



**TEREX® | FUCHS**

**MHL 360D**

**MATERIAL HANDLER**

<b>ENGINE</b>	249 hp (186 kW)
<b>WEIGHT</b>	97,003 - 101,413 lbs (44 t - 46 t)
<b>REACHES</b>	54' (16.5 m) 18 m (59')

SCRAP RECYCLING MACHINE  
**MHL 360D**



- ▶ High-performance, turbocharged diesel engine rated at 249 hp (186 kW)  
COM III / TIER III
- ▶ Operating weight 97,003 - 101,413 lbs (44 - 46 t)
- ▶ Efficient hydraulic system
- ▶ Improved lifting capacities
- ▶ Multi-functional display
- ▶ Low sound power level

The machine can be fitted with optional equipments

Courtesy of Crane.Market

**PERFOR  
AND WH**

**THE NEW MHL 360D  
IS ENGINEERED TO MEET THE  
TOUGH CHALLENGES YOU FACE  
EVERY DAY**

- ▶ Improved lifting capacities
- ▶ Optimized efficiency
- ▶ High performance 249 hp (186 kW) engine with exceptionally low emission values and sound levels
- ▶ Electronic engine management (EMR III) for superior engine control
- ▶ Multi color display in the cabin allows monitoring of essential engine data





# PERFORMANCE WHEN AND WHERE YOU NEED IT

## MACHINE FEATURES

### AT A GLANCE

- ▶ Optimized Terex Fuchs technical components ensure high performance and versatility in scrap handling
- ▶ Efficient and up-to-date 249 hp (186 kW) Deutz turbocharged diesel engine power (TIER III / COM III / EPA III)
- ▶ Comfortable – not complicated: Luxury in the cockpit for a more productive working day, plus multi-functional display



State-of-the-art, functional design of counterweight, headlamps and fairings



## **A BETTER VIEWPOINT**

All relevant equipment data is constantly within view on the new, high-resolution color display. You maintain constant awareness of essential operating conditions, such as fuel remaining, coolant temperature and hydraulic oil temperature.

### **DISPLAY FEATURES AT A GLANCE**

- ▶ Easy-to-scan color display
- ▶ Servicing and maintenance made easier via rapid screening of all operationally relevant data
- ▶ Comfortable user-interface with intuitive symbols and user friendly text messages







Terex Fuchs has taken great care to develop a cab that integrates a variety of operators' suggestions as standard.



#### **CAB FEATURES**

- ▶ Excellent visibility
- ▶ Ergonomically designed operator environment
- ▶ Comfortable air cushioned seat
- ▶ Air conditioning standard
- ▶ Adjustable steering column

#### **AT A GLANCE**

#### **KEEPING OPERATOR FATIGUE TO A MINIMUM**

- ▶ Hydraulically elevating cab provides an excellent view of both the task at hand and equipment.
- ▶ Light and spacious interior
- ▶ Ergonomically designed operator cab puts everything right where you need it

# POWERFUL EFFICIENCY

The MHL 360D is powered at 2,000 rpm by a 249 hp (186 kW) fuel-efficient Deutz engine that meets COM III and Tier III emissions requirements.

## EASY ON THE EARS

Sound levels have been lowered by more than 3db on the MHL 360D. A low-noise pump and a separate cooling-system, large radiator and low fan speed contribute to the quiet operation of the machine.

## LOAD SENSING CONTROL

The MHL 360D is equipped with a state-of-the-art load sensing control system which ensures optimum engine performance in every speed range and protects against overload.

## PROVEN HYDRAULIC SYSTEM

The Terex Fuchs hydraulic system allows for precise and independent motions - giving you total control.

## THE RIGHT AMOUNT OF POWER

Whether you're dealing with rapid power cycles or unwieldy loads - hydraulic performance is consistent and matched to the task at hand, allowing for excellent fuel efficiency and lower operating costs.



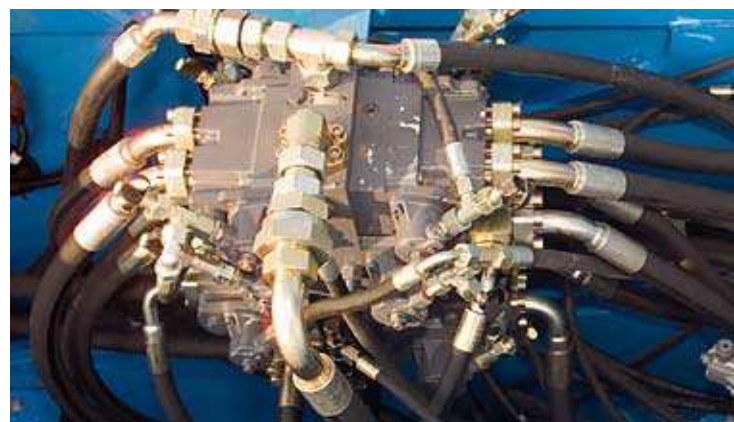
## ENGINE SPECS

## AT A GLANCE

- ▶ 249 hp (186 kW) strong turbocharged Deutz engine
- ▶ Low noise emission
- ▶ Optimum performance utilization in every speed range



Illustration similar





## KEEP YOUR COOL

The separate cooling system maintains optimum temperatures.

