



TEREX® | FUCHS

Loading Machine | Efficient handling in modern scrap recycling

ENGINE
186 kW
249 HP

WEIGHT
44 t - 46 t
97,003 lbs - 101,413 lbs

REACHES
16.5 m (54')
18 m (59')

SCRAP RECYCLING MACHINE
MHL 360



LEADING IN LOADING

**THE NEW AND
LARGE SPECIALIST
IN SCRAP RECYCLING**



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

THE HI



**THE NEW MHL 360 (SERIES D)
IS ENGINEERED TO MEET THE
TOUGH CHALLENGES SET BY
MATERIAL HANDLING**

- ▶ Better performance: Enormous lifting capacities
- ▶ Lower costs: Optimized economic efficiency
- ▶ Fast working cycles for highest performance in scrap handling
- ▶ High traction performance from 186 KW (249 HP) 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 essential engine data
- ▶ Up to date design of machine and functions



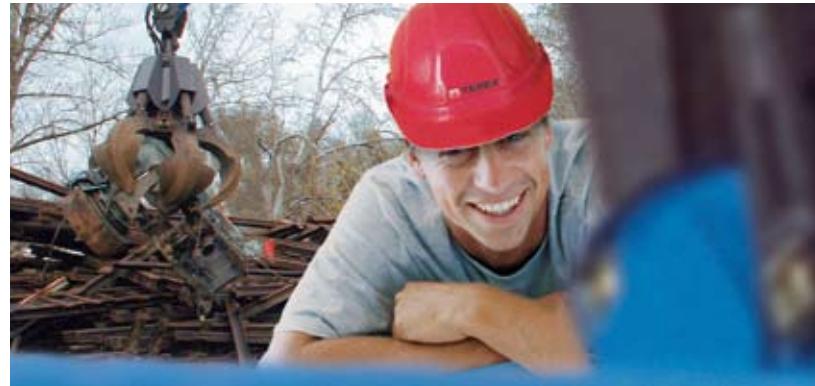
ENORMOUS FORCES - WHEN AND WHERE YOU NEED THEM

GH-PERFORMANCE MACHINE

MACHINE FORTES

AT A GLANCE

- ▶ Optimized TEREX Fuchs technical components ensure high performance and versatility in scrap handling
- ▶ Efficient and up-to-date 186 kW (249 HP) 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





THE BETTER VIEW

WORK AT A HIGHER LEVEL. CONTROL FROM YOUR WRIST

Our new control system is your reliable partner, no matter what the assignment is. Thanks to a high-resolution color display, all relevant equipment data are all the time within view. You maintain constant awareness of essential operating conditions, such as fuel remaining, coolant temperature or hydraulic fluid temperature.

DISPLAY FORTES AT A GLANCE

- ▶ Large, easy to scan color-display
- ▶ Servicing and maintenance made easier via rapid screening of all operationally relevant data
- ▶ Comfortable user-interface with intuitively understandable symbols and simple text messages





CAB FORTES

- ▶ Unobstructed all-round visibility
- ▶ Ergonomically designed operator station
- ▶ Comfortable orthopedically supportive air cushioned seat
- ▶ Air condition, automatically controlled as standard
- ▶ Adjustable steering column

AT A GLANCE



KEEPING OPERATOR FATIGUE TO A MINIMUM

- ▶ Permanent visual contact with equipment and load through unobstructed all-round visibility in cabin capable of hydraulic elevation and forward motion
- ▶ Light and spacious interior
- ▶ Ergonomically designed operator station that adapts to operator needs and not vice versa

COMFORT YOU'D EXPECT AT HOME

Seat comfort provided by an orthopedically contoured air cushioned seat with lumbar support, arm and headrests.

INCREASED TORQUE

IMPROVED FUEL EFFICIENCY

The MHL 360 (series D) is powered by a high-performing 6-cylinder Deutz engine rated at 186 kW (259 HP) @ 2000 RPM.

THE MACHINE THAT'S EASY ON THE EARS

The new MHL 360 (series D) is extremely quiet – sound levels have been lowered by more than 3 db (A). A low-noise pump and the proven, separate cooling-system with the large radiator and low fan speed contribute to the quiet operation of the machine.

POWER MANAGEMENT CONTROL – EFFICIENCY AS STANDARD

The new engine offers top-of-the-line technology. The power management control makes optimum use of the engine's performance in every speed range. The engine thus disposes of an efficient overload protection.

