

# **MHL 335**

#### **MATERIAL HANDLER**



# THE MHL 335 WILL ADD A BOOST



#### SLEWING STRENGTH

A particular strength of the Terex® Fuchs recycling machines is the precisely coordinated combination of slewing motor and gear, which enables loading maneuvers that are just as powerful as they are exact. The special end-of-stroke cushioning of the lifting and stick cylinders minimizes component wear even when carrying out quick movements with heavy loads. These features facilitate efficient operations.





# TO YOUR PRODUCTIVITY

## HIGH INCREASE IN OUTPUT. GREAT LOAD CAPACITY. AND LOW CONSUMPTION.

#### STABILITY WITH HEAVY LOADS

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In the recycling business it is critical to be able to maneuver heavy loads in a quick and safe manner without constricting the working radius. With its large and solid undercarriage, the MHL 335 is ideally suited to satisfy this requirement. The undercarriage width of 8.9' (2.7 m) and large outrigger cylinders and boxes, enhances stability while manipulating loads.

#### MACHINE AND HYDRAULIC FEATURES AT A GLANCI

 Large stabilizer base (16.7' x 14.1'/5.1 x 4.3 m) and solid undercarriage (width of 8.9'/2.7 m) with large outrigger cylinders for greater lifting capacities

 Optimal coordination of slewing motor and gear for quick and precise maneuvering even with heavy loads

 Special cushioning of the lifting and stick cylinders for reduced wear even with quick end-to-end motions

MHL 335

# A FULL OVERVIEW IN THE BL

NOTHING MISSED. EVERYTHING CAPTURED. ALWAYS

CAB AND STEERING FEATURES High-resolution color display with clear text and precise symbols for quick information about important operating data Electronic steering with CAN bus technology Ergonomic focus in the cab: air-cushioned seat with lumbar support, comfortable access to the controls and standard air-conditioning Hydraulically elevating cab up to 17.4' (5.3 m) maximum eye level and large panoramic windows enhance view of the work environment - Time



# INK OF AN EYE

#### **OPERATING DATA**

Machine data is indicated in the form of descriptive symbols and text on the high-resolution color monitor. You can see critical operating parameters on the display at a glance thereby shortening reaction time.

#### **HEIGHTENED VIEW**

The hydraulically height-adjustable and air-conditioned cab with its large panoramic windows allows for easy viewing of your work area. But that is certainly not the only advantage; the air-cushioned adjustable seat with lumbar support and ergonomically arranged instruments also enhances operational comfort as well as productivity.

## THE POWER PACKAGE FOR C INNOVATIVE COOLING TECHNOLOGY. PROVEN ENGINE

COOLING SYSTEM AND

low noise emissions

fins and ventilators

for maximum cooling efficiency

Excellent and consistent cooling performance with

Separate hydraulic oil and engine cooling systems

Minimize dust deposits through optimized cooling

High-performance turbocharged engine with low

ENGINE FEATURES AT A GL

#### **KEEPING COOL**

Terex<sup>®</sup> Fuchs has developed innovative cooling technologies. Efficient and effective cooling of the machine promotes longevity of components. The separate cooling systems, with a hydrostatically powered oil-cooling fan and water intercooler that is connected by a viscous-coupling, achieve excellent cooling performance while operating quietly. The fan speed is temperature-controlled up to 122°F (50°C) ambient air temperature.

# emissions values EMR III engine control for low noise emissions Special options, such as particulate and intake air filters as well as pressurized air supply for operation indoors Components are easily accessible via fold-away

Components are easily accessible via fold-away steps leading to the maintenance platform

#### HIGH PERFORMANCE, LOW CONSUMPTION

At the core of the machine is a powerful turbocharged diesel engine with common-rail fuel injection, providing an output of 153 HP (114 kW) and a maximum torque of 401 lbf ft (544 Nm). The engine operates quietly with low emissions complying fully with TIER III and COM III emissions standards.