### COOLING SYSTEM FEATURES

### AT A GLANCE

- ▶ Operating temperature up to 50°C ambient air temperature
- ▶ Excellent cooling performance and low noise emission
- ▶ Hydrostatically powered oil-cooling fan
- ▶ Thermostatically controlled oil cooling fan speeds
- ▶ Fan drive via viscous coupling in water/charge-air cooling system

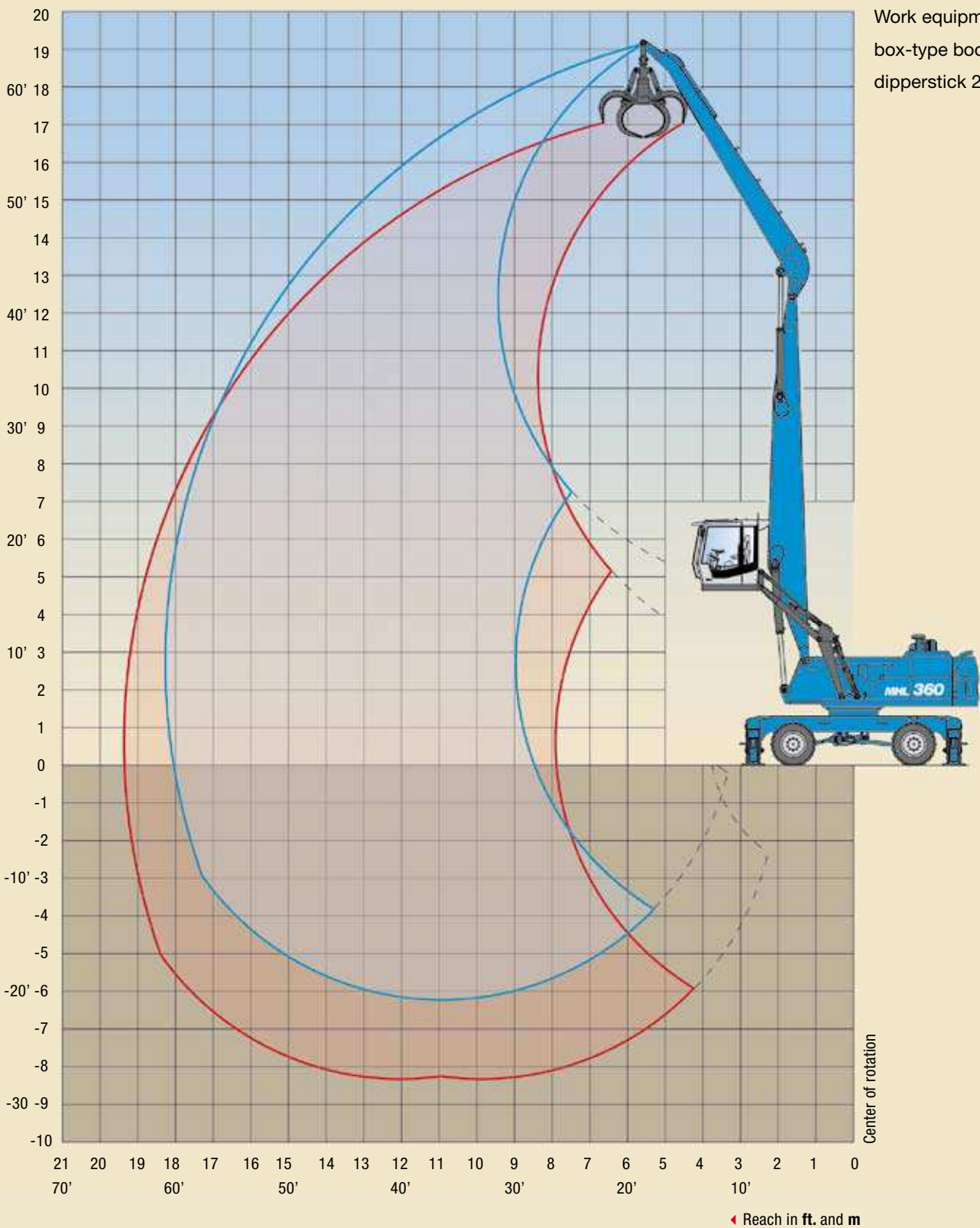
## EASY TO SERVICE

The easily accessible maintenance platform substantially facilitates servicing; components are located within easy view and reach. Platform access is via side-mounted maintenance access steps. Radiator, intercooler and oil-cooler are within easy reach from the ground.



# WORKING DIAGRAM

MHL 360D REACH 59' (18 m)