EASY ON THE ENVIRONMENT

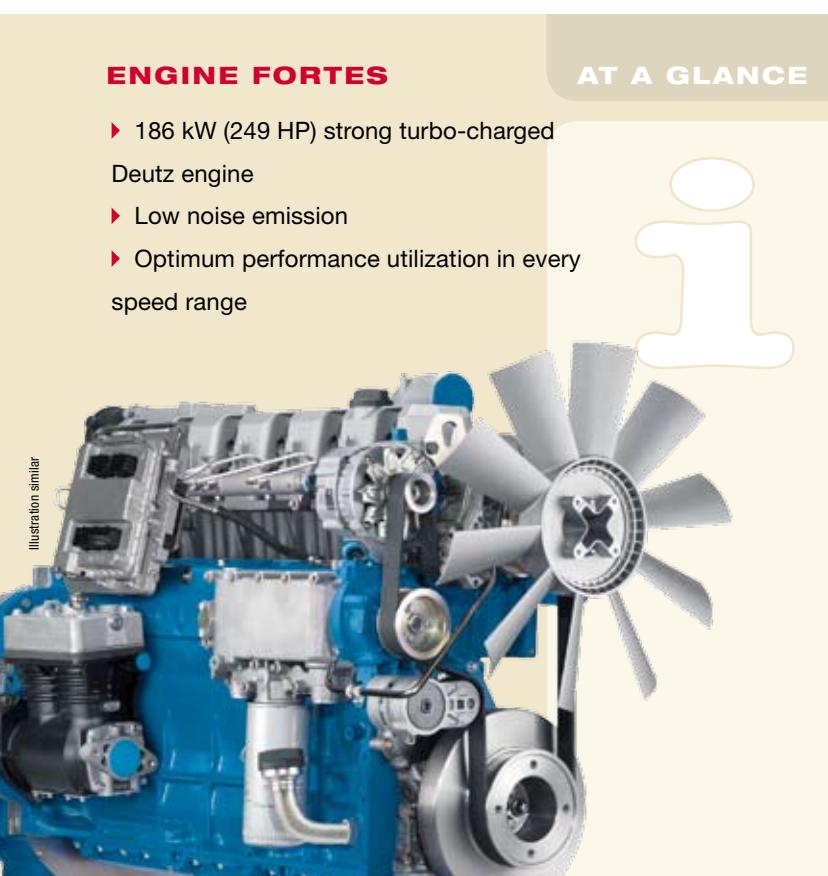
Full compliance with exhaust legislation Tier III (Com III/EPA III).



ENGINE FORTES

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

AT A GLANCE



EVERANCE

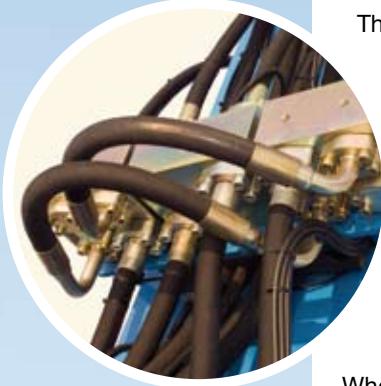
REFRESHING WORK CLIMATE

PROVEN HYDRAULIC SYSTEM

The well-proven hydraulic system by TEREX Fuchs provides highest precision and independent motions.

THE RIGHT AMOUNT OF POWER

Whether you're dealing with rapid power cycles or unwieldy loads – the job on hand is provided hydraulic performance at the exact doses needed. Which makes for excellent fuel efficiency and keeps operating costs down. The system more than satisfies through a harmonic, jolt-free operability.



COOLING SYSTEM FORTES 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

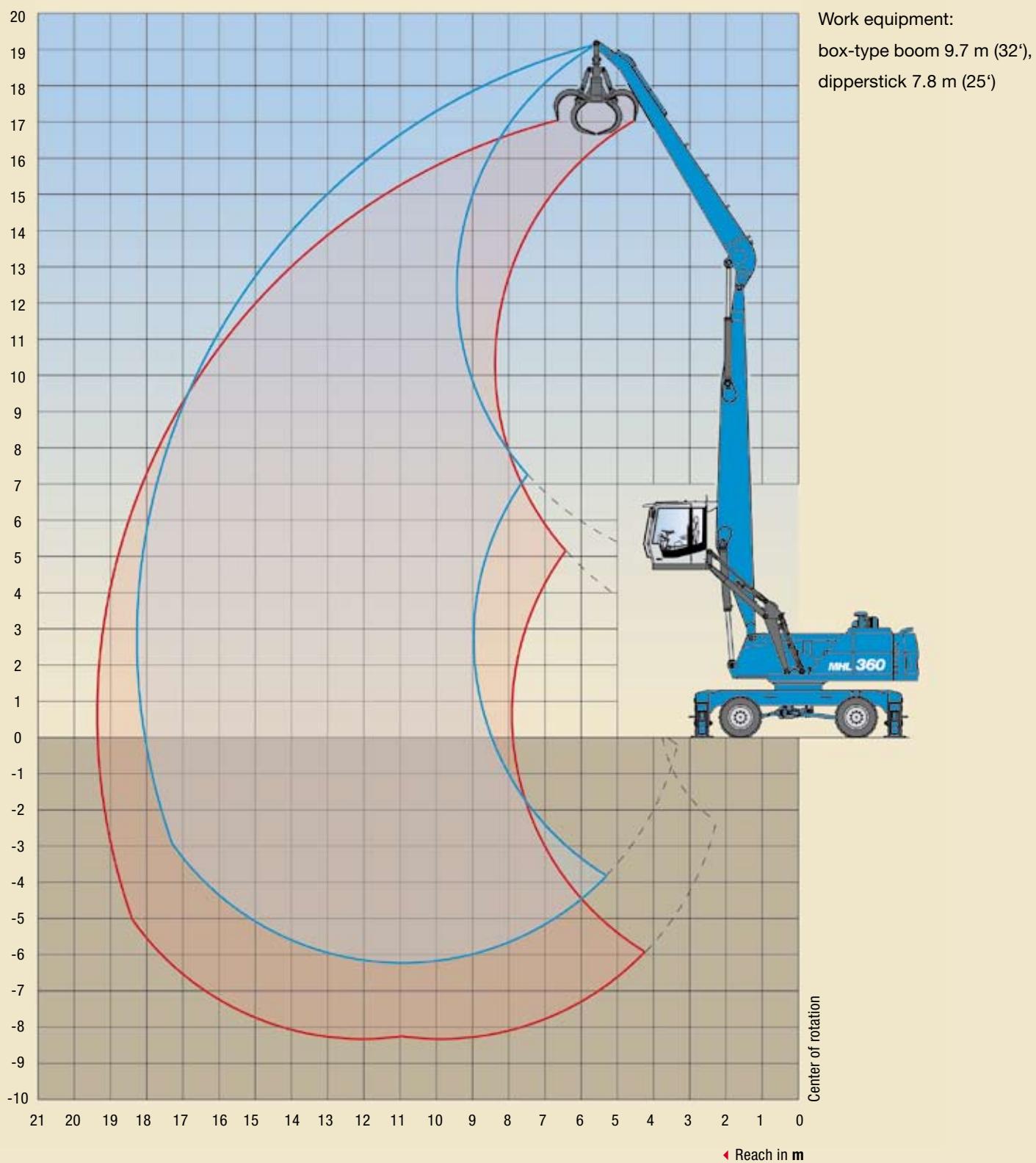
Component parts all defy dirt. The easily accessible maintenance platform substantially facilitates servicing; components are located within easy view and reach. Platform access is via side-mounted maintenance access steps. Radiator, intercooler and oil-cooler are within easy reach from the ground.

