

TECHNICAL DATA

MATERIAL HANDLER | F-SERIES AND F HD-SERIES

MHL360



190 kW



43.5–50.2t



up to **18.0 m**



FUCHS[®]

A TEREX BRAND

THE NEW F-SERIES. THE FUTURE OF MATERIAL HANDLING IS NOW.

Brand new design meets brand new features.

Even more power. Even less consumption. The new MHL360 F Material Handler sets standards in modern technology with more sophisticated hydraulics, efficient energy recovery, and an exceptionally comfortable driver's cabin.

Through a combination of power and low emissions, as well as the powerful yet sensitive hydraulics, demanding loading tasks can be completed efficiently. The MHL360 F Material Handler represents the new generation of Fuchs loading machines.

The new design with classic Fuchs-style elements combined with the latest technologies embodies the symbiosis of tradition, quality, and innovative spirit. The further refined steel construction enables greater flexibility when choosing cabin lifting systems. More than ever the MHL360 F Material Handler is the symbol for economy and robustness for deployment in scrap yards and in port areas.



Sensitive hydraulic and application-oriented kinematics concept for efficient power management

Power is important. What is even more important, is using that power efficiently and purposefully. This is where the interplay between the MHL360 F Material Handler's engine and hydraulics impresses with striking performance data, as well as speed, precision, and fuel efficiency. The dual-circuit

hydraulic system holds the reserves necessary for achieving quick work cycles, even under heavy loads. The load-independent work movements can be performed jolt-free with the clever kinematics concept, just as extremely gentle yet highly precise maneuvers can be executed.



High performance with minimal consumption, extreme loading capacity, high speed.

These properties distinguish the Fuchs MHL360 F Material Handler. When developing the new generation, we placed special attention on driving and driver enjoyment. In particular, the overhauled hydraulics concept by every day operations offers more speed and efficiency. The driver controls this powerhouse securely and precisely in the comfort cab, which provides a pleasant and ergonomic working environment.

Standard rupture valves

- On the lifting and stick cylinders
- With regeneration for fuel-saving work

Driver's cab

- Hydraulically adjustable
- Viewing height: max. 6.1 m
- Horizontally adjustable max. 2.2m
- Soundproof and heat-insulated large windows provide excellent visibility

CONVENIENCE IN THE CABIN, POWER UNDER THE HOOD.

Adjustable cabin provides flexibility and safety.

Air conditioning

- Climate control condenser separated from the main cooling system
- Dust-protected
- Independent of engine speed
- Highly efficient

Engine

- 190 kW for more agility
- Most efficient consumption in its class
- 99% less diesel particles
- Three new work modes: Eco Plus / Eco / Power

Fuchs Service Platform

- Unique in its business
- Safe and comfortable access to engine, filters, etc.

High Performance Cooling System

- Physically separated
- Huge coolers and direct airflow for outstanding cooling capacity



EQUIPMENT AND OPTIONS.

Bespoke Technology, Tailored For You.



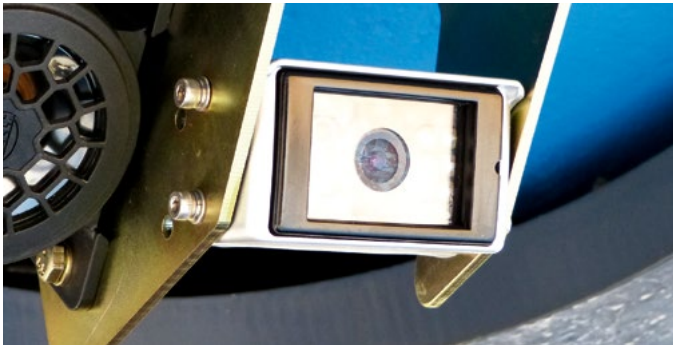
7" Multi-Function Touch Display

- Easy and intuitive operation
- Full monitoring of the machine data



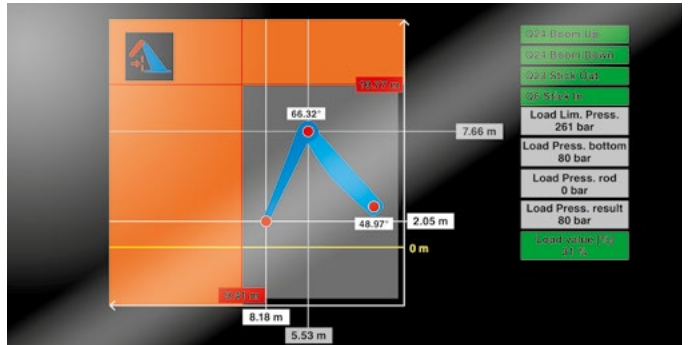
Float Switch*

- Lifts the boom automatically if too much pressure is applied
- Protects sensitive surfaces like the floor of barges



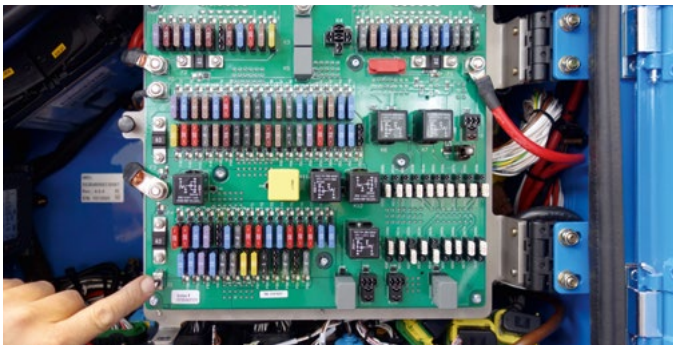
Rear and Side View Cameras

- Nightvision as an extra safety feature
- 360° surround view system on demand



Overload Warning with Height and Reach Limiter*

- Easy set-up via the touch display
- Enhanced control for heavy loads



CAN BUS and Rapid Fuse Tester

- State of the art technology
- Clever fuse tester as a little helper – just in case



Tracked Undercarriage*

- Even more stability
- Less ground pressure
- Flat shoes or triple grousers

* special equipment on demand

THE NEW FUCHS CABIN.

Handling of rough materials made easy and comfortable.

The design motif of the Fox Cab is the mammal from which it takes its name. The silhouette of the fox's head is reflected subtly in the stylistic idioms. This design produces an unmistakable branding effect. The aim is not only brand recognition, but also to make a connection with the machine operator: repeating, familiar elements elevate the emotional bond to the product. The Fox Cab

has been specially designed for loading machines and did not have to be subjected to any compromises as a result. This provides the user with great benefits in terms of ergonomics.



Multi-function Touch Monitor

- Central operating terminal for all functions
- Large, easily legible display
- Ergonomically positioned at ideal height and distance

Downward-facing Windshield

- Improved visibility for use as a handling machine
- Additional shading from solar radiation
- Shielding effect also provides excellent visibility in the rain

Spacious Refrigeration Compartment

- In characteristic fox-head shape
- Provides space for drinks, snacks, and medicines

Skylight

- Shape and size provide best-possible visibility in terms of usage conditions of a handling machine
- Allows as little sunlight as possible into the cab

Unique Sliding Door

- Highly convenient access through above average-sized entry hatch.

Perfect Space Utilization

- Spacious storage options and deep stowage compartments
- Thoughtful smartphone holder with charger
- Simple cleaning due to avoidance of brackets and tight corners

TECHNICAL DATA

OPERATING WEIGHT

MHL360 F	43.5–48.8 t
MHL360 F HD	44.9–50.2 t

ENGINES

	EPA Tier 4 final / EU Stage IV	EPA Tier III / COM III
Manufacturer & model	Deutz TCD 7.8 L6 4V	Deutz TCD 2013 L06 2V
Type	6-cylinder inline	6-cylinder inline
Engine control	EMR IV	EMR III
Engine operation	4-stroke diesel, common rail direct injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration and SCR-cat	4-stroke diesel engine, direct common rail fuel-injection, turbocharger with intercooling
Power	190 kW	186 kW
Nominal speed	2000 min ⁻¹	2000 min ⁻¹
Displacement	7.8 l	7.2 l
Cooling system	Combi-cooler (coolant/charge air) with fan speed control system; optional reversing function	Combi-cooler (coolant/charge air) with fan speed control system; optional reversing function
Exhaust emission standard	Stage IV / EPA Tier 4 final	EPA Tier III / COM III
Air filtration	Two-stage filter with safety cartridge and pre-separator with discharge valve	Two-stage filter with safety valve
Fuel tank	580 l Diesel	580 l Diesel
DEF / Urea tank	50 l Ad Blue	—

ELECTRICAL SYSTEM

Alternator	28 V / 100 A
Voltage	24 V
Batteries	2 × 12 V / 110 Ah / 750 A
Lights	2 × H3 headlamps, turn indicators and tail lights
Optional	20 kW or 30 kW DC generator with controls and insulation monitoring, driven by V-belt direct from diesel engine

TRANSMISSION

Hydrostatic travel drive via infinitely variable axial piston motor with directly mounted travel brake valve, two-speed manual gearshift, 4-wheel drive

Travel speed 1st gear	max. 5 kph
Travel speed 2nd gear	max. 15 kph
Gradeability	max. 30 %
Turning radius	8.0 m

SWING DRIVE

Swing gear	Internally geared, double-row ball turning ring
Drive	3-stage planetary gear with integrated multi-disc brake
Uppercarriage swing speed	Infinitely variable from 0–6 rpm
Swing brake	Electrically operated
Max. swing torque	91 kNm

UNDERCARRIAGES

	MHL360 F	MHL360 F HD
Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°
Rear axle	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock
Stabilization	4-point stabilizers	4-point stabilizers
Tires	Solid rubber, 8-ply 12.00-24	Solid rubber tires, 8-ply 12.00-24 Solid rubber tires, 4-ply 16.00-25

BRAKE SYSTEM

Service brake	Hydraulic single-circuit braking system, acting on all wheels
Parking brake	Electrically operated disc brake on transmission, acting on both front and rear axles