# LIFTING CAPACITY

## MHL 360D REACH 59' (18 m)

HEIGHT ft.	UNDERCARRIAGE STABILIZERS	REACHES ft.									
		15	20	25	30	35	40	45	50	55	60
50	non supported				(19,580*)	(15,140)	(11,770)				
	4-pt. supported				19,580* (19,580*)	17,380* (17,380*)	13,880* (13,880*)				
45	non supported					(15,410)	(12,090)	(9,550)			
	4-pt. supported					17,080* (17,080*)	15,440* (15,440*)	13,140* (13,140*)			
40	non supported					(15,460)	(12,170)	(9,710)	(7,740)		
	4-pt. supported					17,000* (17,000*)	15,340* (15,340*)	13,940* (13,940*)	11,380* (11,380*)		
35	non supported					(15,300)	(12,080)	(9,690)	(7,810)		
	4-pt. supported					17,140* (17,140*)	15,400* (15,400*)	13,930* (13,930*)	12,050 (12,640*)		
30	non supported				(19,390)	(14,950)	(11,840)	(9,530)	(7,750)	(6,300)	
	4-pt. supported				19,850* (19,850*)	17,480* (17,480*)	15,590* (15,590*)	14,020* (14,020*)	11,990 (12,650*)	10,020 (11,320*)	
25	non supported				(18,630)	(14,410)	(11,460)	(9,280)	(7,600)	(6,250)	
	4-pt. supported				20,670* (20,670*)	17,980* (17,980*)	15,880* (15,880*)	14,160* (14,160*)	11,820 (12,680*)	9,960 (11,300*)	
20	non supported			(23,580)	(17,600)	(13,710)	(10,970)	(8,950)	(7,380)	(6,120)	
	4-pt. supported			26,060* (26,060*)	21,690* (21,690*)	18,570* (18,570*)	16,210* (16,210*)	13,820 (14,320*)	11,590 (12,710*)	9,830 (11,240*)	
15	non supported	(37,480)	(30,380)	(21,610)	(16,380)	(12,900)	(10,420)	(8,560)	(7,120)	(5,960)	(5,010)
	4-pt. supported	48,510* (48,510*)	36,400* (36,400*)	27,930* (27,930*)	22,710* (22,710*)	19,140* (19,140*)	16,140 (16,500*)	13,410 (14,430*)	11,320 (12,690*)	9,670 (11,100*)	8,320 (9,330*)
10	non supported		(26,550)	(19,520)	(15,090)	(12,050)	(9,840)	(8,160)	(6,850)	(5,790)	(4,920)
	4-pt. supported		39,210* (39,210*)	29,370* (29,370*)	23,480 (23,480*)	18,950 (19,530*)	15,530 (16,660*)	12,990 (14,420*)	11,030 (12,560*)	9,480 (10,860*)	8,230 (8,950*)
5	non supported		(20,210*)	(17,700)	(13,920)	(11,270)	(9,300)	(7,780)	(6,590)	(5,620)	(4,850)
	4-pt. supported		20,210* (20,210*)	29,270 (29,800*)	22,540 (23,710*)	18,100 (18,590*)	14,940 (16,580*)	12,590 (14,230*)	10,760 (12,260*)	9,310 (10,440*)	8,150 (8,320*)
0	non supported		(15,350*)	(16,410)	(13,010)	(10,610)	(8,830)	(7,460)	(6,360)	(5,490)	(4,800)
	4-pt. supported		15,350* (15,350*)	27,820 (28,960*)	21,530 (23,220*)	17,400 (19,180*)	14,450 (16,160*)	12,240 (13,760*)	10,530 (11,720*)	9,170 (9,760*)	7,310* (7,310*)
-5	non supported		(15,290*)	(15,660)	(12,390)	(10,140)	(8,480)	(7,210)	(6,200)	(5,400)	
	4-pt. supported		15,290* (15,290*)	26,860* (26,860*)	20,850 (21,900*)	16,880 (18,190*)	14,070 (15,310*)	11,970 (12,940*)	10,350 (10,840*)	8,730* (8,730*)	
-10	non supported		(16,580*)	(15,320)	(12,050)	(9,850)	(8,260)	(7,050)	(6,110)	(5,390)	
	4-pt. supported		16,580* (16,580*)	23,660* (23,660*)	19,750* (19,750*)	16,570* (16,570*)	13,840* (13,840*)	11,660* (11,660*)	9,520* (9,520*)	7,150* (7,150*)	
-15	non supported			(15,290)	(11,940)	(9,740)	(18,170)	(7,010)	(6,120)		
	4-pt. supported			19,470* (19,470*)	16,740* (16,740*)	14,220* (14,220*)	11,940* (11,940*)	9,800* (9,800*)	7,580* (7,580*)		
-20	non supported					(9,800)	(8,230)				
	4-pt. supported					11,080* (11,080*)	9,200* (9,200*)				

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 5,220 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 only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

