

MATERIAL HANDLER | F-SERIES

# MHL340



**129 kW**



**28,5–32,3t**



up to **13.7 m**



**FUCHS**  
A TEREX BRAND

# TECHNICAL DATA

## OPERATING WEIGHT WITHOUT ATTACHMENTS

MHL340 F	28,5 t–32,3 t
MHL340 F FQC	28,5 t–34,6 t

## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz 6.1 L6
<b>Configuration</b>	6-cylinder inline
<b>Engine management system</b>	EMR IV
<b>Type</b>	4-stroke diesel, common rail direct injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration
<b>Engine output power</b>	129 kW
<b>Nominal speed</b>	2000 min <sup>-1</sup>
<b>Displacement</b>	6.1 l
<b>Cooling system</b>	Combi-cooler (coolant/ charge air) with fan speed control system; optional reversing function
<b>Emission standard</b>	Kat. IV/EPA Tier 4 final
<b>Air filter design</b>	Two-stage filter with safety cartridge and pre-separator with discharge valve
<b>Fuel tank</b>	380 l (for at least two working shifts)
<b>DEF tank</b>	32 l Ad Blue

## ELECTRICAL SYSTEM

<b>Generator</b>	28 V / 100 A
<b>Operating voltage</b>	24 V
<b>Battery</b>	2 × 12 V / 110 Ah / 750 A (in accordance with EN standards)
<b>Lighting set</b>	2 × LED headlamps, turn indicators and tail lights
<b>Optional equipment</b>	13 kW or 17 kW generator with controls and insulation monitoring, driven by V-belt direct from diesel engine

## TRAVEL DRIVE

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

<b>Maximum speed, 1st gear</b>	5 km/h
<b>Maximum speed, 2nd gear</b>	18 km/h
<b>Gradeability</b>	max. 40 %
<b>Turning radius</b>	8.2 m

## SWING DRIVE

<b>Swing gear</b>	Double row, internally geared ball-race slewing ring
<b>Drive</b>	2-stage planetary gear with integrated multi-disc brake
<b>Upper carriage swing speed</b>	Infinitely variable from 0–7,5 rpm
<b>Swing brake</b>	Electrically operated
<b>Max. swing torque</b>	66 kNm

## UNDERCARRIAGE

<b>Front axle</b>	Rigid axle with integral drum brake, planetary drive, max. steering angle: 27°
<b>Rear axle</b>	Oscillating axle with integral drum brake and selectable oscillation lock, planetary drive
<b>Support</b>	4-point stabilizer system
<b>Tires</b>	Solid rubber, 8-ply 10.00–20 for MHL340F, 12.00–20 for MHL340F FQC

## BRAKE SYSTEM

<b>Service brake</b>	Hydraulic single-circuit braking system acting on all four wheel pairs
<b>Parking brake</b>	Electrically operated disc brake on travel gearbox, acting on both front and rear axles

## HYDRAULIC SYSTEM

LINDE mobile hydraulic system with load limit control and fuelsaving power demand control. Separate hydraulic oil cooler, temperature-controlled fan speed, with optional reversing function

<b>Hydraulic oil filter</b>	Integral return filter in oil tank for work hydraulics, with 3000 operating hrs service interval; oil filtration on all auxiliary circuits
<b>Max. pump flow</b>	2 × 330 l/min
<b>Max. pressure</b>	320 / 360 bar
<b>Hydraulic oil tank</b>	350 l usable tank capacity

## OPERATOR CAB

<b>Cab</b>	Infinitely variable hydraulic height-adjustment with eye level up to 5.60 m above ground. Flexibly mounted. Sound-insulated; heat-insulating glass panoramic windows for optimum all-around view; windshield with pull-down sunblind that slides under the cab roof; viewing window on cab roof; sliding window in cab door, sliding door.
<b>Air-conditioning</b>	Automatic air-conditioning. Infinitely variable heating with 8-speed fan, 10 adjustable air nozzles, 3 defroster nozzles (hot water system).
<b>Operator's seat</b>	Air-cushioned high-comfort seat with integrated headrest, safety belt and lumbar support, seat heating with integrated a/c function optional. Seat position, seat inclination, seat cushion multi-adjustable relative to position of armrests and pilot control units, allowing comfortable operation.
<b>Monitoring</b>	Ergonomic layout; glare-free 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 – condition of cooling system, diesel particulate filter load), visual and audible warning indication with shutdown of pilot control/ engine power reduction. Diagnosis of individual sensors available via the multi-function display. Rear view camera and side view camera.
<b>Sound levels</b>	LW(A) = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC; max allowable under 2000/14 EC = 104 dB(A)