HYDRAULIC SYSTEM

Pump delivery rate	2 × 280 lpm & 1 × 140 lpm (for swing operation)
Operating pressure	320 / 360 bar
Cooling system	Separated cooler with fan speed control system; optional reversing function
Hydraulic oil tank	653 l usable tank capacity
Hydraulic oil filter	Integral return filter in oil tank for work hydraulics, with 3000 operating hrs service interval; oil filtration on closed swing circuit

OPERATOR'S CAB

Cab	Infinitely variable hydraulically elevatable with max. eye level of 6.10 m (option: independent forward movement of up to 2.20 m). Joystick steering; sliding door Sound-deadened; heat-insulated windows; windshield with pull-down sunblind that slides under the cab roof; viewing window on cab roof; sliding window in cab door, sliding door
Air-conditioning	Automatic air-conditioning. Infinitely variable heating with 8-speed fan, 10 adjustable air nozzles, 3 defroster nozzles (hot water system)
Operator's seat	Air-cushioned comfort-seat with integrated headrest, safety belt and lumbar support, seat heating with integrated A/C function optional. Comfortable operation with multi-purpose adjustment options for seat position, seat inclination, seat cushion placement in relation to armrests and pilot control units. Articulating armrest and joysticks
Monitoring	Ergonomic layout; anti-glare instrumentation. Multifunction display, automatic monitoring and recording of abnormal operating conditions (including all hydraulic oil filters, hydraulic oil temperature (cold/hot) – coolant temperature and charge air temperature – diesel particulate filter load), visual and audible warning indication with shutdown of pilot controls/engine power reduction. Diagnosis of individual sensors possible via the multifunction display. Rear view camera and side view camera
Sound levels	Sound power level (ambience) L _{WA} 101.5 dB(A) (metered) acc. to directive 2000/14/EG L _{WA} 104 dB(A) (guaranteed) acc. to directive 2000/14/EG Sound pressure level (inside the cabin) acc. to directive ISO 6396 L _{PA} 70 dB(A)

OFFICIAL HOMOLOGATION

Certified in accordance with CE regulations



ENGINE

	Standard	Option
Exhaust gas turbocharger	●	
Charge air cooling	●	
Direct electronic fuel injection/common rail	●	
Automatic idle	●	
Engine preheating		●
Engine diagnostics interface	●	
System-controlled fan drive with fan speed monitoring	●	

UNDERCARRIAGE

All-wheel drive with differential	●	
Drum brakes	●	
Rear axle oscillating lock	●	
2-speed powershift transmission	●	
4-point stabilizers	●	
Stabilizer cylinders with integrated two-way check valves	●	
Piston rod protection on stabilizer cylinders	●	
Stabilizer plates 510 x 665 mm	●	
4-point stabilizers, individually controllable		●
Tool box	●	
Special paint (customer paint work)		●

UPPERCARRIAGE

Separate cooling systems (combi-cooler for engine and hydraulic oil cooler)	●	
Cooling system fan speeds controlled by operating parameters	●	
Fan drive reversing function		●
Maintenance hood with mechanical locking device	●	
Lockable cleaning access openings on radiators	●	
Automatic central lubrication system	●	
Rear view camera	●	
Side view camera	●	
Travel alarm		●
Electric refuelling pump		●
Lighting protection		●
Special paint (customer paint work)		●
Cyclone prefilter		●

CAB

	Standard	Option
Hydraulically adjustable cab	●	
Cab system horizontally and vertically adjustable		●
3-layer glass with protection film	●	
Sliding window in cab door	●	
Glazed roof panel	●	
Reinforced glass (windscreen and roof panel)		●
Windshield washer system	●	
Roof washer system		●
Air-cushioned operator seat with headrest, seatbelt, and lumbar support	●	
Seat heating with integrated A/C function		●
Joystick steering	●	
Steering column, height and tilt adjustable		●
Automatic air conditioning system	●	
Independent heating system		●
Multi-function display	●	
Document clip	●	
Protective grilles to front and roof		●
12V transformer		●
Radio USB & Bluetooth		●
12V socket	●	
Fire extinguisher, dry powder		●

EQUIPMENT

20 kW DC generator with controls and insulation monitoring		●
30 kW DC generator with controls and insulation monitoring		●
Close proximity range limiter for dipperstick	●	
Coolant and hydraulic oil level monitoring system	●	
Filter system for attachments		●
Hose rupture valve for boom cylinder	●	
Hose rupture valve for stick cylinder	●	
Overload warning device		●
Quick coupling on dipperstick	●	
Dipperstick impact protection		●
Active cyclone prefilter (TOP AIR)		●
Hydraulic oil preheating 230 V		●
Float switch for barge unloading		●
Lubrication of the grab suspension by central lubrication system	●	
LED front headlights	●	
Light packages LED		●
Fuchs Telematics System, incl. 2 years service		●

Further optional equipment available on request!



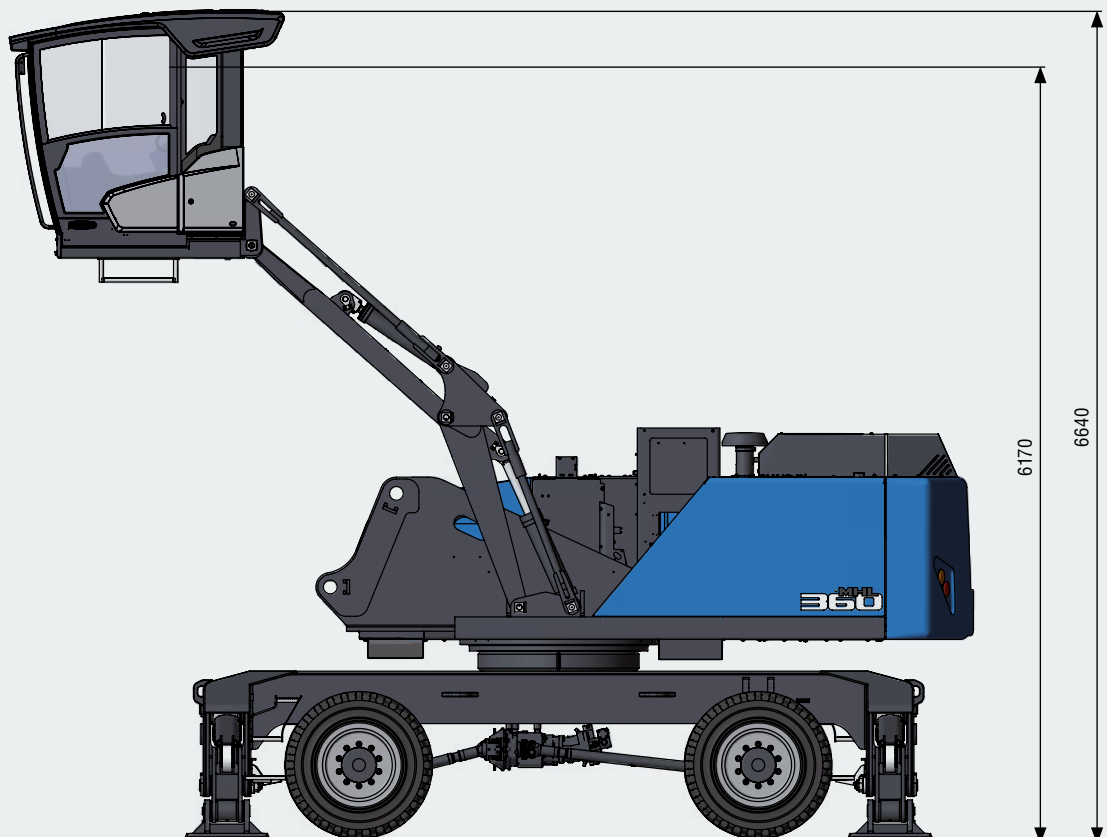
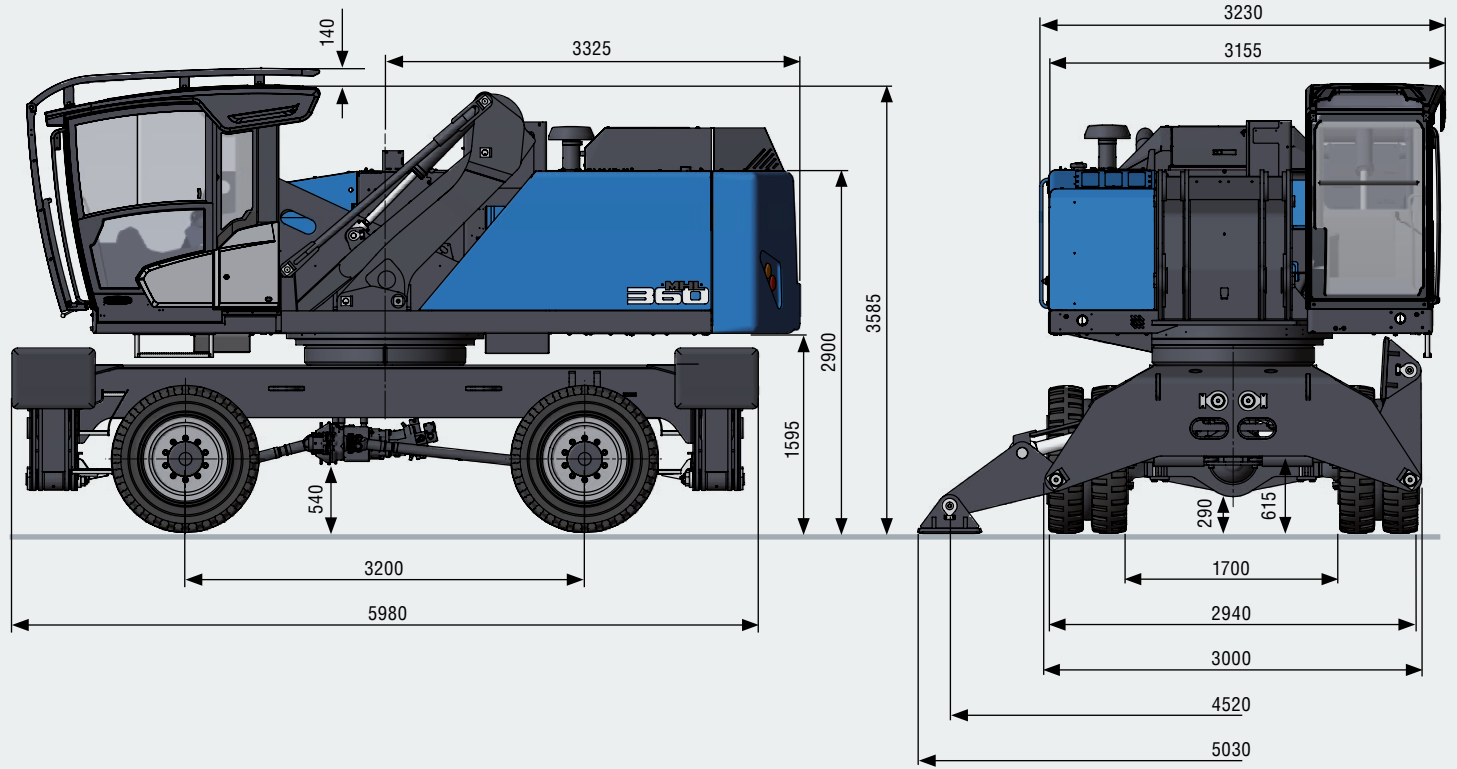
MHL360