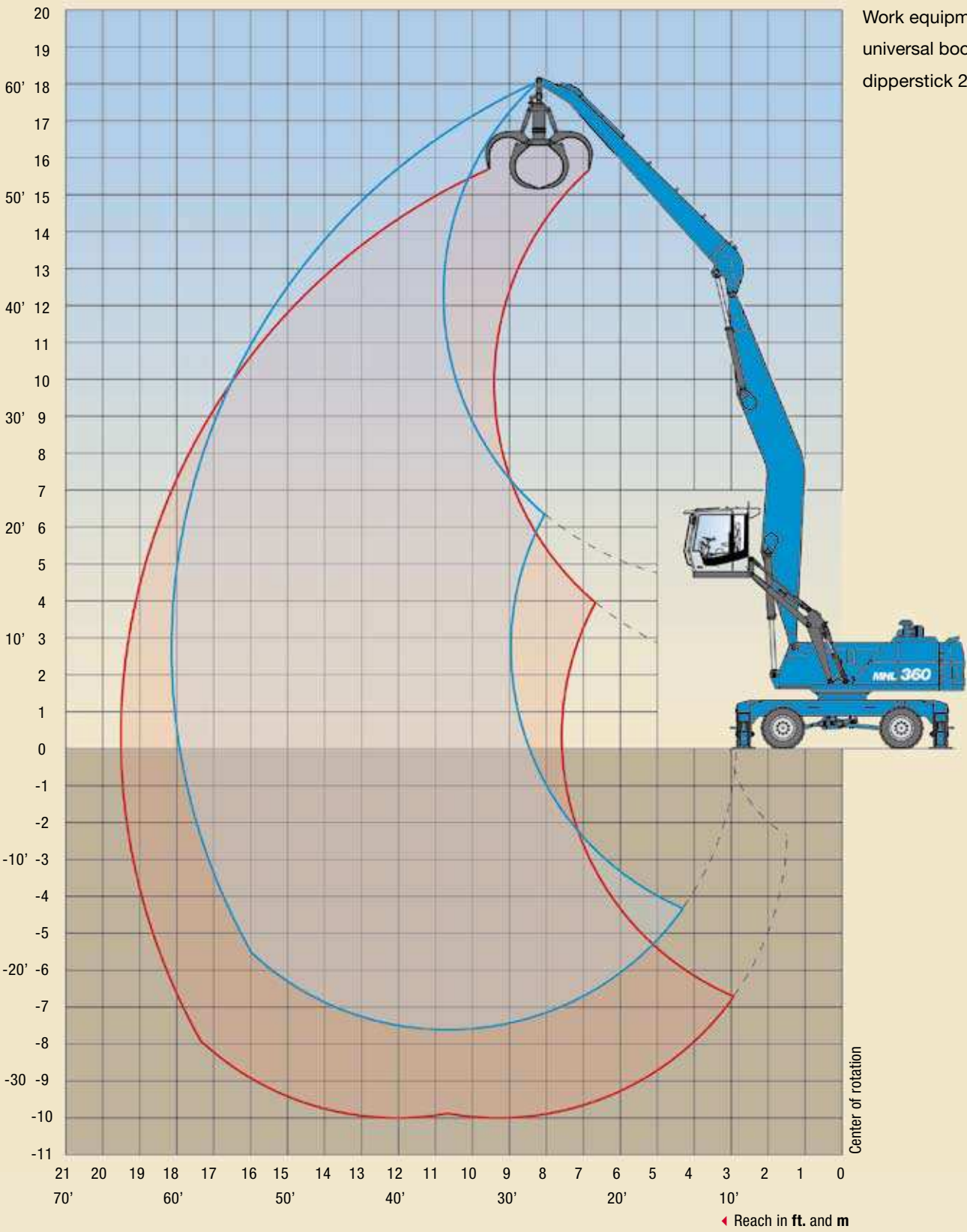
## RECOMMENDED ATTACHMENTS

Loading system 59' (18 m)

<b>LIFT HOOKS</b>	20 t
<b>TEREX FUCHS CACTUS GRABS 0.6 m³</b>	Open or half-closed shells
<b>TEREX FUCHS CACTUS GRABS 0.8 m³</b>	Open or half-closed shells
<b>TEREX FUCHS MAGNET PLATE MP 1350</b>	dia. = 1350 mm with magnet system 30 kW
<b>CLAMSHELL GRAB 1.4 m³</b>	Density of bulk material up to 1.600 kg/m³
<b>CLAMSHELL GRAB 2.0 m³</b>	Density of bulk material up to 800 kg/m³

# WORKING DIAGRAM

MHL 360D REACH 59' (18 m) - OFFSET BOOM





# LIFTING CAPACITY

## MHL 360D REACH 59' (18 m) - OFFSET BOOM

HEIGHT ft.	UNDERCARRIAGE STABILIZERS	REACHES ft.									
		15	20	25	30	35	40	45	50	55	60
50	non supported					(14,460*)	(11,670)				
	4-pt. supported					14,460* (14,460*)	12,160* (12,160*)				
45	non supported						(12,010)	(9,420)			
	4-pt. supported						13,040* (13,040*)	11,510* (11,510*)			
40	non supported						(12,100)	(9,590)	(7,580)		
	4-pt. supported						12,910* (12,910*)	12,020* (12,020*)	9,730* (9,730*)		
35	non supported						(12,000)	(9,560)	(7,660)		
	4-pt. supported						12,990* (12,990*)	12,020* (12,020*)	11,190* (11,190*)		
30	non supported					(14,550*)	(11,740)	(9,400)	(7,590)	(6,120)	
	4-pt. supported					14,550* (14,550*)	13,240* (13,240*)	12,150* (14,150*)	11,230* (11,230*)	9,860* (9,860*)	
25	non supported					(14,330)	(11,340)	(9,130)	(7,430)	(6,060)	
	4-pt. supported					15,150* (15,150*)	13,620* (13,620*)	12,380* (12,380*)	11,340* (11,340*)	9,790 (10,410*)	
20	non supported				(17,510)	(13,580)	(10,820)	(8,770)	(7,190)	(5,930)	
	4-pt. supported				18,290* (18,290*)	15,910* (15,910*)	14,100* (14,100*)	12,670* (12,670*)	11,430* (11,430*)	9,660 (10,450*)	
15	non supported	(37,485)	(30,220)	(21,440)	(16,200)	(12,710)	(10,230)	(8,360)	(6,920)	(5,750)	(4,790)
	4-pt. supported	44,100* (44,100*)	30,830* (30,830*)	23,880* (23,880*)	19,620* (19,620*)	16,730* (16,730*)	14,610* (14,610*)	12,980* (12,980*)	11,140 (11,650*)	9,480 (10,480*)	7,790* (7,790*)
10	non supported		(26,130)	(19,200)	(14,820)	(11,810)	(9,610)	(7,940)	(6,620)	(5,570)	(4,700)
	4-pt. supported		34,730* (34,730*)	25,970* (25,970*)	20,850* (20,850*)	17,480* (17,480*)	15,070* (15,070*)	12,780 (13,240*)	10,830 (11,760*)	9,280 (10,470*)	8,030 (8,900*)
0	non supported		(22,900)	(17,260)	(13,570)	(10,960)	(9,020)	(7,530)	(6,340)	(5,390)	(4,620)
	4-pt. supported		23,450* (23,450*)	27,380* (27,380*)	21,740* (21,740*)	17,810* (17,810*)	14,690* (15,390*)	12,350 (13,390*)	10,530 (11,770*)	9,090 (10,350*)	7,940 (8,820*)
0	non supported		(17,370*)	(15,870)	(12,580)	(10,260)	(8,530)	(7,180)	(6,100)	(5,240)	
	4-pt. supported		17,370* (17,370*)	27,270 (27,790*)	21,120 (22,090*)	17,060 (18,240*)	14,160 (15,480*)	11,970 (13,360*)	10,280 (11,630*)	8,940 (10,060*)	
-5	non supported		(16,730*)	(15,050)	(11,910)	(9,750)	(8,150)	(6,900)	(5,920)	(5,150)	
	4-pt. supported		16,730* (16,730*)	26,350 (27,150*)	20,390 (21,790*)	16,500 (18,030*)	13,750 (15,250*)	11,690 (13,080*)	10,090 (11,250*)	8,840 (9,520*)	
-10	non supported		(17,590*)	(14,680)	(11,540)	(9,440)	(7,900)	(6,740)	(5,830)	(5,130)	
	4-pt. supported		17,590* (17,590*)	25,550* (25,550*)	19,980 (20,810*)	16,160 (17,320*)	13,490 (14,630*)	11,510 (12,460*)	9,990 (10,540*)	8,580* (8,580*)	
-15	non supported		(18,970*)	(14,630)	(11,420)	(9,310)	(7,810)	(6,680)	(5,830)		
	4-pt. supported		18,970* (18,970*)	23,060* (23,060*)	19,110* (19,110*)	16,020* (14,020*)	13,390* (13,390*)	11,380* (11,380*)	9,360* (9,630*)		
-20	non supported		(20,600*)	(14,840)	(11,520)	(9,360)	(7,860)	(6,760)	(5,970)		
	4-pt. supported		20,600* (20,600*)	19,660* (19,660*)	16,630* (16,630*)	14,040* (14,040*)	11,790* (11,790*)	9,680* (9,680*)	7,410* (7,410*)		

