

Logger

STANDARD FEATURE	Hydraulic height adjustable cab, 18' at eye level
OPERATING WEIGHT	(25,000 kg) 55,115 lbs
ENGINE POWER	114 kW (153 HP)



LOGGER
MHL 340

Technical data

Diesel Engine	
Manufacturer & type	Deutz-BF6M 2012 C
Design	6-cylinder turbocharged
Engine output	114 kW (153HP)
Nominal speed	2,000 rpm
Displacement	6.1 l (372 in3)
Cooling system	Water and charge air cooling (temperature controlled fan speed)
Emission standards	COM II/TIER II
Air filter design	Two-stage filter with safety valve
Fuel tank	315 l (83 US gal)

Electrical System	
Operating voltage	24 V
Batteries	2 x 12 V / 100 Ah

Travel Drive	
Hydrostatic drive through transfer gear with two infinitely variable axial piston motors; and directly mounted travel brake valves, allowing shifting up or down on the move.	

Technical data

Undercarriage	
Front axle:	Rigid mounted steering axle for safe transport of loads, max. steering angle 30°
Rear axle:	Oscillating axle in planetary gear design with multi-disc brake and oscillating axle lock
Stabilizers	4-point stabilizers
Tires	8-fold 10.00-20/16 PR
Tractive force	Low gear: 110 kN / 24,728 pound-force High gear: 28 kN / 6,294 pound-force

Brakes	
Service brake	Hydraulically controlled braking system acting on all four wheel pairs.
Parking brake	Hydraulically controlled single-circuit braking system acting on the 2-speed transmission.

Hydraulic System	
Single-circuit hydraulic system with load-sensing and power management control for optimal use of the available engine output.	
Separate oil cooler with large cooling surface, temperature controlled fan speed	
Hydraulic oil filters: Filter element incorporated in oil tank	
Central greasing system as standard	

Cab	
Hydraulically height-adjustable cab with max. eye level of 5.5 m/18', 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, allowing fatigue-free operations	
3-speed fan for hot water heating, 4 adjustable defroster nozzles	
Up and over type front windshield, with pull-down sunblind; lift-up skylight on cab roof	
Air conditioning is standard	
Option: Cab with bullet-proofed glass	

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

Operating Weights	
Basic Machine Weight	
Reach 12.5 m (41')	23,600 kg (52,000 lbs)

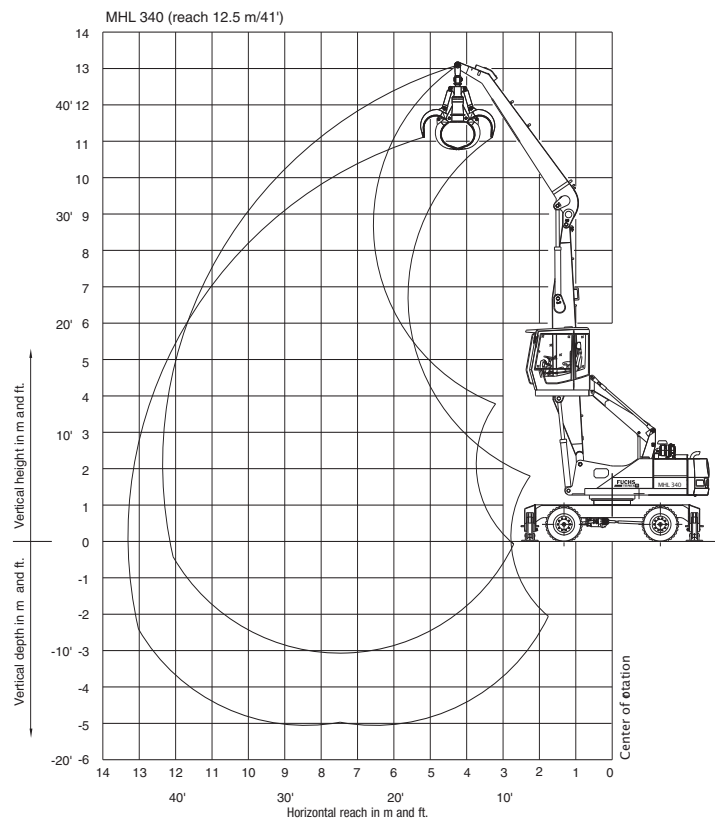
The values are stated in lbs. The pump pressure for this table is 5220 psi. The values amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked*). When the machine is standing on solid and level ground, these values apply to slewing operations through 360°. The values in brackets apply in the lengthwise direction of the undercarriage. The "unsupported" values apply only when the load is hoisted above the front or rear axle.