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## **OOL MOVES** QUALITY. EXCEPTIONALLY LOW EMISSION VALUES



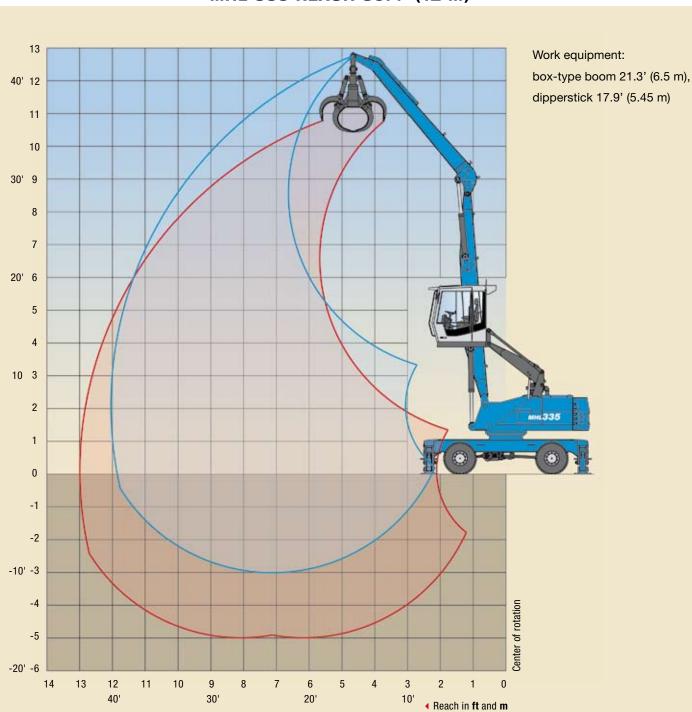
#### A CLEAN DEAL

The standard cooler with a low, temperature-controlled fan speed and optimal arrangement of the cooling fins protects the cooling system from dust. Additional options are available, such as particulate filters, reversible fans, filter mats and Zyklon separators. An airtight cab with pressurization and air supply is also available if required.

#### EASY TO SERVICE

The standard central lubrication system for the uppercarriage reduces maintenance time. Service tasks are easier to execute. Components can be serviced either from the ground or through easy access to the maintenance platform by climbing convenient fold-away steps.





## WORKING DIAGRAM MHL 335 REACH 39.4' (12 m)

## LIFTING CAPACITY MHL 335 REACH 39.4' (12 m)

HEIGHT	UNDERCARRIAGE		REACH (ft)				
(ft)	STABILIZERS	15	20	25	30	35	40
35	non supported			(9,750*)			
30	4-pt. supported			9,750* (9,750*)			
30	non supported			(10,070)	(7,420)		
30	4-pt. supported			11,330* ( 11,330*)	9,110* (9,110*)		
25	non supported			(10,030)	(7,440)	(5,690)	
20	4-pt. supported			11,360* (11,360*)	10,770* (10,770*)	7,100* (7,100*)	
20	non supported			(9,820)	(7,330)	(5,670)	
20	4-pt. supported			11,930* (11,930*)	11,040* (11,040*)	8,720 (9,840*)	
15	non supported		(13,400)	(9,470)	(7,130)	(5,560)	
10	4-pt. supported		14,800* (14,800*)	12,930* (12,930*)	10,960 (11,580*)	8,620 (10,570*)	
10	non supported	(19,560)	(12,580)	(9,020)	(6,870)	(5,420)	(4,390)
10	4-pt. supported	22,400* (22,400*)	17,140* (17,140*)	14,100* (14,190*)	10,680 (12,270*)	8,460 (10,490)	6,400* (6,400*)
E	non supported	(17,750)	(11,730)	(8,560)	(6,600)	(5,270)	(4,330)
5	4-pt. supported	27,150* (27,150*)	19,110 (19,450*)	13,590 (15,430*)	10,390 (12,940*)	8,300 (10,330)	6,850* (6,870*)
0	non supported	(16,570)	(11,070)	(8,180)	(6,370)	(5,150)	
U	4-pt. supported	19,980* (19,980*)	18,360 (21,000*)	13,170 (16,300*)	10,140 (12,720)	8,170 (10,190)	
-	non supported	(16,080)	(10,700)	(7,930)	(6,220)	(5,080)	
-5	4-pt. supported	16,440* (16,440*)	17,930 (21,340*)	12,890 (16,410*)	9,980 (12,550)	8,090 (10,110)	
10	non supported			(7,840)			
-10	4-pt. supported			12,790 (15,770*)			