The separate cooling system – typical for TEREX Fuchs – maintains ideal temperatures at every point of machine when in operation. Operating temperature is constantly kept at an optimum level.



WORKING DIAGRAM

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



LIFTING CAPACITY

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

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m									
		4.5	6	7.5	9	10.5	12	13.5	15	16.5	18
15	non supported				(8.8*)	(6.8)	(5.3)				
	4-pt. supported				8.8* (8.8*)	7.9* (7.9*)	6.3* (6.3*)				
13.5	non supported					(7.0)	(5.5)	(4.3)			
	4-pt. supported					7.7* (7.7*)	7.0* (7.0*)	5.9* (5.9*)			
12	non supported					(7.0)	(5.5)	(4.4)	(3.5)		
	4-pt. supported					7.7* (7.7*)	6.9* (6.9*)	6.3* (6.3*)	5.1* (5.1*)		
10.5	non supported					(6.9)	(5.4)	(4.4)	(3.5)		
	4-pt. supported					7.7* (7.7*)	6.9* (6.9*)	6.3* (6.3*)	5.4 (5.7*)		
9	non supported				(8.8)	(6.7)	(5.3)	(4.3)	(3.5)	(2.8)	
	4-pt. supported				9.0* (9.0*)	7.9* (7.9*)	7.0* (7.0*)	6.3* (6.3*)	5.4 (5.7*)	4.5 (5.1*)	
7.5	non supported				(8.4)	(6.5)	(5.2)	(4.2)	(3.4)	(2.8)	
	4-pt. supported				9.3* (9.3*)	8.1* (8.1*)	7.2* (7.2*)	6.4* (6.4*)	5.3 (5.7*)	4.5 (5.1*)	
6	non supported			(10.7)	(8.0)	(6.2)	(4.9)	(4.0)	(3.3)	(2.7)	
	4-pt. supported			11.8* (11.8*)	9.8* (9.8*)	8.4* (8.4*)	7.3* (7.3*)	6.2 (6.5*)	5.2 (5.7*)	4.4 (5.1*)	
4.5	non supported	(17.0)	(13.7)	(9.8)	(7.4)	(5.8)	(4.7)	(3.9)	(3.2)	(2.7)	(2.2)
	4-pt. supported	22.0* (22.0*)	16.5* (16.5*)	12.6* (12.6*)	10.3* (10.3*)	8.6* (8.6*)	7.3 (7.4*)	6.0 (6.5*)	5.1 (5.7*)	4.4 (5.0*)	3.7 (4.2*)
3	non supported		(12.0)	(8.8)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.6)	(2.2)
	4-pt. supported		17.8 (17.8*)	13.3* (13.3*)	10.6* (10.6*)	8.6 (8.8*)	7.0 (7.5*)	5.9 (6.5*)	5.0 (5.7*)	4.3 (4.9*)	3.7 (4.0*)
1.5	non supported		(9.1*)	(8.0)	(6.3)	(5.1)	(4.2)	(3.5)	(3.0)	(2.5)	(2.2)
	4-pt. supported		9.1* (9.1*)	13.2 (13.5*)	10.2 (10.7*)	8.2 (8.8*)	6.7 (7.5*)	5.7 (6.4*)	4.8 (5.5*)	4.2 (4.7*)	3.7* (3.7*)
0	non supported		(6.9*)	(7.4)	(5.9)	(4.8)	(4.0)	(3.3)	(2.9)	(2.5)	(2.1)
	4-pt. supported		6.9* (6.9*)	12.6 (13.1*)	9.7 (10.5*)	7.9 (8.7*)	6.5 (7.3*)	5.5 (6.2*)	4.7 (5.3*)	4.1 (4.4*)	3.3* (3.3*)
-1.5	non supported		(6.9*)	(7.1)	(5.6)	(4.6)	(3.8)	(3.2)	(2.8)	(2.4)	
	4-pt. supported		6.9* (6.9*)	12.1* (12.1*)	9.4 (9.9*)	7.6 (8.2*)	6.4 (6.9*)	5.4 (5.8*)	4.7 (4.9*)	3.9* (3.9*)	
-3	non supported		(7.5*)	(6.9)	(5.4)	(4.4)	(3.7)	(3.2)	(2.7)	(2.4)	
	4-pt. supported		7.5* (7.5*)	10.7* (10.7*)	8.9* (8.9*)	7.5* (7.5*)	6.2* (6.2*)	5.3* (5.3*)	4.3* (4.3*)	3.2* (3.2*)	
-4.5	non supported			(6.9)	(5.4)	(4.4)	(3.7)	(3.1)	(2.7)		
	4-pt. supported			8.8* (8.8*)	7.6* (7.6*)	6.4* (6.4*)	5.4* (5.4*)	4.4* (4.4*)	3.4* (3.4*)		
-6	non supported					(4.4)	(3.7)				
	4-pt. supported					5.0* (5.0*)	4.1* (4.1*)				

