs 2.4 yd 2 (2.0 m 2) up to optional 3.8 yd 2 (3.2 m 2), depending on special work requirements.

Option: Inversion of Fan Intake Direction

Inversion of intake direction: engine fan and oil radiator; pre-selection through rotary switch; advantage: longer machine operating time within dusty environments.



TEREX Fuchs

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Cal

Rigid mounted, standard eye level 13' 1"/4.0 m, (eye level of 14' 4"/4.4 m or 15' 7" /4.8 m as option) human-engineered, functional design and excellent all-round visibility.

Air-cushioned comfort seat with pneumatically adjustable lumbar support, safety belt and headrest. Seat heating available on request. The seat meets EC-safety and health requirements

(Directive 89/392/EEC, Paragraph 3.2.2).
Seat position, seat inclination and seat cushion multi-adjustable in line

with position of armrests and pilot control units.

3-speed fan for standard air conditioning and hot water heating, 4 adjustable defroster nozzles.

Joy-stick steering, front windshield slideable under cab roof as standard.

Automatic steering reversal as standard.

Option: engine-independent heating, bullet-proof glass or Lexan glass, steering column, stereo cassette radio.

Undercarriage

Front axle: Rigid mounted steering axle with drum brake; Maximum steering angle 30°.

Rear axle: Oscillating steering axle with drum brake and oscillating axle lock: Maximum steering angle 30°.

Axles: 72 t (79 sht) special axles. Central lubrication system with central greasing point.

Stabilizers	Front-mounted supporting blade
Option	Rear-mounted supporting blade
Tires	8-fold 14.00 - 24

For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local TEREX Fuchs Distributor.