DIMENSIONS MHL360 F

WITH VERTICALLY AND HORIZONTALLY ADJUSTABLE CABIN

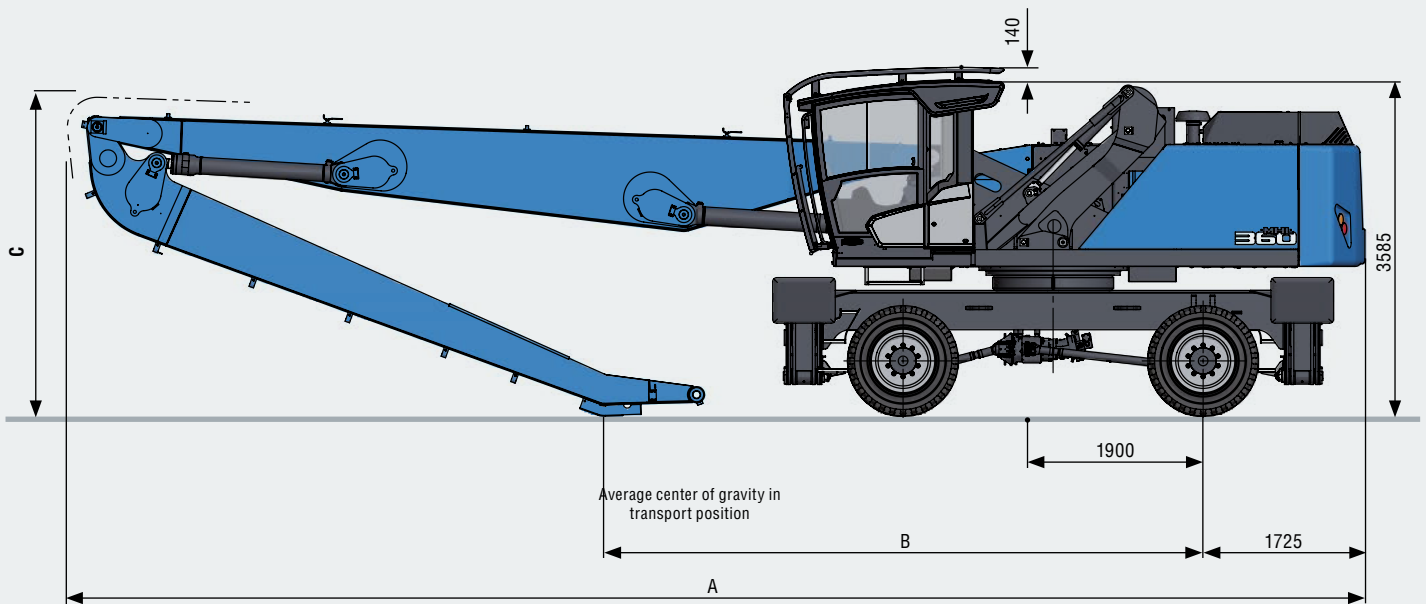
All dimensions in mm





TRANSPORT DIMENSIONS MHL360 F

All dimensions in mm

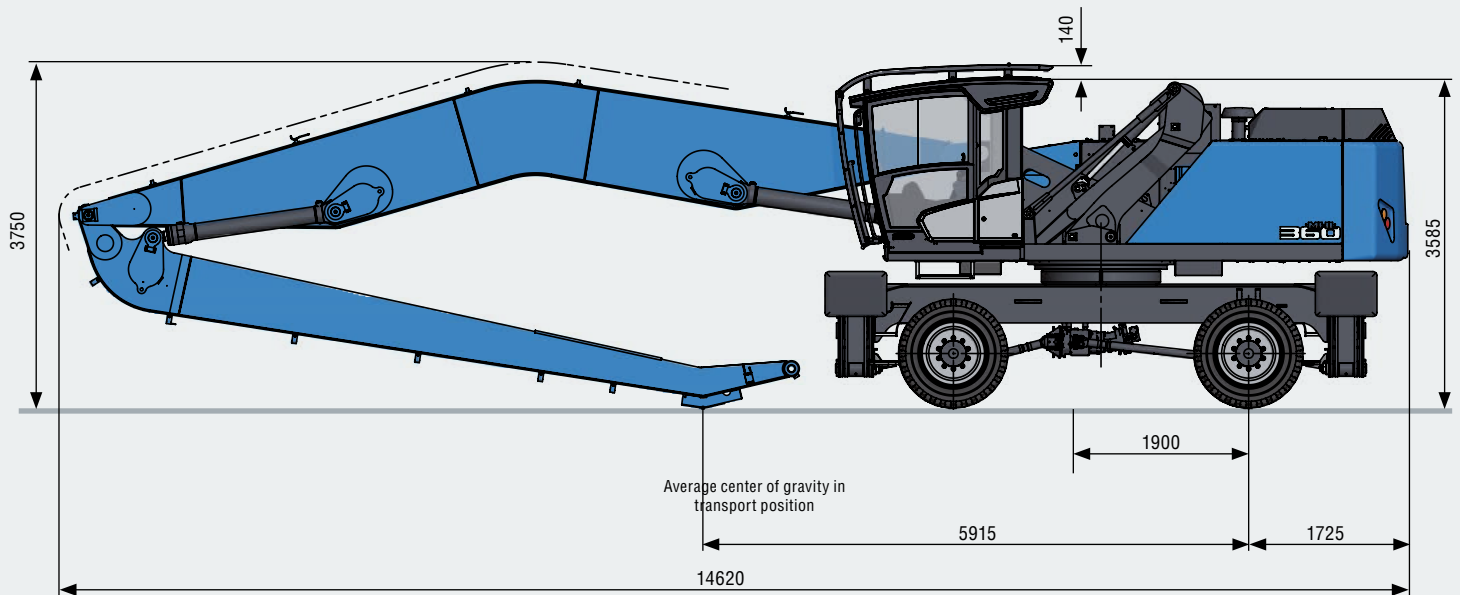


Dimensions	Reach 16.5 m	Reach 18.0 m
A	13,840	14,625
B	6,375	6,400
C	3,400	3,670

WORK EQUIPMENT BANANA BOOM

All dimensions in mm

Reach 18.0 m



WORKING RANGE

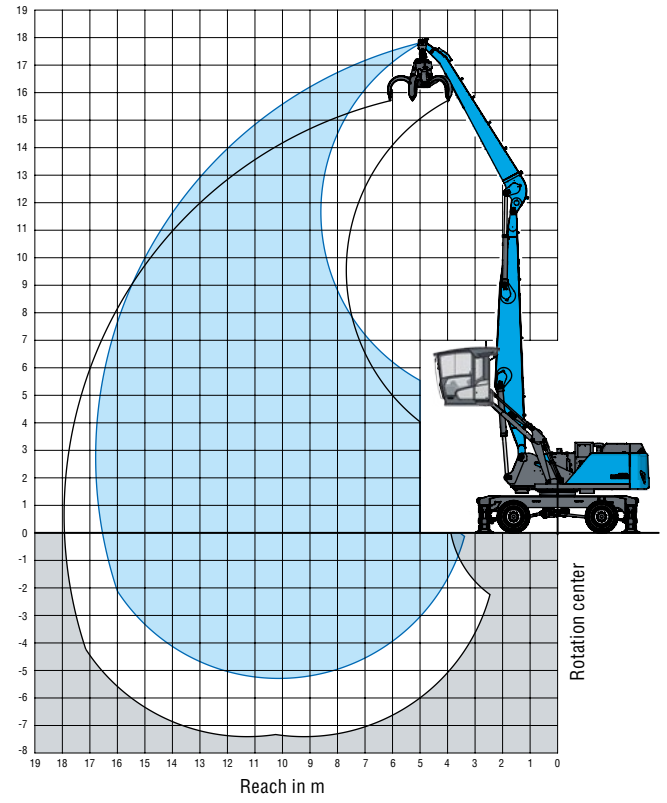
REACH 16.5 M WITH DIPPER STICK

Loading equipment	Boom 8.9 m
	Dipper stick 7.0 m
	Multi-tine grapple 0.8 m ³ open

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m ³	Open or half-closed
Fuchs multi-tine grapple 0.8 m ³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350 mm with 30 kW magnet system
Clamshell grab 1.4 m ³	Density of materials handled up to 1,600 kg/m ³
Clamshell grab 2.0 m ³	Density of materials handled up to 800 kg/m ³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