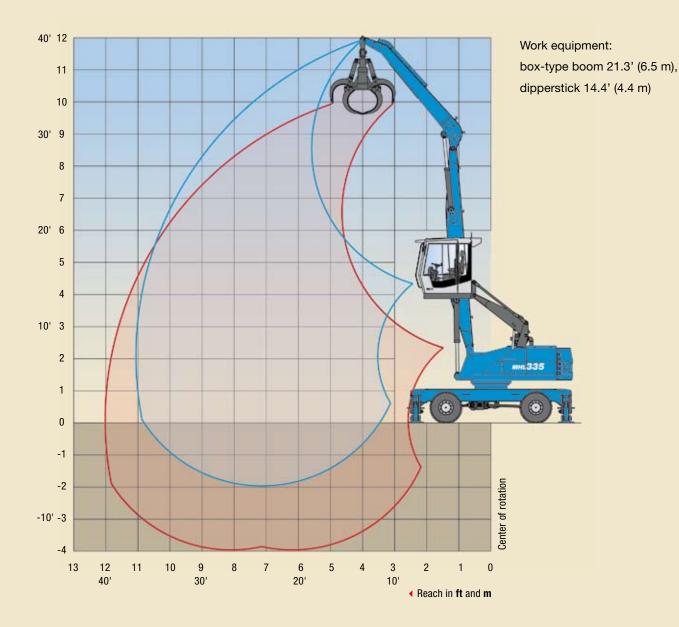
Capacity values are stated in pounds (lbs). The pump pressure is 5,221 psi (360 bar). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked \*). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (quick attach, grab, magnet, load hook, etc.) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

#### **RECOMMENDED ATTACHMENTS**

Loading system 39.4' (12 m)

LOAD HOOK	22,046 lbs (10 t)
Terex <sup>®</sup> FUCHS CACTUS GRAB	$0.52 \mbox{ yd}^{\rm s}$ (0.4 $\mbox{m}^{\rm s}\mbox{)},$ open or half-closed tines
Terex® FUCHS CACTUS GRAB	0.78 yd <sup>3</sup> (0.6 m <sup>3</sup> ), open or half-closed tines
CLAMSHELL GRAB	0.85 yd $^{\scriptscriptstyle 3}$ (0.65 m $^{\scriptscriptstyle 3}$ ) density to 2,360 lbs/yd $^{\scriptscriptstyle 3}$ (1,400 kg/m $^{\scriptscriptstyle 3}$ )
CLAMSHELL GRAB	1.3 yd $^{3}$ (1.0 m $^{3}$ ) density to 1,348 lbs/yd $^{3}$ (800 kg/m $^{3}$ )
Terex® FUCHS MAGNET PLATE MP 1150	dia. = 3.8 ft (1,150 mm) with 11 kW magnet system
Terex® FUCHS MAGNET PLATE MP 1250	dia. = 4.1 ft (1,250 mm) with 13 kW magnet system