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 360 bar (5220 psi). 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. If the TEREX Fuchs quick-change system is mounted on the boom, capacity is reduced by 600 kg (1322 lbs). In accordance with EC guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

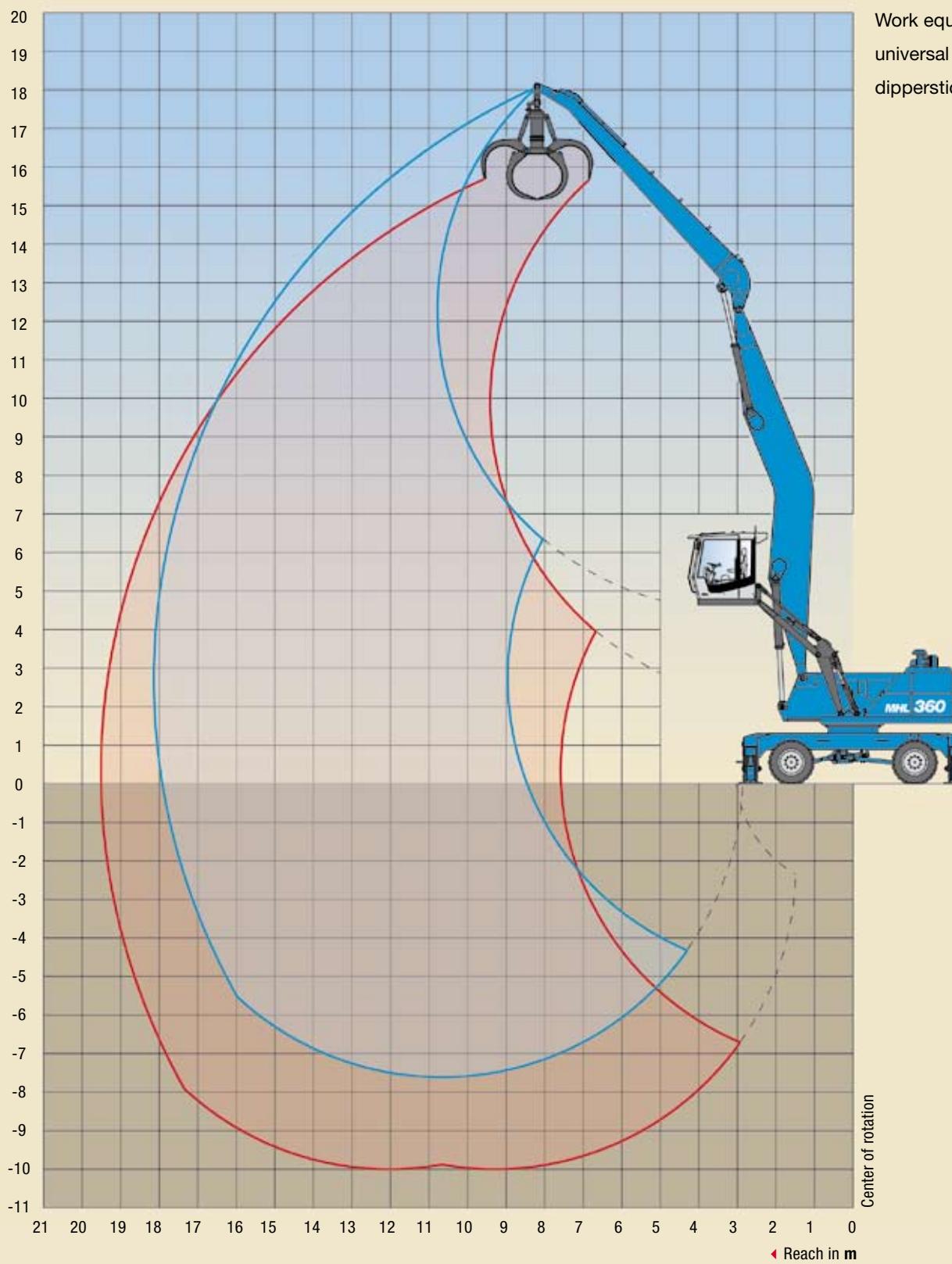
RECOMMENDED ATTACHMENTS

Loading system 18 m

LIFT HOOKS	20 t
TEREX Fuchs CACTUS GRABS 0.6 m ³	Open or half-closed shells
TEREX Fuchs CACTUS GRABS 0.8 m ³	Open or half-closed shells
TEREX Fuchs MAGNET PLATE MP 1350	dia. = 1360 mm with magnet system 30 kW
CLAMSHELL GRAB 1.4 m ³	Density of bulk material up to 1.600 kg/m ³ type HZG28-S
CLAMSHELL GRAB 2.0 m ³	Density of bulk material up to 800 kg/m ³ type HZG28-S