LIFTING CAPACITY

Height [m]	Undercarriage outrigger	Reach [m]									
		4.5	6	7.5	9	10.5	12	13.5	15	16.5	
15	not supported				(8.4°)	(5.8°)					
	4-point supported				8.4° (8.4°)	5.8° (5.8°)					
13.5	not supported				(8.7)	(6.7)	(5.2)				
	4-point supported				9.3° (9.3°)	8.3° (8.3°)	5.8° (5.8°)				
12	not supported				(8.8)	(6.8)	(5.3)	(4.2)			
	4-point supported				9.2° (9.2°)	8.2° (8.2°)	7.5° (7.5°)	5.0° (5.0°)			
10.5	not supported				(8.8)	(6.8)	(5.3)	(4.3)			
	4-point supported				9.2° (9.2°)	8.2° (8.2°)	7.4° (7.4°)	6.5 (6.7°)			
9	not supported				(8.6)	(6.7)	(5.3)	(4.3)	(3.4)		
	4-point supported				9.4° (9.4°)	8.3° (8.3°)	7.5° (7.5°)	6.4 (6.7°)	5.3 (5.6°)		
7.5	not supported			(11.2°)	(8.4)	(6.5)	(5.2)	(4.2)	(3.4)		
	4-point 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	not supported		(14.8°)	(10.6)	(8.0)	(6.2)	(5.0)	(4.1)	(3.4)		
	4-point 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	not supported	(17.0)	(13.8)	(9.9)	(7.5)	(5.9)	(4.8)	(3.9)	(3.3)	(2.7)	
	4-point 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°)	4.4 (4.8°)	
3	not supported		(12.3)	(9.0)	(7.0)	(5.6)	(4.6)	(3.8)	(3.2)	(2.7)	
	4-point 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°)	4.4 (4.8°)	
1.5	not supported		(11.1)	(8.3)	(6.5)	(5.3)	(4.4)	(3.7)	(3.1)	(2.7)	
	4-point 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°)	4.3 (4.4°)	
0	not supported		(9.1°)	(7.8)	(6.2)	(5.0)	(4.2)	(3.5)	(3.0)	(2.7)	
	4-point 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°)	3.8° (3.8°)	
-1.5	not supported		(8.9°)	(7.5)	(6.0)	(4.9)	(4.1)	(3.5)	(3.0)		
	4-point 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	not supported		(9.6°)	(7.4)	(5.8)	(4.8)	(4.0)	(3.4)	(3.0)		
	4-point 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	not supported			(7.5)	(5.8)	(4.8)	(4.0)				
	4-point supported			8.7° (8.7°)	7.4° (7.4°)	6.2° (6.2°)	5.0° (5.0°)				
Max. Reach 16.8 m											
-2.7	not supported									(2.6)	
	4-point supported									4.0° (4.0°)	



WORKING RANGE

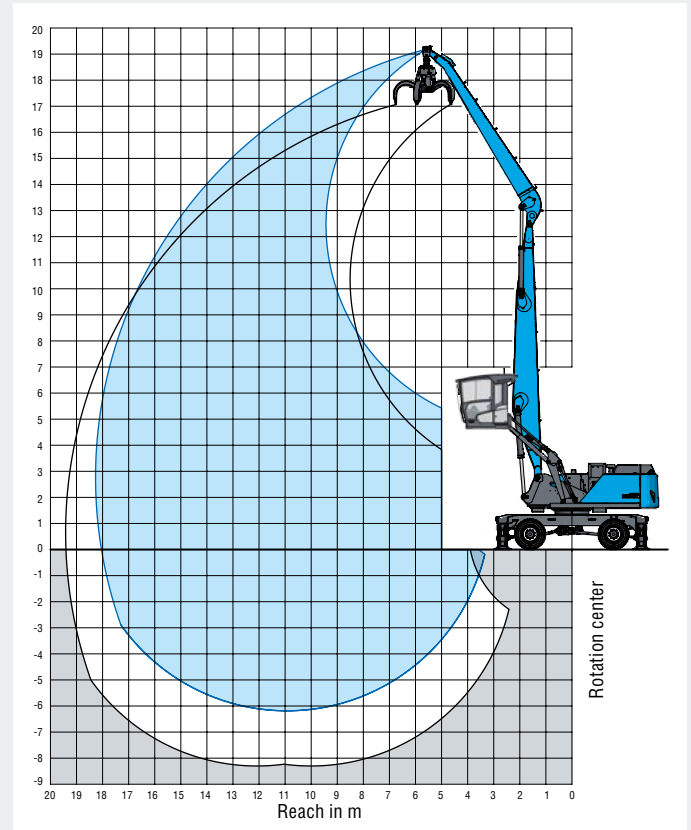
REACH 18.0 M WITH DIPPER STICK

Loading equipment	Boom 9.7 m
	Dipper stick 7.8 m
	Multi-tine grapple 0.8 m ³ open

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m ³	Open or half-closed
Fuchs multi-tine grapple 0.8 m ³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350 mm with 30 kW magnet system
Clamshell grab 1.4 m ³	Density of materials handled up to 1,600 kg/m ³
Clamshell grab 2.0 m ³	Density of materials handled up to 800 kg/m ³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



LIFTING CAPACITY

Height [m]	Undercarriage outrigger	Reach [m]											
		4.5	6	7.5	9	10.5	12	13.5	15	16.5	18		
15	not supported				(8.8°)	(6.8)	(5.3)						
	4-point supported				8.8° (8.8°)	7.9° (7.9°)	6.3° (6.3°)						
13.5	not supported					(7.0)	(5.5)	(4.3)					
	4-point supported					7.7° (7.7°)	7.0° (7.0°)	5.9° (5.9°)					
12	not supported					(7.0)	(5.5)	(4.4)	(3.5)				
	4-point supported					7.7° (7.7°)	6.9° (6.9°)	6.3° (6.3°)	5.1° (5.1°)				
10.5	not supported					(6.9)	(5.4)	(4.4)	(3.5)				
	4-point supported					7.7° (7.7°)	6.9° (6.9°)	6.3° (6.3°)	5.4 (5.7°)				
9	not supported				(8.8)	(6.7)	(5.3)	(4.3)	(3.5)	(2.8)			
	4-point 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	not supported				(8.4)	(6.5)	(5.2)	(4.2)	(3.4)	(2.8)			
	4-point 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	not supported			(10.7)	(8.0)	(6.2)	(4.9)	(4.0)	(3.3)	(2.7)			
	4-point 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	not supported	(17.0)	(13.7)	(9.8)	(7.4)	(5.8)	(4.7)	(3.9)	(3.2)	(2.7)	(2.2)		
	4-point 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	not supported		(12.0)	(8.8)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.6)	(2.2)		
	4-point 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	not supported		(9.1°)	(8.0)	(6.3)	(5.1)	(4.2)	(3.5)	(3.0)	(2.5)	(2.2)		
	4-point 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	not supported		(6.9°)	(7.4)	(5.9)	(4.8)	(4.0)	(3.3)	(2.9)	(2.5)	(2.1)		
	4-point 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	not supported		(6.9°)	(7.1)	(5.6)	(4.6)	(3.8)	(3.2)	(2.8)	(2.4)			
	4-point 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	not supported		(7.5°)	(6.9)	(5.4)	(4.4)	(3.7)	(3.2)	(2.7)	(2.4)			
	4-point 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	not supported			(6.9)	(5.4)	(4.4)	(3.7)	(3.1)	(2.7)				
	4-point 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	not supported					(4.4)	(3.7)						
	4-point supported					5.0° (5.0°)	4.1° (4.1°)						
											Max. Reach 18.3 m		
-2.7	not supported											(2.1)	
	4-point supported											3.6 (3.8°)	

WORKING RANGE

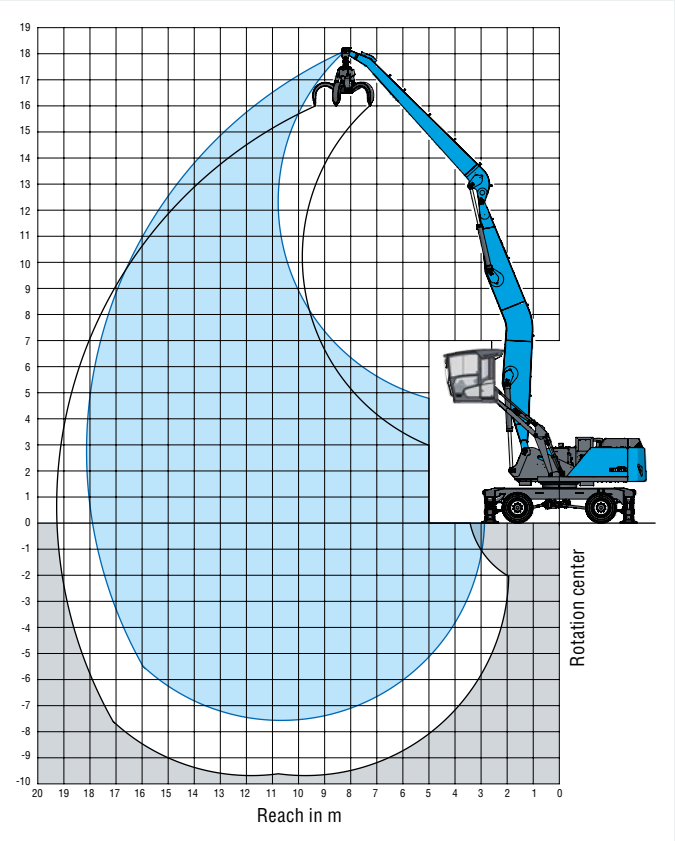
REACH 18.0 M BANANA BOOM

Loading equipment	Boom 9.7 m Dipper stick 7.8 m Multi-tine grapple 0.8 m ³ open
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RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m³	Open or half-closed
Fuchs multi-tine grapple 0.8 m³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350 mm with 30 kW magnet system
Clamshell grab 1.4 m³	Density of materials handled up to 1,600 kg/m ³
Clamshell grab 2.0 m³	Density of materials handled up to 800 kg/m ³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