## LIFTING CAPACITY MHL 335 REACH 36' (11 m)

HEIGHT	UNDERCARRIAGE	REACH (ft)				
(ft)	STABILIZERS	15	20	25	30	35
05	non supported		(12,640*)			
35	4-pt. supported		12,640* (12,640*)			
20	non supported		(13,910)	(9,710)		
30	4-pt. supported		14,050* (14,050*)	12,580* (12,580*)		
05	non supported		(13,830)	(9,710)	(7,210)	
25	4-pt. supported		14,160* (14,160*)	12,900* (12,900*)	11,040 (11,120*)	
00	non supported		(13,470)	(9,520)	(7,150)	
20	4-pt. supported		15,170* (15,170*)	13,390* (13,390*)	10,970 (12,140*)	
45	non supported	(20,120)	(12,860)	(9,200)	(6,980)	(5,490)
15	4-pt. supported	21,430* (21,430*)	16,940* (16,940*)	14,280* (14,300*)	10,790 (12,560*)	8,520 (10,150*)
10	non supported	(18,430)	(12,110)	(8,800)	(6,770)	(5,390)
10	4-pt. supported	26,120* (26,120*)	19,080* (19,080*)	13,840 (15,400*)	10,560 (13,100*)	8,420 (10,440)
5	non supported	(17,020)	(11,420)	(8,430)	(6,560)	(5,290)
5	4-pt. supported	21,490* (21,490*)	18,730 (20,880*)	13,430 (16,330*)	10,330 (12,910)	8,310 (10,330)
0	non supported	(15,390*)	(10,970)	(8,150)	(6,400)	(5,230)
0	4-pt. supported	15,390* (15,390*)	18,210 (21,630*)	13,120 (16,640)	10,160 (12,730)	8,250 (10,260)
-5	non supported		(10,790)	(8,020)	(6,340)	
-9	4-pt. supported		18,000 (20,990*)	12,970 (16,340*)	10,090 (16,340)	

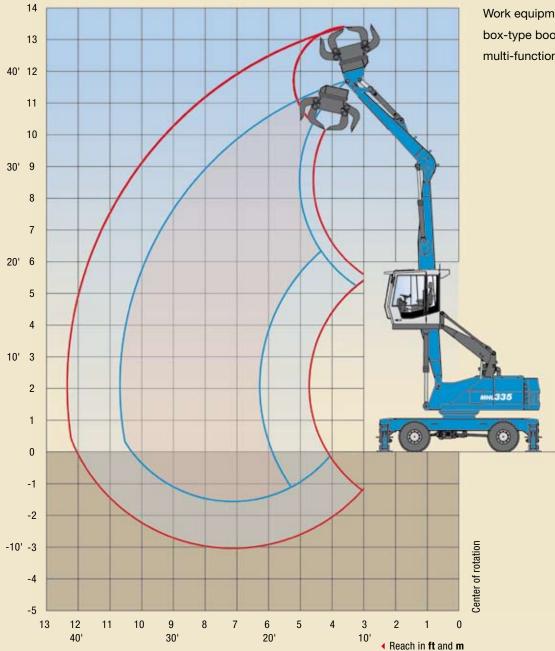
Capacity values are stated in pounds (lbs). The pump pressure is 5,221 psi (360 bar). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked \*). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (quick attach, grab, magnet, load hook, etc.) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

#### **RECOMMENDED ATTACHMENTS**

Loading system 36' (11 m)

LOAD HOOK	22,046 lbs (10 t)
Terex® FUCHS CACTUS GRAB	$0.52\ \text{yd}^{\text{3}}$ (0.4 m³), open or half-closed tines
Terex <sup>®</sup> FUCHS CACTUS GRAB	$0.78 \mbox{ yd}^3$ (0.6 $\mbox{m}^3\mbox{)},$ open or half-closed tines
Terex <sup>®</sup> FUCHS CACTUS GRAB	1.0 yd $^{\scriptscriptstyle 3}$ (0.8 m $^{\scriptscriptstyle 3}$ ), open or half-closed tines
CLAMSHELL GRAB	1.3 yd $^{3}$ (1.0 m $^{3}$ ) density to 2,360 lbs/yd $^{3}$ (1,400 kg/m $^{3}$ )
CLAMSHELL GRAB	2.0 yd $^3$ (1.6 m $^3$ ) density to 1,348 lbs/yd $^3$ (800 kg/m $^3$ )
Terex <sup>®</sup> FUCHS MAGNET PLATE MP 1150	dia. = 3.8 ft (1,150 mm) with 11 kW magnet system
Terex <sup>®</sup> FUCHS MAGNET PLATE MP 1250	dia. = 4.1 ft (1,250 mm) with 13 kW magnet system

## WORKING DIAGRAM MHL 335 REACH 35' (10.7 m) MULTI-FUNCTION STICK



Work equipment: box-type boom 21.3' (6.5 m), multi-function stick 13.1' (4.0 m)