WORKING DIAGRAM

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



LIFTING CAPACITY

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

HEIGHT m	UNDERCARRIAGE STABILIZERS	REACHES m								
		4.5	6	7.5	9	10.5	12	13.5	15	16.5
15	non supported					(6.5*)	(5.3)			
	4-pt. supported					6.5* (6.5*)	5.5* (5.5*)			
13.5	non supported						(5.4)	(4.2)		
	4-pt. supported						5.9* (5.9*)	5.2* (5.2*)		
12	non supported						(5.5)	(4.3)	(3.4)	
	4-pt. supported						5.8* (5.8*)	5.4* (5.4*)	4.4* (4.4*)	
10.5	non supported						(5.4)	(4.3)	(3.4)	
	4-pt. supported						5.9* (5.9*)	5.4* (5.4*)	5.0* (5.0*)	
9	non supported					(6.6*)	(5.3)	(4.2)	(3.4)	(2.7)
	4-pt. supported					6.6* (6.6*)	6.0* (6.0*)	5.5* (5.5*)	5.1* (5.1*)	4.4* (4.4*)
7.5	non supported					(6.5)	(5.1)	(4.1)	(3.3)	(2.7)
	4-pt. supported					6.8* (6.8*)	6.1* (6.1*)	5.6* (5.6*)	5.1* (5.1*)	4.4 (4.7*)
6	non supported				(7.9)	(6.1)	(4.9)	(3.9)	(3.2)	(2.7)
	4-pt. supported				8.3* (8.3*)	7.2* (7.2*)	6.4* (6.4*)	5.7* (5.7*)	5.1* (5.1*)	4.3 (4.7*)
4.5	non supported	(17.0)	(13.7)	(9.7)	(7.3)	(5.7)	(4.6)	(3.8)	(3.1)	(2.6)
	4-pt. supported	20.0* (20.0*)	14.0* (14.0*)	10.8* (10.8*)	8.9* (8.9*)	7.6* (7.6*)	6.6* (6.6*)	5.9* (5.9*)	5.0 (5.2*)	4.3 (4.7*)
3	non supported		(11.8)	(8.7)	(6.7)	(5.3)	(4.3)	(3.6)	(3.0)	(2.5)
	4-pt. supported		15.7 (15.7*)	11.7* (11.7*)	9.4* (9.4*)	7.9* (7.9*)	6.8* (6.8*)	5.8 (6.0*)	4.9 (5.3*)	4.2 (4.7*)
1.5	non supported		(10.4*)	(7.8)	(6.1)	(4.9)	(4.1)	(3.4)	(2.8)	(2.4)
	4-pt. supported		10.6* (10.6*)	12.4 (12.4*)	9.8* (9.8*)	8.0* (8.0*)	6.6 (6.9*)	5.6 (6.0*)	4.7 (5.3*)	4.1 (4.7*)
0	non supported		(7.8*)	(7.2)	(5.7)	(4.6)	(3.8)	(3.2)	(2.7)	(2.3)
	4-pt. supported		7.8* (7.8*)	12.3 (12.6*)	9.6 (10.0*)	7.7 (8.2*)	6.4 (7.0*)	5.4 (6.0*)	4.6 (5.2*)	4.0 (4.5*)
-1.5	non supported		(7.6*)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.7)	(2.3)
	4-pt. supported		7.6* (7.6*)	11.9* (12.3*)	9.2 (9.9*)	7.5 (8.1*)	6.2 (6.9*)	5.3 (5.9*)	4.5 (5.1*)	4.0 (4.3*)
-3	non supported		(7.9*)	(6.6)	(5.2)	(4.2)	(3.6)	(3.0)	(2.6)	(2.3)
	4-pt. supported		7.9* (7.9*)	11.6* (11.6*)	9.0 (9.4*)	7.3 (7.8*)	6.1 (6.6*)	5.2 (5.6*)	4.5 (4.7*)	3.9* (3.9*)
-4.5	non supported		(8.6*)	(6.6)	(5.1)	(4.2)	(3.5)	(3.0)	(2.6)	
	4-pt. supported		8.6* (8.6*)	10.4* (10.4*)	8.6* (8.6*)	7.2* (7.2*)	6.0* (6.0*)	5.1* (5.1*)	4.2* (4.2*)	
-6	non supported		(9.3*)	(6.7)	(5.2)	(4.2)	(3.5)	(3.0)	(2.7)	
	4-pt. supported		9.3* (9.3*)	8.9* (8.9*)	7.5* (7.5*)	6.3* (6.3*)	5.3* (5.3*)	4.4* (4.4*)	3.3* (3.3*)	

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 360 bar (5220 psi). 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. If the TEREX Fuchs quick-change system is mounted on the boom, capacity is reduced by 600 kg (1322 lbs). In accordance with EC guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