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 5220 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 only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

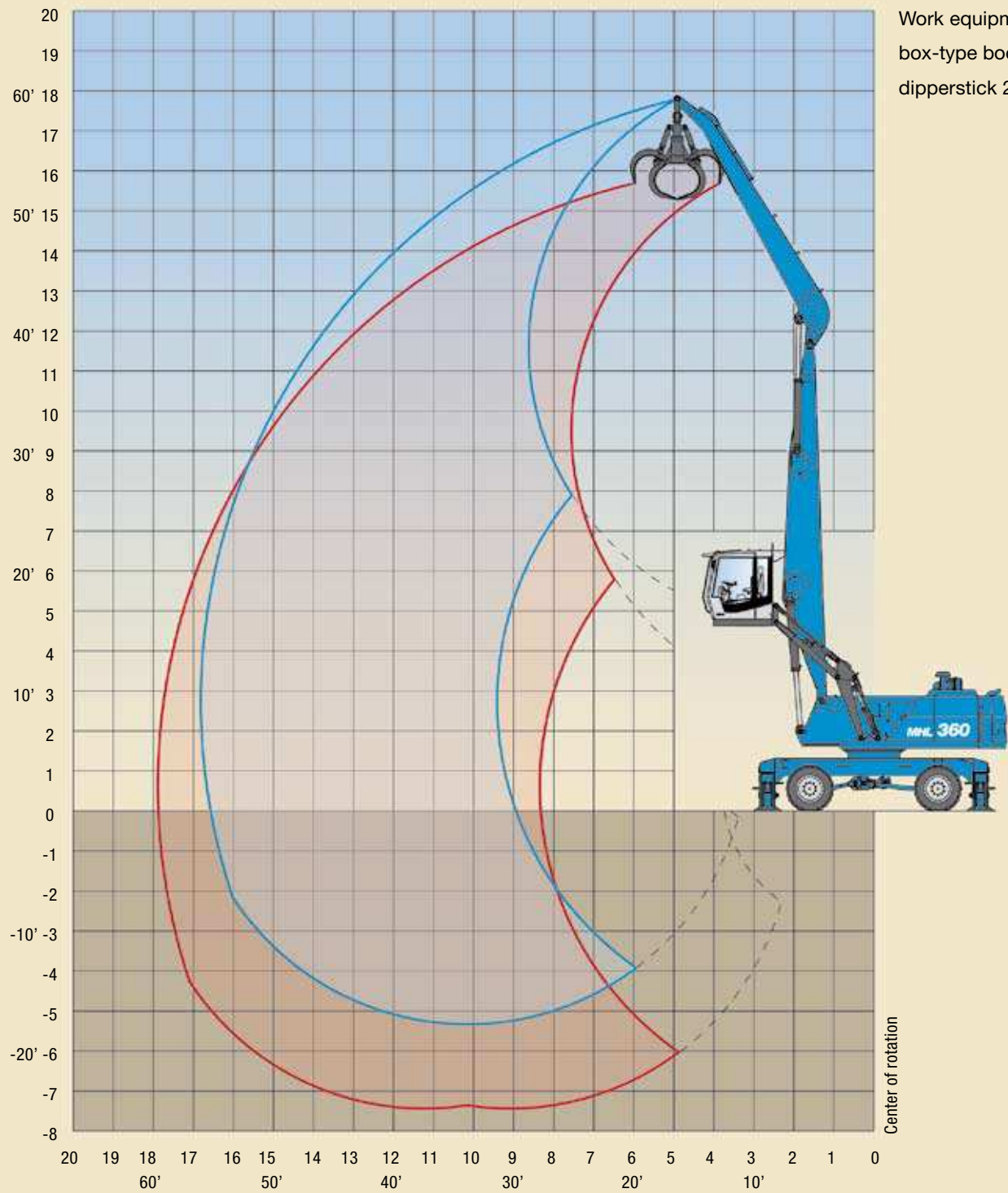
### RECOMMENDED ATTACHMENTS

Loading system 59' (18 m) - Offset boom

<b>LIFT HOOKS</b>	20 t
<b>TEREX FUCHS CACTUS GRABS 0.6 m³</b>	Open or half-closed shells
<b>TEREX FUCHS CACTUS GRABS 0.8 m³</b>	Open or half-closed shells
<b>TEREX FUCHS MAGNET PLATE MP 1250</b>	dia. = 1250 mm with magnet system 20 kW
<b>CLAMSHELL GRAB 1.4 m³</b>	Density of bulk material up to 1.600 kg/m³
<b>CLAMSHELL GRAB 2.0 m³</b>	Density of bulk material up to 800 kg/m³

# WORKING DIAGRAM

MHL 360D REACH 54' (16.5 m)



◀ Reach in m and ft.