### LIFTING CAPACITY MHL 335 REACH 35' (10.7 m) MULTI-FUNCTION STICK

HEIGHT	UNDERCARRIAGE	REACH (ft)			_	
(ft)	STABILIZERS	15	20	25	30	35
05	non supported		(11,060*)			
35	4-pt. supported		11,060* (11,060*)			
30	non supported		(13,250)	(9,060)		
30	4-pt. supported		14,220* (14,220*)	(11,420*) (11,420*)		
25	non supported		(13,170)	(9,100)	(6,600)	
20	4-pt. supported		14,280* (14,280*)	(12,790*) (12,790*)	(9,180*) (9,180*)	
20	non supported	(18,470*)	(12,790)	(8,910)	(6,560)	
20	4-pt. supported	18,470* (18,470*)	15,250* (15,250*)	13,220* (13,220*)	10,380 (11.840*)	
15	non supported	(19,170)	(12,150)	(8,580)	(6,410)	
10	4-pt. supported	22,090* (22,090*)	16,950* (16,950*)	13,650 (14,060*)	10,210 (12,190*)	
10	non supported	(17,420)	(11,380)	(8,180)	(6,200)	(4,850)
10	4-pt. supported	26,530* (26,530*)	18,760 (18,950*)	13,210 (15,050*)	9,990 (12,570)	7,880 (9,900)
-	non supported	(16,130)	(10,720)	(7,820)	(6,000)	(4,770)
5	4-pt. supported	16,490* (16,490*)	18,010 (20,470*)	12,810 (15,830*)	9,770 (12,350)	7,790 (9,810)
0	non supported	(13,950*)	(10,330)	(7,570)	(5,870)	
0	4-pt. supported	13,950* (13,950*)	17,550 (20,850)	12,540 (16,030)	9,630 (12,190)	
-5	non supported			(7,470)		
-0	4-pt. supported			12,430 (15,320*)		

Capacity values are stated in pounds (lbs). The pump pressure is 5,221 psi (360 bar). The values, in accordance with ISO 10567, amount to 75% of the static tipping load or 87% of the hydraulic lifting force (marked \*). They apply to slewing operations through 360° on a firm and level surface. Values in brackets apply to the longitudinal direction of the undercarriage. "Non-supported" values apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (quick attach, grab, magnet, load hook, etc.) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

# TECHNICAL DATA





	MHL 335				
OPERATING WE	IGHT				
	51,808 - 55,115 lbs (23.5 - 25 t)				
DIESEL ENGINE					
MANUFACTURER AND Model	Deutz TCD 2012 L06 2V				
DESIGN	6 Cylinder Inline				
ENGINE CONTROL	EMR III				
ТҮРЕ	4-stroke Diesel engine, direct common-rail fuel-injection, turbocharger with intercooling				
ENGINE OUTPUT	153 HP (114 kW)				
NOMINAL SPEED	2,000 rpm				
DISPLACEMENT	366 in <sup>3</sup> (6 L)				
COOLING SYSTEM	Liquid intercooling with temperature controlled fan speed				
EMISSIONS STANDARD	TIER III and COM III				
AIR FILTER DESIGN	Two-stage filter with safety valve				
FUEL CAPACITY (USABLE)	79.25 U.S. gal (300 L)				
	STEM				
OPERATING VOLTAGE	24 V				
BATTERIES	2 x 12 V / 100 Ah / 760 A (in accordance with EN)				
LIGHTING SET	1 dipperstick-mounted floodlight, 1 headlight mounted to uppercarriage, 1 floodlight attached to cab floor, rear side-marker and turn signal lamps				
OPTION	Magnet system 11 or 13 kW				
TRAVEL DRIVE					
	Hydrostatic drive through infinitely variable axial piston motor and directly mounted travel brake valves, two-speed power shift gear, 4-wheel drive				
TRAVEL SPEED 1ST GEAR	max 3.1 mph (5 km/hr)				
TRAVEL SPEED 2ND GEAR	max 12.4 mph (20 km/hr)				
GRADEABILITY	max 45%				
TURNING RADIUS	26.9' (8.2 m)				
SWING SYSTEM	n				
RING GEAR	Internally toothed ball ring gear (double row)				
DRIVE	Three-stage planetary gear with integrated				

multi-disc brake

Electrically operated

oscillating axle lock

4-Point stabilizers

Infinitely variable from 0 - 8 rpm

Planetary drive axle with integrated drum brake, rigidly mounted max steering angle 27°