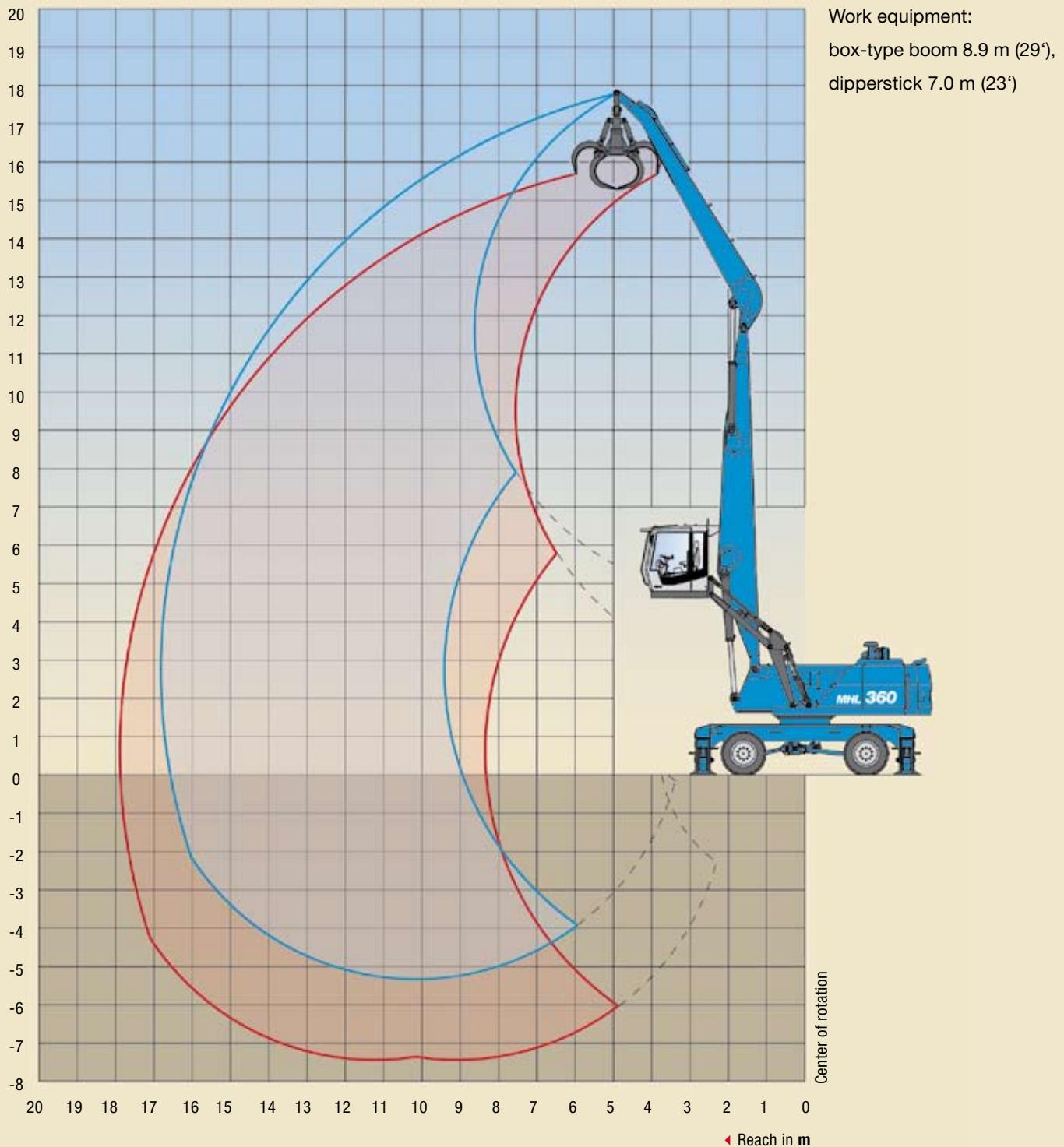
RECOMMENDED ATTACHMENTS

Loading system 18 m - Offset boom

LIFT HOOKS	20 t
TEREX Fuchs CACTUS GRABS 0.6 m³	Open or half-closed shells
TEREX Fuchs CACTUS GRABS 0.8 m³	Open or half-closed shells
TEREX Fuchs MAGNET PLATE MP 1250	dia. = 1260 mm with magnet system 20 kW
CLAMSHELL GRAB 1.4 m³	Density of bulk material up to 1.600 kg/m ³ type HZG28-S
CLAMSHELL GRAB 2.0 m³	Density of bulk material up to 800 kg/m ³ type HZG28-S

WORKING DIAGRAM

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



LIFTING CAPACITY

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

HÖHE m	UNDERCARRIAGE STABILIZERS	REACHES m							
		4.5	6	7.5	9	10.5	12	13.5	15
15	non supported				(8.4*)	(5.8*)			
	4-pt. supported				8.4* (8.4*)	5.8* (5.8*)			
13.5	non supported				(8.7)	(6.7)	(5.2)		
	4-pt. supported				9.3* (9.3*)	8.3* (8.3*)	5.8* (5.8*)		
12	non supported				(8.8)	(6.8)	(5.3)	(4.2)	
	4-pt. supported				9.2* (9.2*)	8.2* (8.2*)	7.5* (7.5*)	5.0* (5.0*)	
10.5	non supported				(8.8)	(6.8)	(5.3)	(4.3)	
	4-pt. supported				9.2* (9.2*)	8.2* (8.2*)	7.4* (7.4*)	6.5 (6.7*)	
9	non supported				(8.6)	(6.7)	(5.3)	(4.3)	(3.4)
	4-pt. supported				9.4* (9.4*)	8.3* (8.3*)	7.5* (7.5*)	6.4 (6.7*)	5.3 (5.6*)
7.5	non supported			(11.2*)	(8.4)	(6.5)	(5.2)	(4.2)	(3.4)
	4-pt. supported			11.2* (11.2*)	9.7* (9.7*)	8.5* (8.5*)	7.6* (7.6*)	6.4 (6.8*)	5.3 (6.0*)
6	non supported		(14.8*)	(10.6)	(8.0)	(6.2)	(5.0)	(4.1)	(3.4)
	4-pt. supported		14.8* (14.8*)	12.2* (12.2*)	10.2* (10.2*)	8.8* (8.8*)	7.6 (7.7*)	6.3 (6.8*)	5.2 (6.0*)
4.5	non supported	(17.0)	(13.8)	(9.9)	(7.5)	(5.9)	(4.8)	(3.9)	(3.3)
	4-pt. supported	24.0* (24.0*)	17.0* (17.0*)	13.1* (13.1*)	10.7* (10.7*)	9.0* (9.0*)	7.4 (7.8*)	6.1 (6.8*)	5.2 (6.0*)
3	non supported		(12.3)	(9.0)	(7.0)	(5.6)	(4.6)	(3.8)	(3.2)
	4-pt. supported		18.4* (18.4*)	13.8* (13.8*)	10.9* (10.9*)	8.7 (9.2*)	7.1 (7.9*)	6.0 (6.8*)	5.1 (5.8*)
1.5	non supported		(11.1*)	(8.3)	(6.5)	(5.3)	(4.4)	(3.7)	(3.1)
	4-pt. supported		12.2* (12.2*)	13.6 (14.0*)	10.4* (11.2*)	8.4 (9.2*)	6.9 (7.8*)	5.8 (6.7*)	5.0 (5.6*)
0	non supported		(9.1*)	(7.8)	(6.2)	(5.0)	(4.2)	(3.5)	(3.0)
	4-pt. supported		9.1* (9.1*)	13.0 (13.6*)	10.0 (10.9*)	8.1 (9.0*)	6.7 (7.5*)	5.7 (6.4*)	4.9 (5.2*)
-1.5	non supported		(8.9*)	(7.5)	(6.0)	(4.9)	(4.1)	(3.5)	(3.0)
	4-pt. supported		8.9* (8.9*)	12.6* (12.6*)	9.8 (10.2*)	7.9 (8.5*)	6.6 (7.0*)	5.6 (5.8*)	4.6* (4.6*)
-3	non supported		(9.6*)	(7.4)	(5.8)	(4.8)	(4.0)	(3.4)	(3.0)
	4-pt. supported		9.6* (9.6*)	10.9* (10.9*)	9.1* (9.1*)	7.5* (7.5*)	6.2* (6.2*)	5.0* (5.0*)	3.6* (3.6*)
-4.5	non supported			(7.5)	(5.8)	(4.8)	(4.0)		
	4-pt. supported			8.7* (8.7*)	7.4* (7.4*)	6.2* (6.2*)	5.0* (5.0*)		