## OFFICIAL APPROVALS

Certified in accordance with CE regulations



# EQUIPMENT

ENGINE	Standard	Option
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 20.1 × 26.2 in	●	
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		●
Lockable maintenance hatches, with gas struts	●	
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	●	
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		●

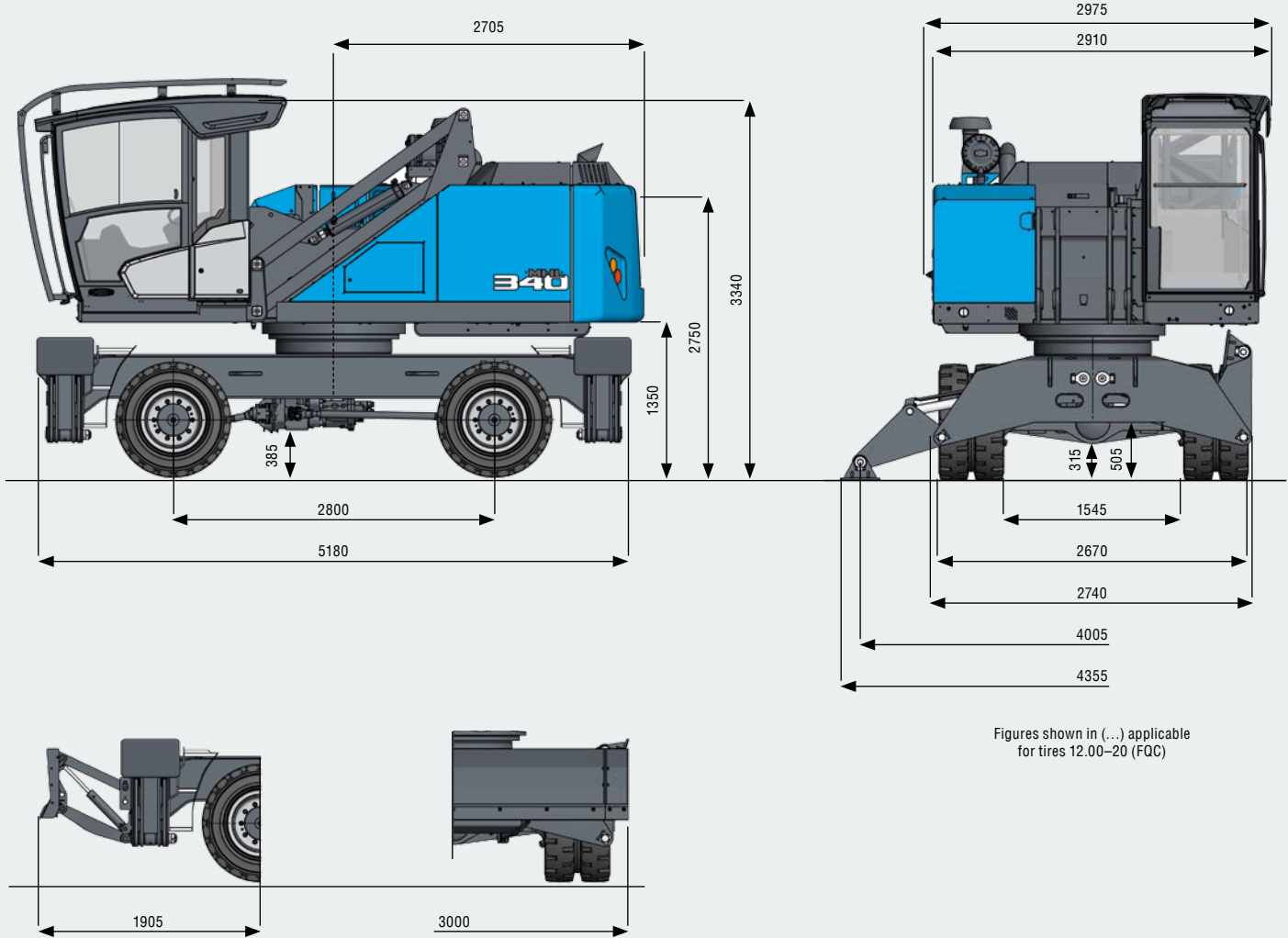
## EQUIPMENT

13 kW DC generator with controls		●
17 kW DC generator with controls		●