Oscillating planetary drive rear axle with integrated drum brake and selectable

Solid rubber, elastic tires 8-fold 10.00 - 20

UPPER CARRIAGE

SWING SPEED **PIVOT BRAKE** 

FRONT AXLE

REAR AXLE

**STABILIZER VARIATIONS** 

TIRES

BRAKE SYSTEM				
SERVICE BRAKE	Hydraulic single-circuit braking system acting on all four wheel pairs			
PARKING BRAKE	Electrically operated disc brake at transmission, acting on both axles			
HYDRAULIC SY	STEM			
	REXROTH mobile hydraulic system with load limit control and fuel conserving power demand control fan speed, Separate oil cooler, temperature-regulated fan speed. Hydraulic oil filter: filter elements integrated in the oil tank; maintenance interval: 3,000 operating hours. Central lubrication system			
MAX. PUMP CAPACITY	100.3 U.S. gal/min (380 L/min)			
MAX. OPERATING Pressure	4,641 / 5,221 psi (320 / 360 bar)			
HYDRAULIC OIL TANK	90 U.S. gal (340 L)			
OPERATOR CAR	3			

	Elastically supported, infinitely variable hydrau- lically height-adjustable with max eye level of 17.4' (5.3 m). Sound-deadened, heat-insulated panoramic windows for optimum all-around view, windshield with pull-down sunblind that slides under cab roof, sliding window in cab door, steering column height and tilt adjustable
HEATING	Infinitely variable hot water heating with 3-speed fan, 4 adjustable defroster nozzles
OPERATOR'S SEAT	Air-cushioned comfort seat with integrated headrest, safety belt and lumbar support, seat heating with integrated a/c function optional. Seat position, seat inclination and seat cushion multi-adjustable in line with position of armrests and pilot control units, allowing comfortable operation
MONITORING	Ergonomic, glare-free instrument layout, multi-function display; automatic monitoring; warning and storage of deviating operating conditions, e.g. filter pressure monitoring with warning indicator and shutdown of pilot controls, warning and shutdown of pilot controls when exceeding maximum hydraulic fluid temperature
AIR CONDITIONING	Automatic air-conditioning
SOUND POWER LEVEL	(guaranteed) in accordance with guideline 2000/14 EG