Capacity values are stated in metric tons (t) or lbs. The pump pressure is 360 bar (5220 psi). 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. If the TEREX Fuchs quick-change system is mounted on the boom, capacity is reduced by 600 kg (1322 lbs). In accordance with EC guidelines, hose-rupture safety valves on the lift cylinders and an overload warning device are required for crane operations.

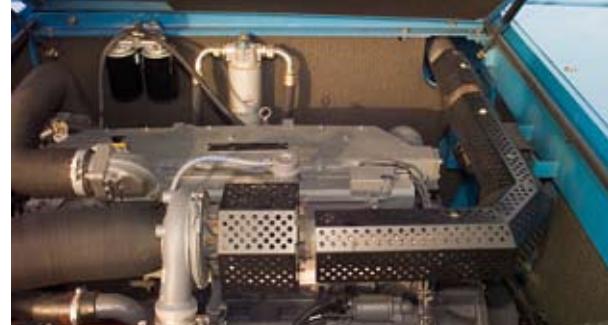
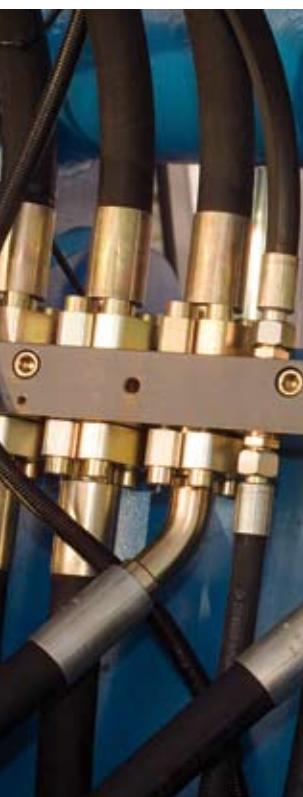
RECOMMENDED ATTACHMENTS

Loading system 16.5 m

LIFT HOOKS	20 t
TEREX Fuchs CACTUS GRABS 0.6 m ³	Open or half-closed shells
TEREX Fuchs CACTUS GRABS 0.8 m ³	Open or half-closed shells
TEREX Fuchs CACTUS GRABS 1.0 m ³	Open or half-closed shells
TEREX Fuchs MAGNET PLATE MP 1350	dia. = 1360 mm with magnet system 30 kW
CLAMSHELL GRAB 1.4 m ³	Density of bulk material up to 1.600 kg/m ³ type HZG28-S
CLAMSHELL GRAB 2.0 m ³	Density of bulk material up to 800 kg/m ³ type HZG28-S

TECHNICAL DATA

MHL 360 (SERIES D)



OPERATING WEIGHT	
44 t - 46 t (97,003 lbs - 101,413 lbs)	
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	186 kW (249 HP)
NOMINAL SPEED	2000 min ⁻¹
DISPLACEMENT	7.2 l (436 cu in)
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)	450 l (118.9 US GAL)
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 headlight 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. 5 km/h (3.1 mph)
TRAVEL SPEED 2ND GEAR	max. 15 km/h (9.3 mph)
GRADEABILITY	max. 45%
TURNING RADIUS	8.0 m (26'3")
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 ⁻¹
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	640 l/min (169 US GAL/min)
MAX. OPERATING PRESSURE	360 bar (5221 psi)
HYDRAULIC OIL TANK	780 l (118.9 US GAL)
OPERATOR CAB	
	Elastically supported, infinitely variable hydraulically height-adjustable with max. eye level of 6.1m/20'01", independent forward motion of 2.20 m/7'2", 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 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 CONDITION	Automatic
ACOUSTIC POWER LEVEL	(Guaranteed) in accordance with guideline 2000/14 EG
SAFETY INSTALLATIONS	
	For crane operations in accordance with EN 474-5.
	Cab protection by close proximity range limiter
OFFICIAL HOMOLOGATION	
	Certification according to CE-regulations