LIFTING CAPACITY

Height [m]	Undercarriage outrigger	Reach [m]													
		4.5	6	7.5	9	10.5	12	13.5	15	16.5	18				
15	not supported					(6.5°)	(5.3)								
	4-point supported					6.5° (6.5°)	5.5° (5.5°)								
13.5	not supported						(5.4)	(4.2)							
	4-point supported						5.9° (5.9°)	5.2° (5.2°)							
12	not supported						(5.5)	(4.3)	(3.4)						
	4-point supported						5.8° (5.8°)	5.4° (5.4°)	4.4° (4.4°)						
10.5	not supported						(5.4)	(4.3)	(3.4)						
	4-point supported						5.9° (5.9°)	5.4° (5.4°)	5.0° (5.0°)						
9	not supported					(6.6°)	(5.3)	(4.2)	(3.4)	(2.7)					
	4-point supported					6.6° (6.6°)	6.0° (6.0°)	5.5° (5.5°)	5.1° (5.1°)	4.4° (4.4°)					
7.5	not supported					(6.5)	(5.1)	(4.1)	(3.3)	(2.7)					
	4-point supported					6.8° (6.8°)	6.1° (6.1°)	5.6° (5.6°)	5.1° (5.1°)	4.4 (4.7°)					
6	not supported				(7.9)	(6.1)	(4.9)	(3.9)	(3.2)	(2.7)					
	4-point 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	not supported	(17.0)	(13.7)	(9.7)	(7.3)	(5.7)	(4.6)	(3.8)	(3.1)	(2.6)	(2.1)				
	4-point 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°)	3.6° (3.6°)				
3	not supported		(11.8)	(8.7)	(6.7)	(5.3)	(4.3)	(3.6)	(3.0)	(2.5)	(2.1)				
	4-point 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°)	3.6 (4.0°)				
1.5	not supported		(10.4)	(7.8)	(6.1)	(4.9)	(4.1)	(3.4)	(2.8)	(2.4)	(2.1)				
	4-point 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°)	3.6 (4.0°)				
0	not supported		(7.8°)	(7.2)	(5.7)	(4.6)	(3.8)	(3.2)	(2.7)	(2.3)					
	4-point 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	not supported		(7.6°)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.7)	(2.3)					
	4-point 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	not supported		(7.9°)	(6.6)	(5.2)	(4.2)	(3.6)	(3.0)	(2.6)	(2.3)					
	4-point 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	not supported		(8.6°)	(6.6)	(5.1)	(4.2)	(3.5)	(3.0)	(2.6)						
	4-point 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°)						
0	not supported		(9.3°)	(6.7)	(5.2)	(4.2)	(3.5)	(3.0)	(2.7)						
	4-point 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°)						
											Max. Reach 18.1 m				
-2.7	not supported														(2.0)
	4-point supported														3.5° (3.5°)



MHL360 F HD MATERIAL HANDLER.

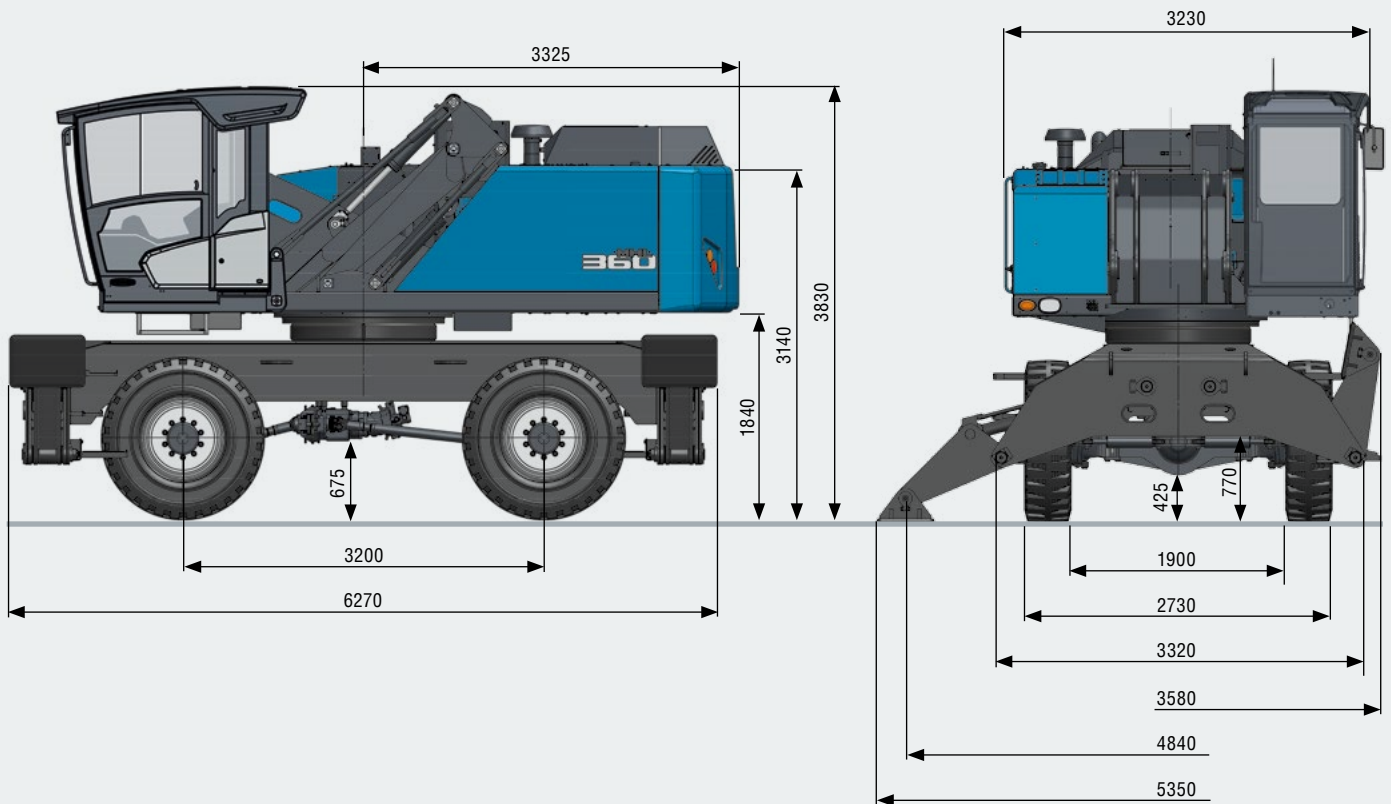
The undercarriage makes the difference.