For crane operations in accordance with EN 474-5

Certification according to CE-regulations



ENGINE	STANDARD	OPTION
Turbocharger	•	
Intercooling	•	
Direct electronic fuel injection/Common Rail	•	
Automatic idle	•	
Interface for engine diagnosis	•	
Temperature controlled fan drive	•	
UNDERCARRIAGE	STANDARD	OPTION
2-speed power-shift transmission	•	
4-point stabilizers	•	
4-point stabiliziers, individually controllable		
Stabilizer cylinders with integrated two-way check valves	•	
All-wheel drive	•	
Piston rod protection on the stabilizer cylinders	•	
Stabilizer plate 20" x 14" (500 x 350 mm)	•	
Rear axle oscillating lock	•	
Dozer blade in addition to 4-point stabilizers		•
•		
Special point		
Special paint	•	•
Drum brakes	•	
	•	
Drum brakes	• • STANDARD	OPTION
Drum brakes Tool box	• • STANDARD	OPTION •
Drum brakes Tool box UPPERCARRIAGE	• • Standard	OPTION •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump	• STANDARD	OPTION •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump Lighting protection Maintenance hood, actuated by gas strut,	•	OPTION •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump Lighting protection Maintenance hood, actuated by gas strut, with mechanical locking device	•	OPTION •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump Lighting protection Maintenance hood, actuated by gas strut, with mechanical locking device Lockable cleaning access openings on radiator Separate radiator system for ambient	•	OPTION •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump Lighting protection Maintenance hood, actuated by gas strut, with mechanical locking device Lockable cleaning access openings on radiator Separate radiator system for ambient temperatures up to 122° F (50° C) Separate oil cooler with temperature-	•	OPTION •
Drum brakes         Tool box         UPPERCARRIAGE         Electric refueling pump         Lighting protection         Maintenance hood, actuated by gas strut, with mechanical locking device         Lockable cleaning access openings on radiator         Separate radiator system for ambient temperatures up to 122° F (50° C)         Separate oil cooler with temperature-controlled fan drive	•	OPTION • •
Drum brakes Tool box UPPERCARRIAGE Electric refueling pump Lighting protection Maintenance hood, actuated by gas strut, with mechanical locking device Lockable cleaning access openings on radiator Separate radiator system for ambient temperatures up to 122° F (50° C) Separate oil cooler with temperature- controlled fan drive Back-up alarm	•	OPTION
<ul> <li>Drum brakes</li> <li>Tool box</li> <li>UPPERCARRIAGE</li> <li>Electric refueling pump</li> <li>Lighting protection</li> <li>Maintenance hood, actuated by gas strut, with mechanical locking device</li> <li>Lockable cleaning access openings on radiator</li> <li>Separate radiator system for ambient temperatures up to 122° F (50° C)</li> <li>Separate oil cooler with temperature-controlled fan drive</li> <li>Back-up alarm</li> <li>Special paint</li> <li>Quick drain valve on diesel tank</li> </ul>	•	• •
Drum brakes         Tool box         UPPERCARRIAGE         Electric refueling pump         Lighting protection         Maintenance hood, actuated by gas strut, with mechanical locking device         Lockable cleaning access openings on radiator         Separate radiator system for ambient temperatures up to 122° F (50° C)         Separate oil cooler with temperature-controlled fan drive         Back-up alarm         Special paint         Quick drain valve on diesel tank (delivered in tool box)	•	• •
<ul> <li>Drum brakes</li> <li>Tool box</li> <li>UPPERCARRIAGE</li> <li>Electric refueling pump</li> <li>Lighting protection</li> <li>Maintenance hood, actuated by gas strut, with mechanical locking device</li> <li>Lockable cleaning access openings on radiator</li> <li>Separate radiator system for ambient temperatures up to 122° F (50° C)</li> <li>Separate oil cooler with temperature-controlled fan drive</li> <li>Back-up alarm</li> <li>Special paint</li> <li>Quick drain valve on diesel tank (delivered in tool box)</li> <li>Quick drain valve on hydraulic oil tank</li> </ul>	•	• •
<ul> <li>Drum brakes</li> <li>Tool box</li> <li>UPPERCARRIAGE</li> <li>Electric refueling pump</li> <li>Lighting protection</li> <li>Maintenance hood, actuated by gas strut, with mechanical locking device</li> <li>Lockable cleaning access openings on radiator</li> <li>Separate radiator system for ambient temperatures up to 122° F (50° C)</li> <li>Separate oil cooler with temperature-controlled fan drive</li> <li>Back-up alarm</li> <li>Special paint</li> <li>Quick drain valve on diesel tank (delivered in tool box)</li> <li>Quick drain valve on hydraulic oil tank</li> <li>Quick drain valve on water cooler</li> </ul>	•	• • •



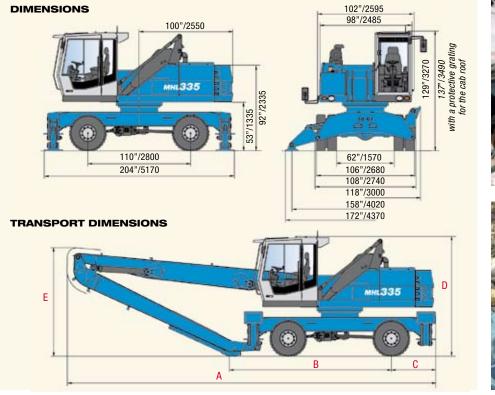
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# EQUIPMENT MHL 335