# LIFTING CAPACITY

## MHL 360D REACH 54' (16.5 m)

HEIGHT ft.	UNDERCARRIAGE STABILIZERS	REACHES ft.								
		15	20	25	30	35	40	45	50	55
50	non supported				(18,610*)	(12,970*)				
	4-pt. supported				18,610* (18,610*)	12,970* (12,970*)				
45	non supported				(19,330)	(14,810)	(11,490)			
	4-pt. supported				20,580* (20,580*)	18,440* (18,440*)	12,950* (12,950*)			
40	non supported				(19,520)	(15,030)	(11,810)	(9,300)		
	4-pt. supported				20,250* (20,250*)	18,170* (18,170*)	16,500* (16,500*)	11,090* (11,090*)		
35	non supported				(19,440)	(15,000)	(11,850)	(9,470)		
	4-pt. supported				20,320* (20,320*)	18,170* (18,170*)	16,420* (16,420*)	14,320 (14,920*)		
30	non supported				(19,100)	(14,760)	(11,720)	(9,440)	(7,640)	
	4-pt. supported				20,770* (20,770*)	18,430* (18,430*)	16,530* (16,530*)	14,290 (14,910*)	11,820 (12,390*)	
25	non supported			(24,840*)	(18,490)	(14,350)	(11,440)	(9,290)	(7,610)	
	4-pt. supported			24,840* (24,840*)	21,560* (21,560*)	18,890* (18,890*)	16,770* (16,770*)	14,120 (14,990*)	11,780 (13,360*)	
20	non supported		(32,660*)	(23,520)	(17,620)	(13,770)	(11,060)	(9,050)	(7,480)	
	4-pt. supported		32,660* (32,660*)	26,950* (26,950*)	22,600* (22,600*)	19,470* (19,470*)	16,760 (17,060*)	13,860 (15,090*)	11,650 (13,320*)	
15	non supported	(37,480)	(30,610)	(21,820)	(19,580)	(13,090)	(10,610)	(8,750)	(7,300)	(6,130)
	4-pt. supported	52,590* (52,590*)	37,480* (37,480*)	28,940* (28,940*)	23,670* (23,670*)	20,000 (20,000*)	16,280 (17,320*)	13,550 (15,140*)	11,460 (13,220*)	9,800 (10,670*)
10	non supported		(27,260)	(20,000)	(15,470)	(12,380)	(10,140)	(8,440)	(7,110)	(6,050)
	4-pt. supported		40,630* (40,630*)	30,520* (30,520*)	24,150* (24,150*)	19,220 (20,420*)	15,770 (17,440*)	13,220 (15,060*)	11,260 (12,960*)	9,710 (10,650*)
5	non supported		(24,640)	(18,430)	(14,470)	(11,720)	(9,690)	(8,140)	(6,930)	(5,970)
	4-pt. supported		27,020* (27,020*)	29,970 (31,030*)	23,050* (24,720*)	18,510 (20,440*)	15,300 (17,280*)	12,910 (14,740*)	11,070 (12,480*)	9,630 (9,870*)
0	non supported		(20,070*)	(17,340)	(13,700)	(11,180)	(9,320)	(7,900)	(6,780)	(5,930)
	4-pt. supported		20,070* (20,070*)	28,730 (30,120*)	22,200 (24,150*)	17,930 (19,920*)	14,900 (16,710*)	12,650 (14,080*)	10,920 (11,640*)	8,540 (8,540*)
-5	non supported		(19,780*)	(16,720)	(13,200)	(10,810)	(9,060)	(7,730)	(6,700)	
	4-pt. supported		19,780* (19,780*)	27,660* (27,660*)	21,650 (22,610*)	17,520 (18,710*)	14,620 (15,610*)	12,470 (12,940*)	10,280* (10,280*)	
-10	non supported		(21,300*)	(16,480)	(12,960)	(10,610)	(8,920)	(7,660)	(6,720)	
	4-pt. supported		21,300* (21,300*)	24,080* (24,080*)	20,050* (20,050*)	16,700* (16,700*)	13,820 (13,820*)	11,140* (11,140*)	8,120* (8,120*)	
-15	non supported			(16,530)	(12,940)	(10,580)	(8,920)			
	4-pt. supported			19,160* (19,160*)	16,410* (16,410*)	13,740* (13,740*)	11,150* (11,150*)			

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 5220 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 only apply when the load is hoisted above the front or rear axle. The weight of the attached hoisting equipment (grab, magnet, load hook) must be deducted from the capacity values. Load holding valves on the lift cylinders and an overload warning device are required for crane operations.