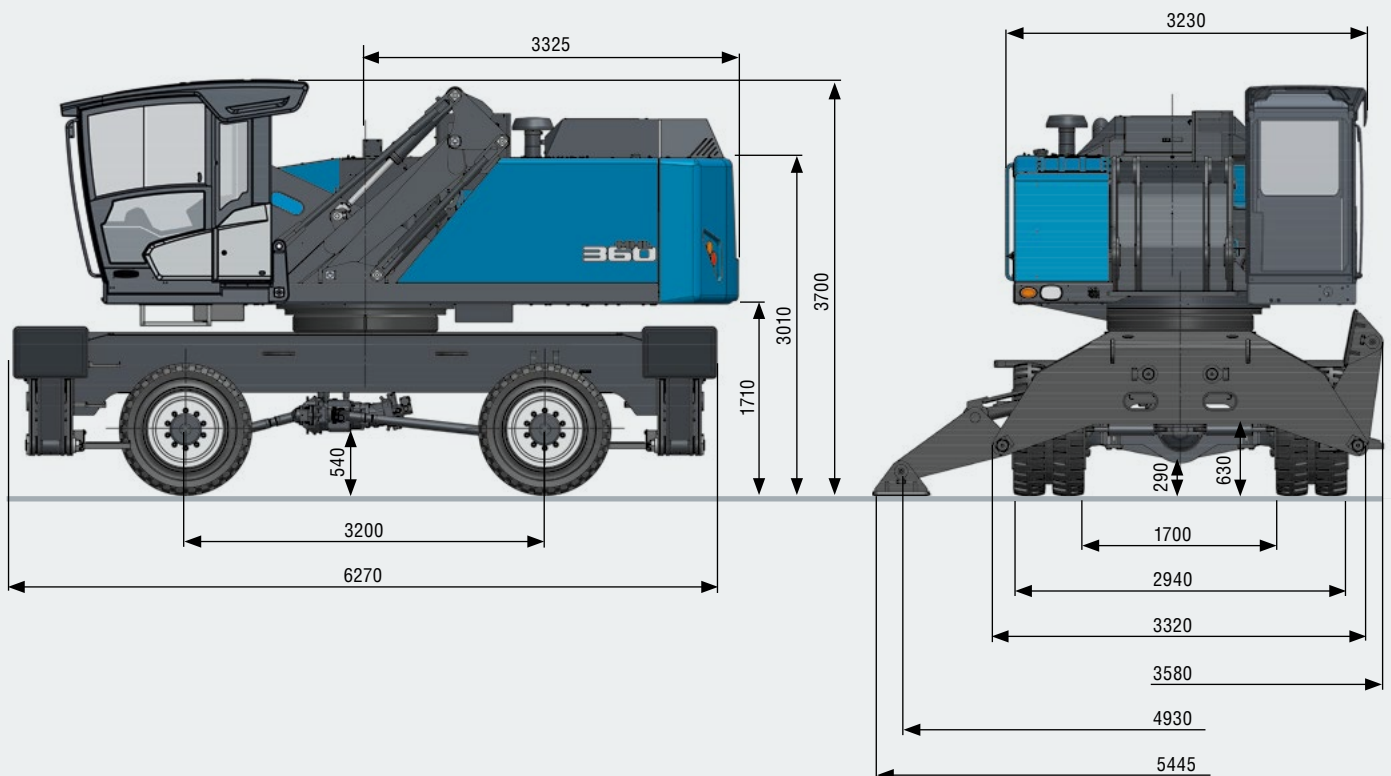
DIMENSIONS MHL360 F HD

WITH VERTICALLY AND HORIZONTALLY ADJUSTABLE CABIN

Single solid rubber tires | All dimensions in mm



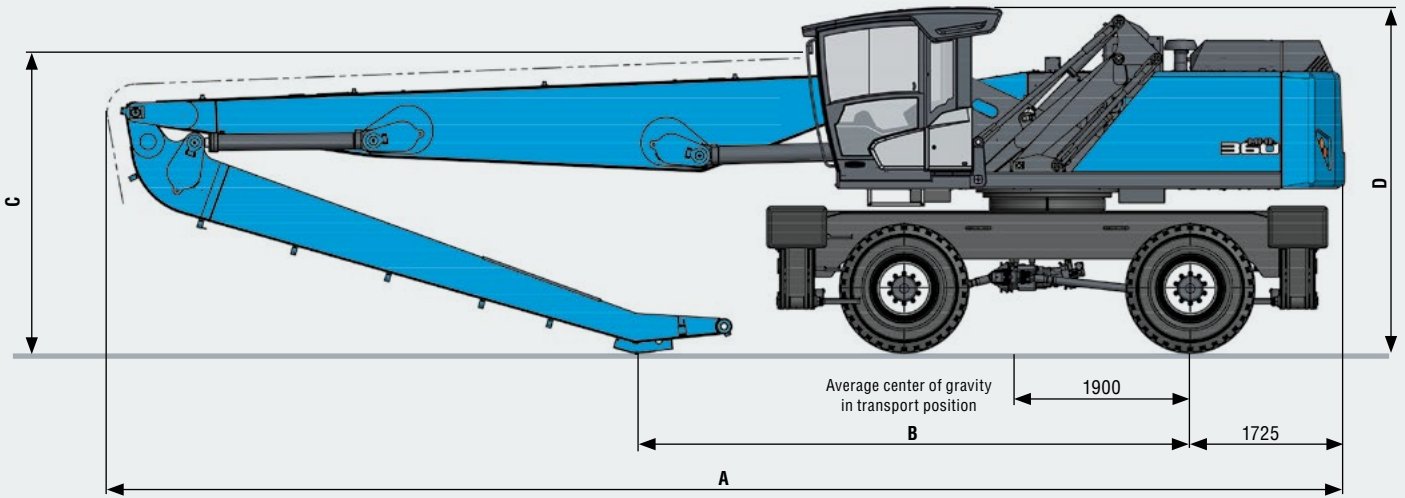
Dual solid rubber tires | All dimensions in mm





TRANSPORT DIMENSIONS MHL360 F HD

With dipper stick | All dimensions in mm

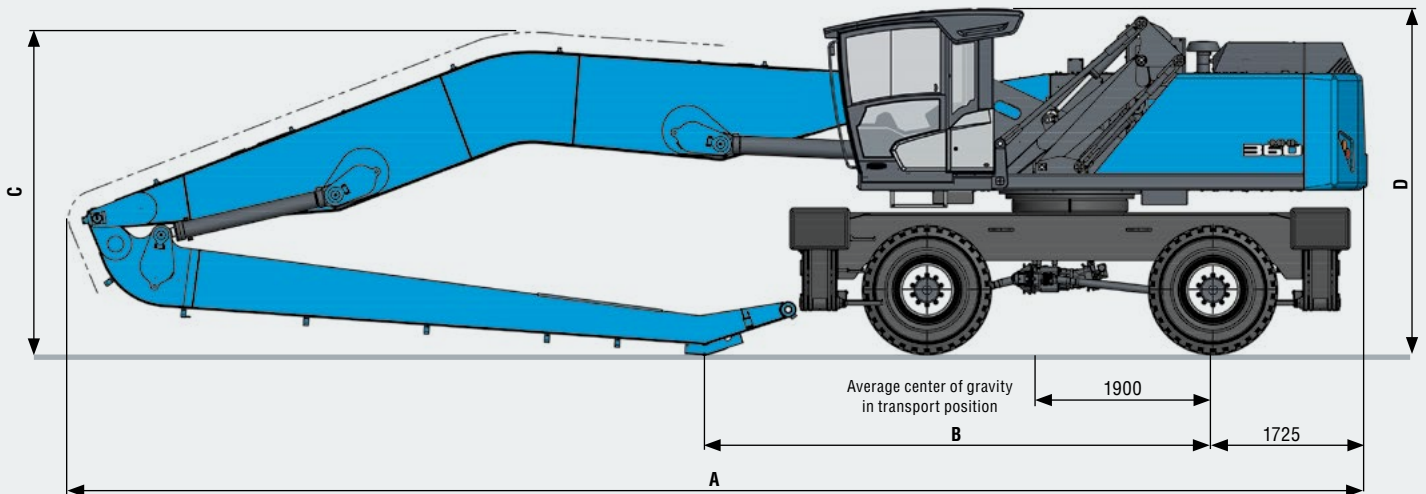


Dimensions	Single pneumatic tires		Dual pneumatic tires	
	Reach 16.5 m	Reach 18.0 m	Reach 16.5 m	Reach 18.0 m
A	13,840	14,645	13,845	14,640
B	6,195	6,215	6,300	6,330
C	3,340	3,345	3,230	3,475
D	3,830	3,830	3,700	3,700

WORK EQUIPMENT BANANA BOOM

All dimensions in mm

Reach 18.0 m



Dimensions	Single pneumatic tires	Dual pneumatic tires
	Reach 18.0 m	Reach 18.0 m
A	14,530	14,590
B	5,700	5,820
C	3,605	3,690
D	3,830	3,700

WORKING RANGE

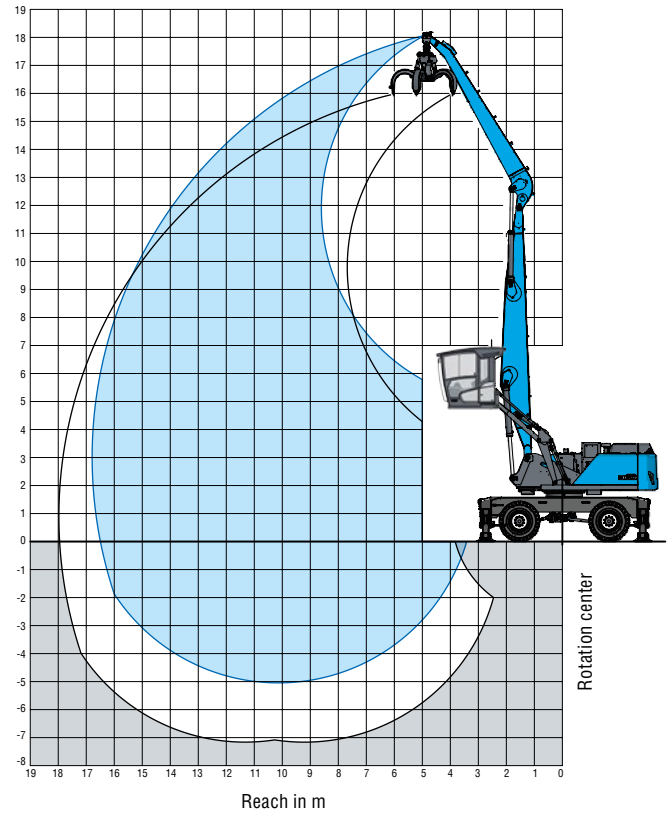
REACH 16.5 M WITH DIPPER STICK

Loading equipment	Boom 8.9 m Dipper stick 7.0 m Multi-tine grapple 0.8 m ³ open
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RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m³	Open or half-closed
Fuchs multi-tine grapple 0.8 m³	Open or half-closed
Fuchs multi-tine grapple 1.0 m³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350mm with 30 kW magnet system
Clamshell grab 1.4 m³	Density of materials handled up to 1,600 kg/m ³
Clamshell grab 2.0 m³	Density of materials handled up to 800 kg/m ³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



LIFTING CAPACITY

Height [m]	Undercarriage outrigger	Reach [m]								
		6	7.5	9	10.5	12	13.5	15	16.5	
16.5	not supported		(8.5°)							
	4-point supported		8.5° (8.5°)							
15	not supported			(8.7°)	(6.5°)					
	4-point supported			8.7° (8.7°)	6.5° (6.5°)					
13.5	not supported			(9.0)	(6.9)	(5.3)				
	4-point supported			9.2° (9.2°)	8.2° (8.2°)	6.3° (6.3°)				
12	not supported			(9.0)	(6.9)	(5.4)	(4.3)			
	4-point supported			9.1° (9.1°)	8.1° (8.1°)	7.3° (7.3°)	5.5° (5.5°)			
10.5	not supported			(9.0)	(6.9)	(5.4)	(4.3)			
	4-point supported			9.1° (9.1°)	8.1° (8.1°)	7.3° (7.3°)	6.6° (6.6°)			
9	not supported			(8.8)	(6.8)	(5.4)	(4.3)	(3.5)		
	4-point supported			9.4° (9.4°)	8.3° (8.3°)	7.4° (7.4°)	6.6° (6.6°)	5.9° (5.9°)		
7.5	not supported		(11.4)	(8.5)	(6.6)	(5.2)	(4.2)	(3.5)		
	4-point supported		11.4° (11.4°)	9.7° (9.7°)	8.5° (8.5°)	7.5° (7.5°)	6.7° (6.7°)	5.9° (5.9°)		
6	not supported	(15.4)	(10.8)	(8.1)	(6.3)	(5.0)	(4.1)	(3.4)		
	4-point supported	15.4° (15.4°)	12.2° (12.2°)	10.2° (10.2°)	8.7° (8.7°)	7.6° (7.6°)	6.7° (6.7°)	5.8° (5.9°)		
4.5	not supported	(13.9)	(9.9)	(7.5)	(6.0)	(4.8)	(4.0)	(3.3)	(2.8)	
	4-point supported	17.1° (17.1°)	13.1° (13.1°)	10.6° (10.6°)	9.0° (9.0°)	7.7° (7.7°)	6.7° (6.7°)	5.7° (5.8°)	4.8° (4.8°)	
3	not supported	(12.3)	(9.1)	(7.0)	(5.6)	(4.6)	(3.8)	(3.2)	(2.7)	
	4-point supported	18.3° (18.3°)	13.7° (13.7°)	10.9° (10.9°)	9.1° (9.1°)	7.7° (7.7°)	6.6° (6.6°)	5.6° (5.7°)	4.6° (4.6°)	
1.5	not supported	(11.1°)	(8.4)	(6.6)	(5.3)	(4.4)	(3.7)	(3.1)	(2.7)	
	4-point supported	11.1° (11.1°)	13.8° (13.8°)	11.0° (11.0°)	9.0° (9.0°)	7.6° (7.6°)	6.5° (6.5°)	5.4° (5.4°)	4.2° (4.2°)	
0	not supported	(8.9°)	(7.9)	(6.2)	(5.1)	(4.2)	(3.6)	(3.1)		
	4-point supported	8.9° (8.9°)	13.2° (13.2°)	10.6° (10.6°)	8.7° (8.7°)	7.3° (7.3°)	6.1° (6.1°)	5.0° (5.0°)		
-1.5	not supported	(9.0°)	(7.6)	(6.0)	(4.9)	(4.1)	(3.5)	(3.0)		
	4-point supported	9.0° (9.0°)	12.0° (12.0°)	9.8° (9.8°)	8.1° (8.1°)	6.8° (6.8°)	5.6° (5.6°)	4.3° (4.3°)		
-3	not supported	(9.8°)	(7.6)	(5.9)	(4.8)	(4.1)	(3.5)	(3.1)		
	4-point supported	9.8° (9.8°)	10.3° (10.3°)	8.6° (8.6°)	7.1° (7.1°)	5.9° (5.9°)	4.7° (4.7°)	3.3° (3.3°)		
-4.5	not supported		(7.6)	(5.9)	(4.8)	(4.1)				
	4-point supported		7.9° (7.9°)	6.8° (6.8°)	5.7° (5.7°)	4.6° (4.6°)				
Max. Reach 16.8 m										
3	not supported								(2.7)	
	4-point supported								4.0° (4.0°)	