The weight of the attached load hoisting implement (grab, magnet, load hook, etc.) must be deducted from the carrying capacity values. If the TEREX-FUCHS quick-attach system is mounted on the boom, carrying capacity values are reduced by 661 lbs (300kg).

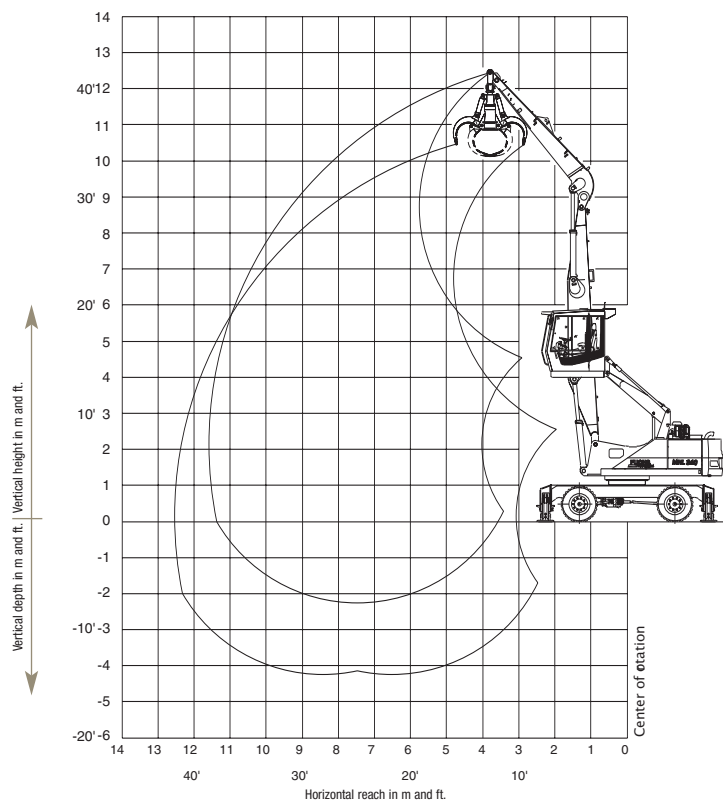
In accordance with EC guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for load hook operations.

Working Range Diagram/Lifting Capacities

Work equipment: box-type boom 6.6 m/21.7', dipperstick 5.3 m/17.4".							
height ft	undercarriage outriggers	15	20	25	30	35	40
35	not supported 4-point - supported			(9,200) 11,600* (11,600*)			
30	not supported 4-point - supported			(9,400) 10,900* (10,900*)	(6,700) 10,500* (10,500*)		
25	not supported 4-point - supported			(9,200) 10,900* (10,900*)	(6,700) 10,500* (10,500*)	(5,200) 8,300 (10,000)*	
20	not supported 4-point - supported		(12,700*) 12,700* (12,700*)	(9,200) 11,800* (11,800*)	(6,700) 10,500 (10,700*)	(5,000) 8,300 (10,000*)	
15	not supported 4-point - supported		(12,500) 15,100* (15,100*)	(8,700) 12,900* (12,900*)	(6,500) 10,300 (11,600*)	(5,000) 8,100 (10,500*)	(3,900) 6,500 (8,500)
10	not supported 4-point - supported	(18,000) 24,400* (24,400*)	(11,600) 18,000* (18,000*)	(8,300) 13,400 (14,500*)	(6,300) 10,100 (12,300)	(4,800) 7,800 (10,500)	(3,900) 6,500 (8,500)
5	not supported 4-point - supported	(16,400) 29,000* (30,100*)	(10,900) 18,200 (20,800*)	(7,800) 12,900 (16,000*)	(6,100) 9,800 (12,900)	(4,800) 7,800 (10,300)	(3,700) 6,300 (8,300)
0	not supported 4-point - supported	(14,900*) 14,900* (14,900*)	(10,300) 17,500 (22,400*)	(7,600) 12,500 (16,900*)	(5,900) 9,600 (12,700*)	(4,500) 7,600 (10,000)	(3,700) 6,300 (8,300*)
-5	not supported 4-point - supported	(14,500*) 14,500* (14,500*)	(10,100) 17,100 (23,100*)	(7,400) 12,300 (16,700*)	(5,600) 9,400 (12,700*)	(4,500) 7,600 (10,000)	
-10	not supported 4-point - supported		(9,800) 13,600 (22,200)	(7,200) 12,300 (16,400*)	(5,600) 9,400 (12,500*)		