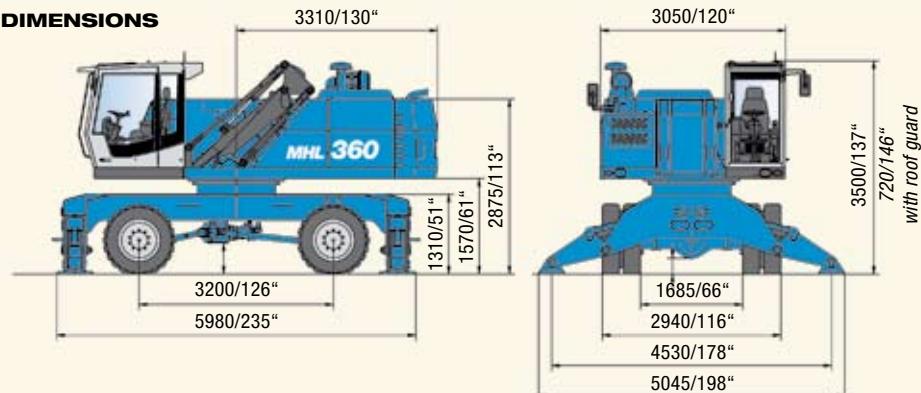
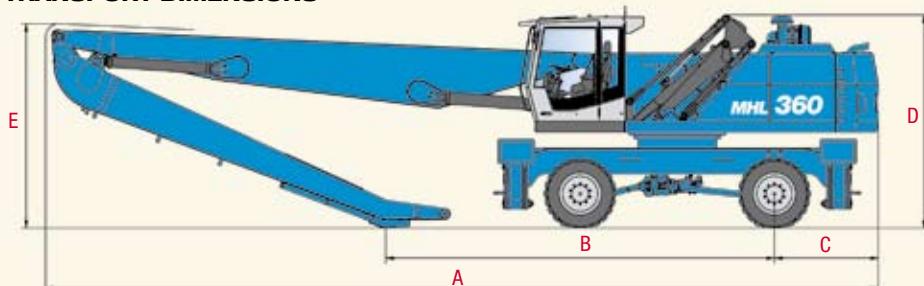
EQUIPMENT

MHL 360 (SERIES D)

ENGINE	SERIES	OPTION	CAB	SERIES	OPTION
Turbocharger	●		Lift-up skylight in cabin roof	●	
Intercooling	●		Air cushioned operator's seat with headrest, safety belt and lumbar-support	●	
Direct electronic fuel injection/Common Rail	●		FOPS-Protective grating		●
Automatic idle	●		Hinged front windshield	●	
Engine pre-heating		●	Front-windows break-resistant (LEXAN)		●
Interface for engine diagnosis	●		Cab elevation, 1m, rigid		●
Fan drive temperature controlled	●		Cab system, adjustable in height and to the front	●	
UNDERCARRIAGE	SERIES	OPTION	Air condition	●	
2-speed power-shift transmission	●		Steering column, height and tilt adjustable	●	
4-point-stabilizers	●		Multi functional display	●	
4-point stabilizers individually controllable		●	Bulletproof glass, front and top		●
Stabilizer (outrigger) cylinders with integrated two-way check valves	●		Fire extinguisher, dry powder		●
All-wheel drive	●		Preparation for radio		●
Piston rod protection on stabilizer cylinder	●		Rotating beacon		●
Stabilizer (outrigger) plate 430 x 600	●		Sliding window in cab door	●	
Rear axle oscillating lock	●		Safety glass	●	
Dozer blade in addition to 4-point stabilizers		●	Seat heating		●
Special paint		●	Engine independent heating		●
Drum brakes	●		Stereo cassette radio		●
Tool box	●		Radio and CD Player		●
SUPERSTRUCTURE	SERIES	OPTION	Windscreen washer system	●	
Electrical refueling pump		●	EQUIPMENT	SERIES	OPTION
Lighting protection		●	Floodlight, attached to cab floor	●	
Maintenance hood, actuated by gas spring, w. mechanical locking device	●		Floodlight, mounted to superstructure	●	
Lockable cleaning access openings on radiator	●		Floodlight, dipper-stick mounted	●	
Separate radiator system for ambient temperatures up to 50°C	●		Hydraulic oil preheating		●
Separate oil cooler w. temperature controlled fan drive	●		Close proximity range limiter for dipperstick	●	
Automatic central lubrication system	●		Coolant and hydraulic oil level monitoring system	●	
Backup alarm		●	Pipe break protection for lift/boom cylinder		●
Special paint		●	Break protection for lift cylinder		●
Quick-drain valve on fuel tank	●		Dipper stick shock protection	●	
Quick-drain valve on hydraulic tank	●		Lubrication of grab suspension by central lubrication system	●	
Quick-drain valve on radiator	●		Overload warning/ shut-off installation		●
Quick-drain valve on engine-oil pan	●		XENON-floodlight on dipper stick		●

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DIMENSIONS

TRANSPORT DIMENSIONS


MASSE	REACH 16.5 m (54°)	REACH 18.0 m (59°)	REACH 18.0 m (59°) (banana boom)
A	13,725 mm (540")	14,510 mm (571")	14,520 mm (571")
B	6,405 mm (252")	6,440 mm (253")	5,945 mm (234")
C	1,715 mm (67")	1,715 mm (67")	1,715 mm (67")
D	3,500 mm (137")	3,500 mm (137")	3,500 mm (137")
E	3,355 mm (132")	3,640 mm (143")	3,680 mm (144")

DISTRIBUTOR