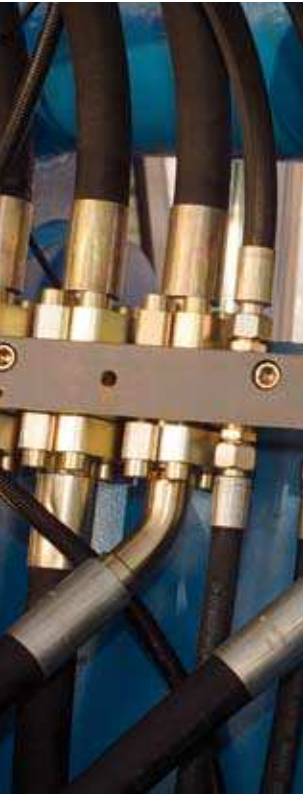
### RECOMMENDED ATTACHMENTS

Loading system 54' (16.5 m)

<b>LIFT HOOKS</b>	20 t
<b>TEREX FUCHS CACTUS GRABS 0.6 m³</b>	Open or half-closed shells
<b>TEREX FUCHS CACTUS GRABS 0.8 m³</b>	Open or half-closed shells
<b>TEREX FUCHS CACTUS GRABS 1.0 m³</b>	Open or half-closed shells
<b>TEREX FUCHS MAGNET PLATE MP 1350</b>	dia. = 1350 mm with magnet system 30 kW
<b>CLAMSHELL GRAB 1.4 m³</b>	Density of bulk material up to 1.600 kg/m³
<b>CLAMSHELL GRAB 2.0 m³</b>	Density of bulk material up to 800 kg/m³

# Material Handler - MHL 360D

## TECHNICAL DATA



### OPERATING WEIGHT

97,003 - 101,413 lbs (44 - 46 t)

### DIESEL ENGINE

MANUFACTURER AND MODEL	Deutz TCD 2013 L06 2V
DESIGN	6 Cylinder Inline
ENGINE CONTROL	EMR III
TYPE	4-stroke diesel engine, direct common-rail fuel-injection, turbocharger with intercooling
ENGINE OUTPUT	249 hp (186 kW)
NOMINAL SPEED	2000 min <sup>-1</sup>
DISPLACEMENT	436 cu in (7.2 L)
COOLING SYSTEM	Liquid intercooling with temperature controlled fan speed
EMISSION STANDARDS	COM III und EPA Tier III
AIR FILTER DESIGN	Two-stage filter with safety valve
FUEL CAPACITY (USABLE)	118.9 US GAL (450 L)

### ELECTRICAL SYSTEM

OPERATING VOLTAGE	24 V
BATTERIES	2 x 12 V / 100 Ah / 760 A (in accordance with EN)
LIGHTING SET	1 dipper-stick-mounted floodlight, 1 head-light mounted to upper carriage, 1 floodlight attached to cabin floor, rear side-marker and turn signal lamps
OPTION	Magnet plate 20 or 30 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/h)
TRAVEL SPEED 2ND GEAR	max. 9.3 mph (15 km/h)
GRADEABILITY	max. 45%
TURNING RADIUS	26' 3" (8.0 m)

### SWING SYSTEM

RING GEAR	Internally toothed ball ring gear (double row)
DRIVE	Three-stage planetary gear with integrated multi-disc brake
UPPER CARRIAGE SWING SPEED	Infinitely variable from 0 - 6 min <sup>-1</sup>
PIVOT BRAKE	Electrically operated

### UNDERCARRIAGE

FRONT AXLE	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle: 30°
REAR AXLE	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock
STABILIZERS	4-point-stabilizers
TIRES	Solid rubber, elastic tires 8-fold 12.00 - 24



### BRAKE SYSTEM

SERVICE BRAKE	Hydraulic single-circuit braking system acting on all four wheel pairs
PARKING BRAKE	Electrically operated disc brake, acting on both front and rear axle

### HYDRAULIC SYSTEM

	LINDE mobile hydraulic system with load limit control and fuel conserving power demand control. Separate oil cooler, temperature controlled fan speed. Hydraulic oil filter integrated in the oil tank; maintenance interval: 3,000 operating hrs. Central lubrication system
MAX. PUMP CAPACITY	169 US gal/min (640 L/min)
MAX. OPERATING PRESSURE	5,221 psi (360 bar)
HYDRAULIC OIL TANK	118.9 US gal (780 L)

### OPERATOR CAB

	Elastically supported, infinitely variable hydraulically height-adjustable with max. eye level of 20' 01" (6.1 m), independent forward motion of 7' 2" (2.20 m), sound-deadened, heat-insulated panoramic windows for optimum all-around view, wind-shield 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 optional. Seat position, seat inclination and seat cushion multi-adjustable in line with position of armrests and pilot control units, allowing fatigue-free operation.
MONITORING	Ergonomic instrument layout, glare-free. Function monitoring; warning and storage of deviating operating conditions, e.g. filter pressure w. warning indicator and shutdown of pilot controls, warning indicator resp. shutdown of pilot controls when exceeding hydraulic oil temperature limits.
AIR CONDITIONING	Automatic
ACOUSTIC POWER LEVEL	(Guaranteed) in accordance with guideline 2000/14 EG

### OFFICIAL HOMOLOGATION

Certification according to CE-regulations



# EQUIPMENT

## MHL 360D

ENGINE	STANDARD	OPTION
Turbocharger	●	
Intercooling	●	
Direct electronic fuel injection/Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Interface for engine diagnosis	●	
Fan drive temperature controlled	●	