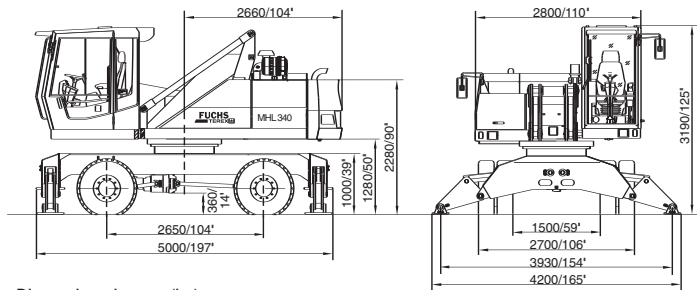


Work Equipment: box-type boom 21,7 ft. multi-purpose stick 14,7 ft.						
height ft	undercarriage outriggers	15	20	25	30	35
35	not supported 4-point - supported		(13,100) 13,800* (13,800*)	(8,700) 11,100* (11,100*)		
30	not supported 4-point - supported		(13,100*) 13,100* (13,100*)	(8,900) 12,000* (12,000*)	(6,500) 10,300* (10,300*)	
25	not supported 4-point - supported		(13,100) 13,300* (13,300*)	(8,900) 12,000* (12,000*)	(6,500) 10,500* (11,400*)	
20	not supported 4-point - supported		(12,700*) 14,500* (14,500*)	(8,700) 12,700* (12,700*)	(6,300) 10,300 (11,600*)	(4,800) 7,800 (9,800)
15	not supported 4-point - supported	(18,900) 21,500* (21,500*)	(12,000) 16,700* (16,700*)	(8,300) 13,600 (13,800*)	(6,100) 10,000 (12,000*)	(4,800) 7,800 (9,800)
10	not supported 4-point - supported	(16,700) 27,200* (27,200*)	(10,000) 18,400 (19,100*)	(7,800) 12,900 (15,100*)	(5,900) 9,800 (12,200)	(4,500) 7,600 (9,600)
5	not supported 4-point - supported	(15,100) 17,100* (17,100*)	(10,000) 17,500 (21,300*)	(7,400) 12,500 (15,800)	(5,600) 9,400 (11,800)	(4,300) 7,600 (9,400)
0	not supported 4-point - supported	(14,000) 14,000* (14,000*)	(9,600) 16,900 (21,700)	(7,000) 12,000 (15,300)	(5,400) 9,200 (11,600)	(4,300) 7,400 (9,400)
-5	not supported 4-point - supported		(9,400) 16,700 (21,500)	(6,700) 11,800 (15,100)	(5,200) 9,200 (11,400)	
-10	not supported 4-point - supported					



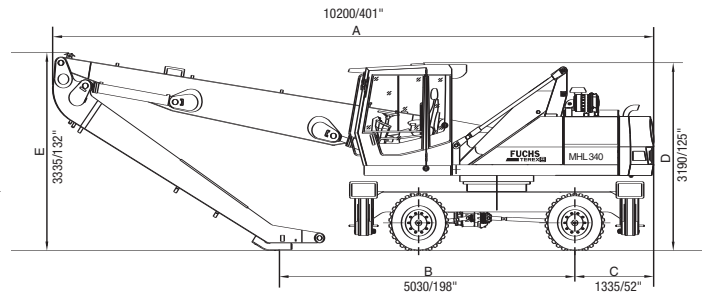
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Dimensions/Transport Dimensions



Dimensions in mm (in.)

Transport dimensions on a flat-bed trailer with 10.00-20 tires



Optional Equipment

Bullet-proof glass
Complete cab guard
Limited slip axles for improved rough ground traction
Air inflated, 16 ply 10.00 x 20 dual tires, aggressive tread
Zenon flood lights
Power beyond hydraulics for cut-off saw operation, with cab controls
Fixed heal
Live heal
Pulp wood and pass-through wood grapples to suit
Below grade outriggers



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