WORKING RANGE

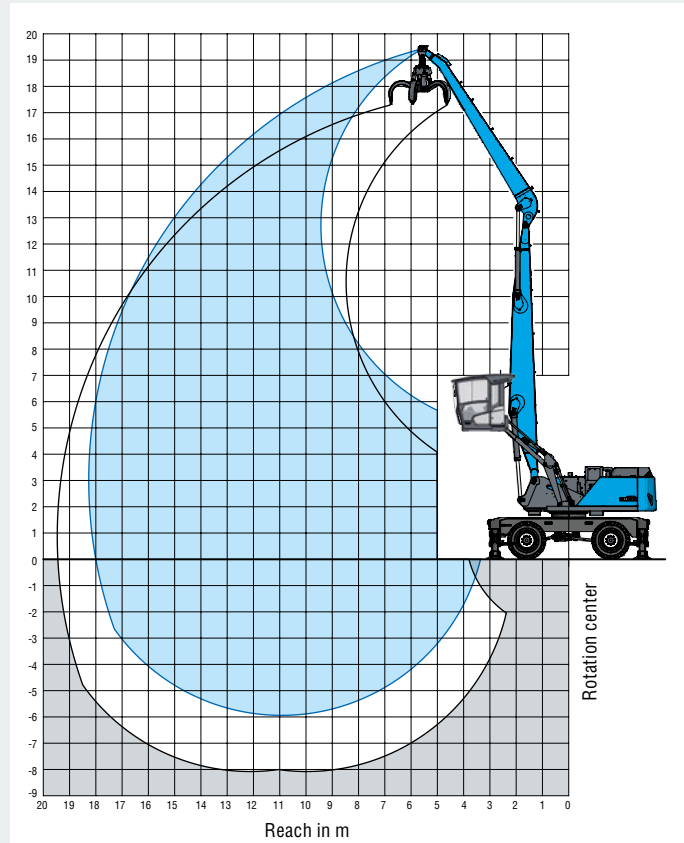
REACH 18.0 M WITH DIPPER STICK

Loading equipment	Boom 9.7 m
	Dipper stick 7.8 m
	Multi-tine grapple 0.8 m³ open

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m³	Open or half-closed
Fuchs multi-tine grapple 0.8 m³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350 mm with 30 kW magnet system
Clamshell grab 1.4 m³	Density of materials handled up to 1,600 kg/m³
Clamshell grab 2.0 m³	Density of materials handled up to 800 kg/m³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hook, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



LIFTING CAPACITY

Height [m]	Undercarriage outrigger	Reach [m]								
		6	7.5	9	10.5	12	13.5	15	16.5	18
18	not supported		(8.1°)	(6.1°)						
	4-point supported		8.1° (8.1°)	6.1° (6.1°)						
16.5	not supported			(8.1°)	(6.6°)					
	4-point supported			8.1° (8.1°)	6.6° (6.6°)					
15	not supported				(7.0)	(5.5)				
	4-point supported				7.8° (7.8°)	6.6° (6.6°)				
13.5	not supported				(7.1)	(5.6)	(4.4)			
	4-point supported				7.6° (7.6°)	6.9° (6.9°)	6.2° (6.2°)			
12	not supported				(7.1)	(5.6)	(4.5)	(3.5)		
	4-point supported				7.6° (7.6°)	6.8° (6.8°)	6.2° (6.2°)	5.4° (5.4°)		
10.5	not supported				(7.0)	(5.5)	(4.4)	(3.6)	(2.8)	
	4-point supported				7.7° (7.7°)	6.9° (6.9°)	6.2° (6.2°)	5.6° (5.6°)	3.8° (3.8°)	
9	not supported			(8.9)	(6.9)	(5.4)	(4.3)	(3.5)	(2.9)	
	4-point supported			9.0° (9.0°)	7.9° (7.9°)	7.0° (7.0°)	6.2° (6.2°)	5.5° (5.6°)	5.0° (5.0°)	
7.5	not supported		(11.1°)	(8.5)	(6.6)	(5.2)	(4.2)	(3.4)	(2.8)	
	4-point supported		11.1° (11.1°)	9.3° (9.3°)	8.1° (8.1°)	7.1° (7.1°)	6.3° (6.3°)	5.6° (5.6°)	5.0° (5.0°)	
6	not supported	(13.8°)	(10.8)	(8.0)	(6.2)	(5.0)	(4.1)	(3.3)	(2.8)	(2.3)
	4-point supported	13.8° (13.8°)	11.8° (11.8°)	9.8° (9.8°)	8.3° (8.3°)	7.2° (7.2°)	6.3° (6.3°)	5.6° (5.6°)	4.9° (4.9°)	3.7° (3.7°)
4.5	not supported	(13.7)	(9.8)	(7.4)	(5.8)	(4.7)	(3.9)	(3.2)	(2.7)	(2.2)
	4-point supported	16.6° (16.6°)	12.6° (12.6°)	10.2° (10.2°)	8.5° (8.5°)	7.3° (7.3°)	6.4° (6.4°)	5.6° (5.6°)	4.8° (4.8°)	4.0° (4.0°)
3	not supported	(11.9)	(8.8)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.6)	(2.2)
	4-point supported	17.6° (17.6°)	13.1° (13.1°)	10.5° (10.5°)	8.7° (8.7°)	7.4° (7.4°)	6.3° (6.3°)	5.5° (5.5°)	4.7° (4.7°)	3.8° (3.8°)
1.5	not supported	(8.4°)	(8.0)	(6.3)	(5.1)	(4.2)	(3.5)	(3.0)	(2.5)	(2.2)
	4-point supported	8.4° (8.4°)	13.2° (13.2°)	10.5° (10.5°)	8.6° (8.6°)	7.3° (7.3°)	6.2° (6.2°)	5.3° (5.3°)	4.5° (4.5°)	3.5° (3.5°)
0	not supported	(6.8°)	(7.4)	(5.9)	(4.8)	(4.0)	(3.3)	(2.8)	(2.5)	(2.1)
	4-point supported	6.8° (6.8°)	12.6° (12.6°)	10.2° (10.2°)	8.4° (8.4°)	7.0° (7.0°)	6.0° (6.0°)	5.1° (5.1°)	4.2° (4.2°)	3.0° (3.0°)
-1.5	not supported	(7.0°)	(7.1)	(5.6)	(4.6)	(3.8)	(3.2)	(2.8)	(2.4)	
	4-point supported	7.0° (7.0°)	11.6° (11.6°)	9.5° (9.5°)	7.9° (7.9°)	6.6° (6.6°)	5.6° (5.6°)	4.6° (4.6°)	3.7° (3.7°)	
-3	not supported	(7.6°)	(6.9)	(5.4)	(4.4)	(3.7)	(3.2)	(2.7)	(2.4)	
	4-point supported	7.6° (7.6°)	10.0° (10.0°)	8.4° (8.4°)	7.1° (7.1°)	5.9° (5.9°)	4.9° (4.9°)	4.0° (4.0°)	2.9° (2.9°)	
-4.5	not supported		(7.0)	(5.4)	(4.4)	(3.7)	(3.2)	(2.8)		
	4-point supported		8.1° (8.1°)	7.0° (7.0°)	5.9° (5.9°)	5.0° (5.0°)	4.0° (4.0°)	3.0° (3.0°)		
Max. Reach 18.3 m										
3	not supported									(2.1)
	4-point supported									3.6° (3.6°)

WORKING RANGE

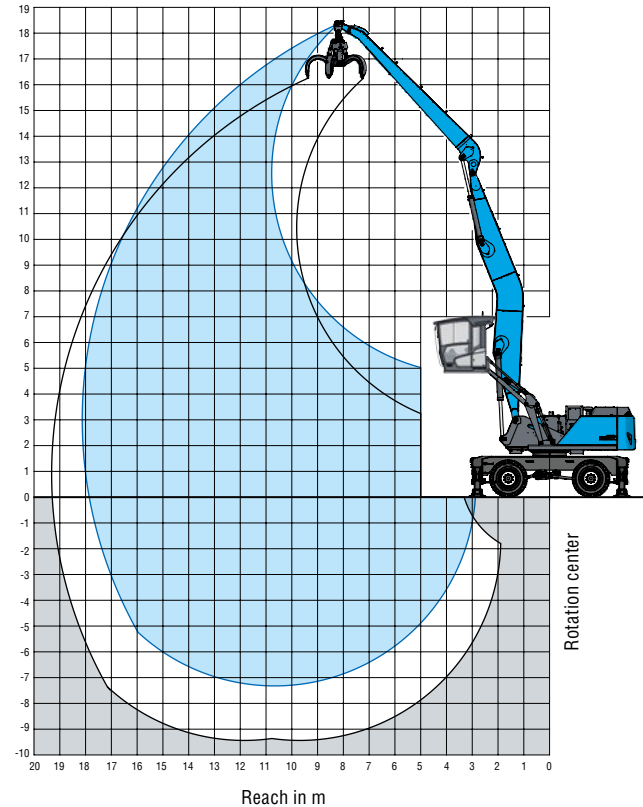
REACH 18.0 M BANANA BOOM

Loading equipment	Boom 9.7 m
	Dipper stick 7.8 m
	Multi-tine grapple 0.8 m ³ open

RECOMMENDED ATTACHMENTS

Fuchs multi-tine grapple 0.6 m ³	Open or half-closed
Fuchs multi-tine grapple 0.8 m ³	Open or half-closed
Fuchs magnetic plate MP 1350	dia = 1350 mm with 30 kW magnet system
Clamshell grab 1.4 m ³	Density of materials handled up to 1,600 kg/m ³
Clamshell grab 2.0 m ³	Density of materials handled up to 800 kg/m ³
Lift hook	20t

The lift capacity values are stated in metric tons (t). The pump pressure is 360 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab, load hock, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.