САВ	STANDARD	OPTION
Lift-up skylight in cab roof	•	
Air-cushioned operator's seat with headrest, safety belt and lumbar support	•	
FOPS-Protective cab guard		•
Hinged front windshield	•	
Front windows, break-resistant (LEXAN)		•
Bullet-proof glass, front and top		٠
Cab system, height adjustable	•	
Air-conditioning	•	
Steering column, height and tilt adjustable	•	
Multi-functional display	•	
Fire extinguisher, dry powder		•
Radio and CD player	•	
Flashing beacon	•	
Sliding window in cab door	•	
Safety glass	•	
Seat heating		٠
Windshield washer system	•	
EQUIPMENT	STANDARD	OPTION
Working floodlights on cab floor	•	
Working floodlights on uppercarriage	•	
Working floodlights on dipperstick	•	
Close proximity range limiter for dipperstick	•	
Coolant and hydraulic oil level monitoring system	•	
Load holding protection for boom cylinders	•	
Load holding protection for stick cylinders	•	
Dipperstick shock protection	•	
Lubrication of the grab suspension through the central lubrication system	•	
Overload warning / shut-off installation		•
XENON floodlight on dipperstick		•
XENON floodlight on uppercarriage		•
XENON floodlight on cab roof		•
Quick attach coupling on dipperstick	•	
	Lift-up skylight in cab roofAir-cushioned operator's seat with headrest, afety belt and lumbar supportFOPS-Protective cab guardFOPS-Protective cab guardHinged front windshieldFront windows, break-resistant (LEXAN)Bullet-proof glass, front and topCab system, height adjustableAir-conditioningSteering column, height and tilt adjustableMulti-functional displayFire extinguisher, dry powderRadio and CD playerSliding window in cab doorSafety glassSoat heatingWindshield washer systemVerking floodlights on uppercarriageVorking floodlights on lipperstickColant and hydraulic oil level pomistick shock protectionLoad holding protection for boom cylindersDipperstick shock protectionCurcload warning / shut-off installationKENON floodlight on uppercarriageKENON floodlight on uppercarriage	Idif-up skylight in cab roofIdiaLift-up skylight in cab roofIdiaAir-cushioned operator's seat with headrests, safety belt and lumbar supportIdiaFOPS-Protective cab guardIdiaFont windows, break-resistant (LEXAN)IdiaBullet-proof glass, front and topIdiaCab system, height adjustableIdiaAir-conditioningIdiaSteering column, height and tilt adjustableIdiaMulti-functional displayIdiaFire extinguisher, dry powderIdiaRadio and CD playerIdiaStafety glassIdiaSiding window in cab doorIdiaStafety glassIdiaVorking floodlights on cab floorIdiaVorking floodlights on uppercarriageIdiaVorking floodlights on uppercarriageIdiaColoant and hydraulic oil level monitoring systemIdiaLoad holding protection for boom cylindersIdiaLoad holding protection for stick cylindersIdiaLipperstick shock protectionIdiaLipperstick shock protectionIdiaKENON floodlight on uppercarriageIdiaLibrication of the grab suspension through the central lubrication systemIdiaKENON floodlight on uppercarriageIdiaKENON floodlight on u











DIMENSIONS	REACH 39.4' (12 m)	REACH 36' (11 m)	REACH 35' (10.7 m) (MULTI-FUNCTION STICK)	
A	393" (10,000 mm)	393" (10,000 mm)	398" (10,100 mm)	
В	173" (4,400 mm)	217" (5,500 mm)	211" (5,350 mm)	
C	47" (1,185 mm)	47" (1,185 mm)	47" (1,185 mm)	
D	129" (3,270 mm) <i>137" (3,490 mm)*</i>	129" (3,270 mm) <i>137" (3,490 mm)*</i>	129" (3,270 mm) <i>137" (3,490 mm)*</i>	
E	118" (3,000 mm)	106" (2,700 mm)	109" (2,780 mm)	
* with a protective grating for the cab roof				



Effective Date: April, 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks, or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2008 Terex Corporation.

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