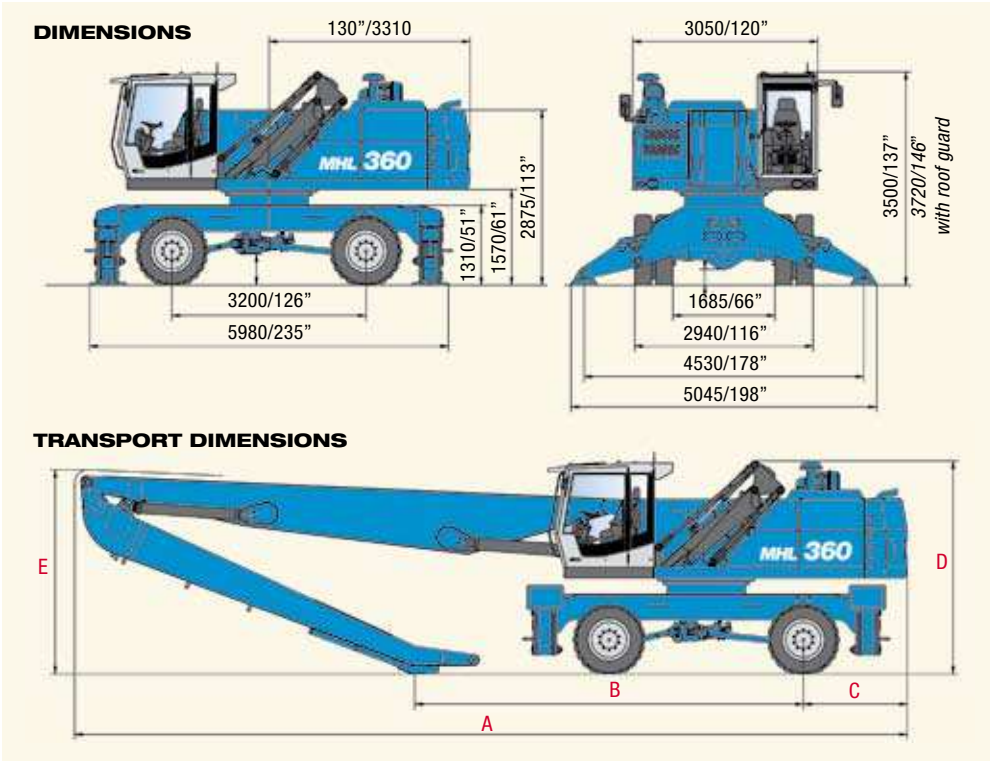
UNDERCARRIAGE	STANDARD	OPTION
2-speed power-shift transmission	●	
4-point-stabilizers	●	
4-point stabilizers individually controllable		●
Stabilizer (outrigger) cylinders with integrated two-way check valves	●	
All-wheel drive	●	
Piston rod protection on stabilizer cylinder	●	
Stabilizer (outrigger) plate 430 x 600	●	
Rear axle oscillating lock	●	
Dozer blade in addition to 4-point stabilizers		●
Special paint		●
Drum brakes	●	
Tool box	●	

SUPERSTRUCTURE	STANDARD	OPTION
Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring, w. mechanical locking device	●	
Lockable cleaning access openings on radiator	●	
Separate radiator system for ambient temperatures up to 50°C	●	
Separate oil cooler w. temperature controlled fan drive	●	
Automatic central lubrication system	●	
Backup alarm	●	
Special paint		●
Quick-drain valve on fuel tank	●	
Quick-drain valve on hydraulic tank	●	
Quick-drain valve on radiator	●	
Quick-drain valve on engine-oil pan	●	

CAB	STANDARD	OPTION
Lift-up skylight in cabin roof	●	
Air cushioned operator's seat with headrest, safety belt and lumbar-support	●	
FOPS-Protective grating		●
Hinged front windshield	●	
Front-windows break-resistant (LEXAN)		●
Cab elevation, 1m, rigid		●
Cab system, adjustable in height and to the front	●	
Air condition	●	
Steering column, height and tilt adjustable	●	
Multi functional display	●	
Bulletproof glass, front and top		●
Fire extinguisher, dry powder		●
Preparation for radio		●
Rotating beacon		●
Sliding window in cab door	●	
Safety glass	●	
Seat heating		●
Engine independent heating		●
Stereo cassette radio		●
Radio and CD Player	●	
Windscreen washer system	●	

EQUIPMENT	STANDARD	OPTION
Floodlight, attached to cab floor	●	
Floodlight, mounted to superstructure	●	
Floodlight, dipper-stick mounted	●	
Hydraulic oil preheating		●
Close proximity range limiter for dipperstick	●	
Coolant and hydraulic oil level monitoring system	●	
Load holding protection for boom cylinder		●
Load holding protection for lift cylinder		●
Dipper stick shock protection	●	
Lubrication of grab suspension by central lubrication system	●	
Overload warning/ shut-off installation		●
XENON-floodlight on dipper stick		●
XENON-floodlight , superstructure		●
XENON-floodlight on cab roof		●
Quick-connect coupling on dipper-stick	●	

Material Handler - MHL 360D



DIMENSIONS	REACH 54' (16.5 m)	REACH 59' (18.0 m)	REACH 59' (18.0 m) (offset boom)
A	540" (13,725 mm)	571" (14,510 mm)	571" (14,510 mm)
B	252" (6,405 mm)	253" (6,440 mm)	234" (5,945 mm)
C	67" (1,715 mm)	67" (1,715 mm)	67" (1,715 mm)
D	137" (3,500 mm)	137" (3,500 mm)	137" (3,500 mm)
E	132" (3,355 mm)	143" (3,640 mm)	144" (3,680 mm)



**Terex Fuchs**

8800 Rostin Road  
Southaven, MS 38671  
USA

TEL 662-393-1800  
SALES 866-837-3923  
FAX 662-393-1700  
WEB [www.terex.com](http://www.terex.com)  
EMAIL [sales@terexca.com](mailto:sales@terexca.com)

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

Effective date: August 15, 2006. For further information, please contact your local distributor or the Terex sales office listed. Product specifications are subject to change without notice or obligation. The photographs and drawings in this brochure 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. Prices and specifications subject to change without notice. The only warranty applicable is the standard written warranty applicable to the particular product and sale. Terex makes no other warranty, expressed 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 and all rights are reserved. "Terex" is a Registered Trademark of Terex Corporation in the USA and many other countries. Copyright ©2007 Terex Corporation

MHL360D 2.5K 0407A Part #127538

Courtesy of Crane.Market