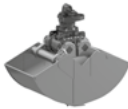





LIFTING CAPACITY

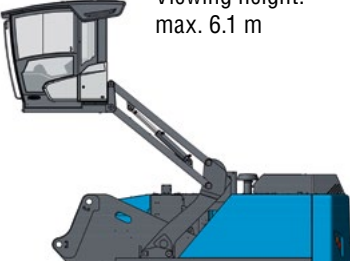
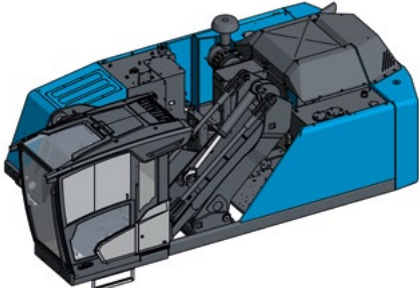
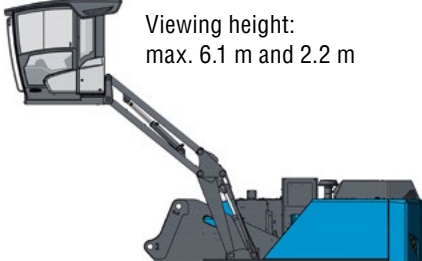
Height [m]	Undercarriage outrigger	Reach [m]										
		4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	
16.5	not supported					(5.8°)						
	4-point supported					5.8° (5.8°)						
15	not supported					(6.4°)	(5.4)					
	4-point supported					6.4° (6.4°)	5.8° (5.8°)					
13.5	not supported						(5.6)	(4.3)				
	4-point supported						5.8° (5.8°)	5.4° (5.4°)				
12	not supported						(5.6)	(4.4)	(3.5)			
	4-point supported						5.7° (5.7°)	5.3° (5.3°)	4.7° (4.7°)			
10.5	not supported						(5.5)	(4.4)	(3.5)			
	4-point supported						5.8° (5.8°)	5.3° (5.3°)	4.9° (4.9°)			
9	not supported					(6.5°)	(5.4)	(4.3)	(3.5)	(2.8)		
	4-point supported					6.5° (6.5°)	5.9° (5.9°)	5.4° (5.4°)	5.0° (5.0°)	4.6° (4.6°)		
7.5	not supported				(7.7°)	(6.6)	(5.2)	(4.2)	(3.4)	(2.7)		
	4-point supported				7.7° (7.7°)	6.8° (6.8°)	6.1° (6.1°)	5.5° (5.5°)	5.0° (5.0°)	4.6° (4.6°)		
6	not supported			(9.9°)	(8.0)	(6.2)	(4.9)	(4.0)	(3.3)	(2.7)		
	4-point supported			9.9° (9.9°)	8.3° (8.3°)	7.1° (7.1°)	6.3° (6.3°)	5.6° (5.6°)	5.1° (5.1°)	4.6° (4.6°)		
4.5	not supported		(13.6)	(9.7)	(7.4)	(5.8)	(4.6)	(3.8)	(3.1)	(2.6)	(2.2)	
	4-point supported		14.1° (14.1°)	10.8° (10.8°)	8.8° (8.8°)	7.5° (7.5°)	6.5° (6.5°)	5.8° (5.8°)	5.1° (5.1°)	4.6° (4.6°)	3.7° (3.7°)	
3	not supported	(5.5°)	(11.7)	(8.7)	(6.7)	(5.3)	(4.3)	(3.6)	(3.0)	(2.5)	(2.1)	
	4-point supported	5.5° (5.5°)	15.7° (15.7°)	11.7° (11.7°)	9.3° (9.3°)	7.8° (7.8°)	6.7° (6.7°)	5.9° (5.9°)	5.2° (5.2°)	4.6° (4.6°)	4.0° (4.0°)	
1.5	not supported	(3.6°)	(9.7°)	(7.8)	(6.1)	(5.0)	(4.1)	(3.4)	(2.9)	(2.4)	(2.1)	
	4-point supported	3.6° (3.6°)	9.7° (9.7°)	12.2° (12.2°)	9.7° (9.7°)	8.0° (8.0°)	6.8° (6.8°)	5.9° (5.9°)	5.2° (5.2°)	4.5° (4.5°)	3.8° (3.8°)	
0	not supported	(4.0°)	(7.7°)	(7.2)	(5.7)	(4.6)	(3.8)	(3.2)	(2.7)	(2.4)	(2.1)	
	4-point supported	4.0° (4.0°)	7.7° (7.7°)	12.3° (12.3°)	9.8° (9.8°)	8.0° (8.0°)	6.8° (6.8°)	5.9° (5.9°)	5.1° (5.1°)	4.4° (4.4°)		
-1.5	not supported	(4.9°)	(7.6°)	(6.8)	(5.4)	(4.4)	(3.7)	(3.1)	(2.7)	(2.3)	(2.0)	
	4-point supported	4.9° (4.9°)	7.6° (7.6°)	11.9° (11.9°)	9.5° (9.5°)	7.9° (7.9°)	6.7° (6.7°)	5.7° (5.7°)	4.9° (4.9°)	4.1° (4.1°)		
-3	not supported	(5.8°)	(8.0°)	(6.7)	(5.2)	(4.3)	(3.6)	(3.0)	(2.6)	(2.3)	(2.0)	
	4-point supported	5.8° (5.8°)	8.0° (8.0°)	11.1° (11.1°)	9.0° (9.0°)	7.5° (7.5°)	6.3° (6.3°)	5.4° (5.4°)	4.5° (4.5°)	3.6° (3.6°)		
-4.5	not supported		(8.7°)	(6.7)	(5.2)	(4.2)	(3.5)	(3.0)	(2.6)	(2.3)	(2.0)	
	4-point supported		8.7° (8.7°)	9.9° (9.9°)	8.2° (8.2°)	6.9° (6.9°)	5.8° (5.8°)	4.8° (4.8°)	3.9° (3.9°)			
-6	not supported		(6.8)	(5.2)	(3.8)	(3.1)	(2.7)	(2.3)	(2.0)	(1.7)	(1.4)	
	4-point supported		8.3° (8.3°)	7.0° (7.0°)	5.9° (5.9°)	4.9° (4.9°)	4.0° (4.0°)	3.0° (3.0°)				
Max. Reach 18.1 m												
3	not supported										(2.1)	
	4-point supported										3.5° (3.5°)	





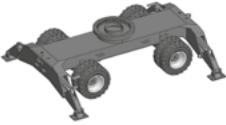
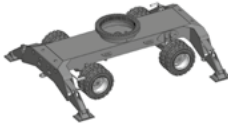
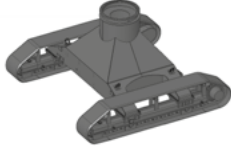
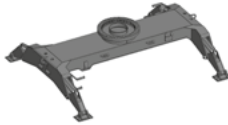
MODULAR SYSTEM

Attachments		Work equipment	
Furthermore: Timber grapple Scrap shears Magnet plate Load hook	Multi-tine grapple		Work equipment straight
	Sorting grapple		Work equipment with multipurpose stick
			Work equipment with banana boom
			
			
			

Uppercarriage MHL360

<p>Cab system hydraulically adjustable</p> <p>Viewing height: max. 6.1 m</p> 		<p>Cab system vertically and horizontally adjustable</p> <p>Viewing height: max. 6.1 m and 2.2 m</p> 
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Engine		Options		
Diesel engine	Electric motor	Cable reel	Cable drum	Power Pack
				

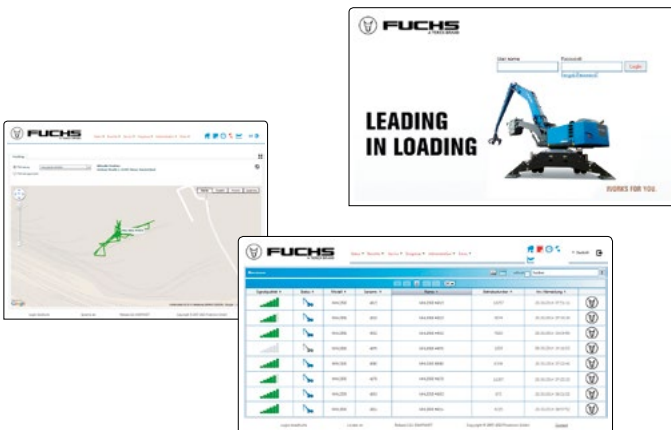
Undercarriage				
Pylon up to max. 0.8 m	Pylon up to max. 1.4 m	Pylon up to max. 0.8 m	Pylon up to max. 3.7 m	Pylon up to max. 3.7 m
				
				
Mobile: Standard-undercarriage	Mobile special: For extended undercarriage	Crawler: Standard-undercarriage	Crawler: XL-undercarriage	Pedestal undercarriage

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