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 and work area control		●
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	●	
Light packages LED		●
LED front headlights	●	
Fuchs Telematics System	●	

Further optional equipment available on request!

# DIMENSIONS

All dimensions in mm



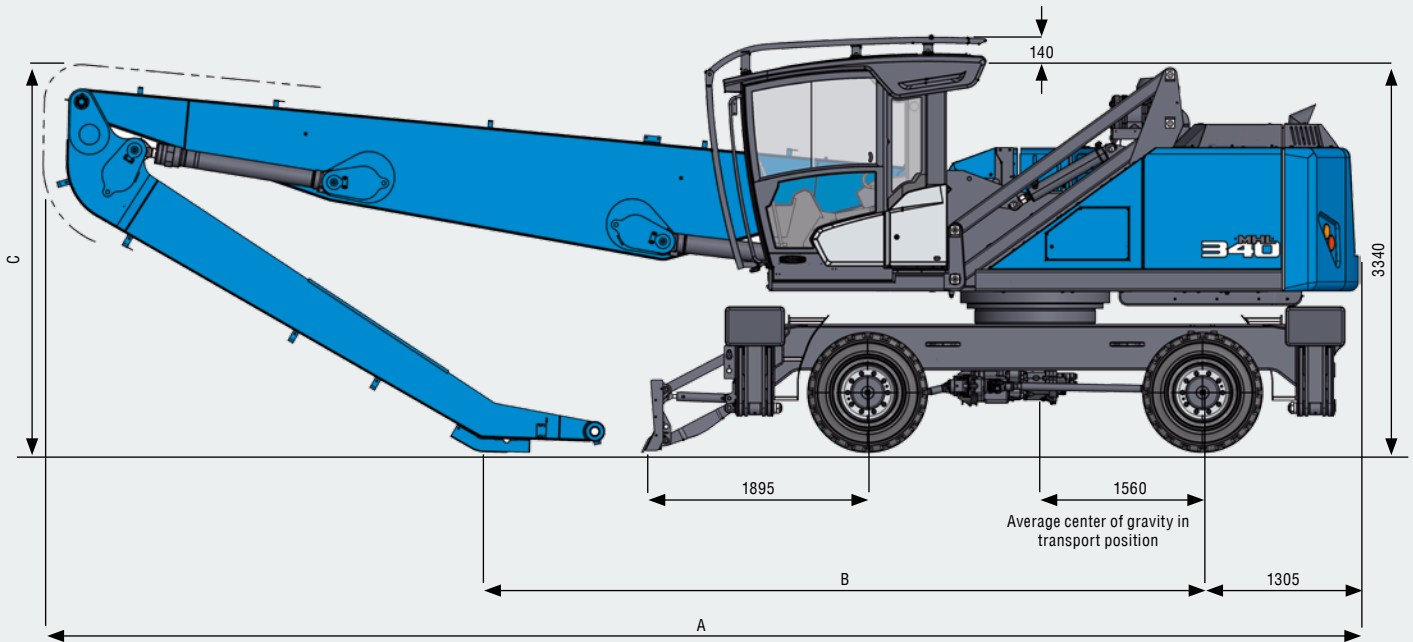
Figures shown in (...) applicable for tires 12.00-20 (FQC)



## TRANSPORT DIMENSIONS

Loading system 13.7 m cranked: undercarriage equipped with dozer blade, rotated by 180°

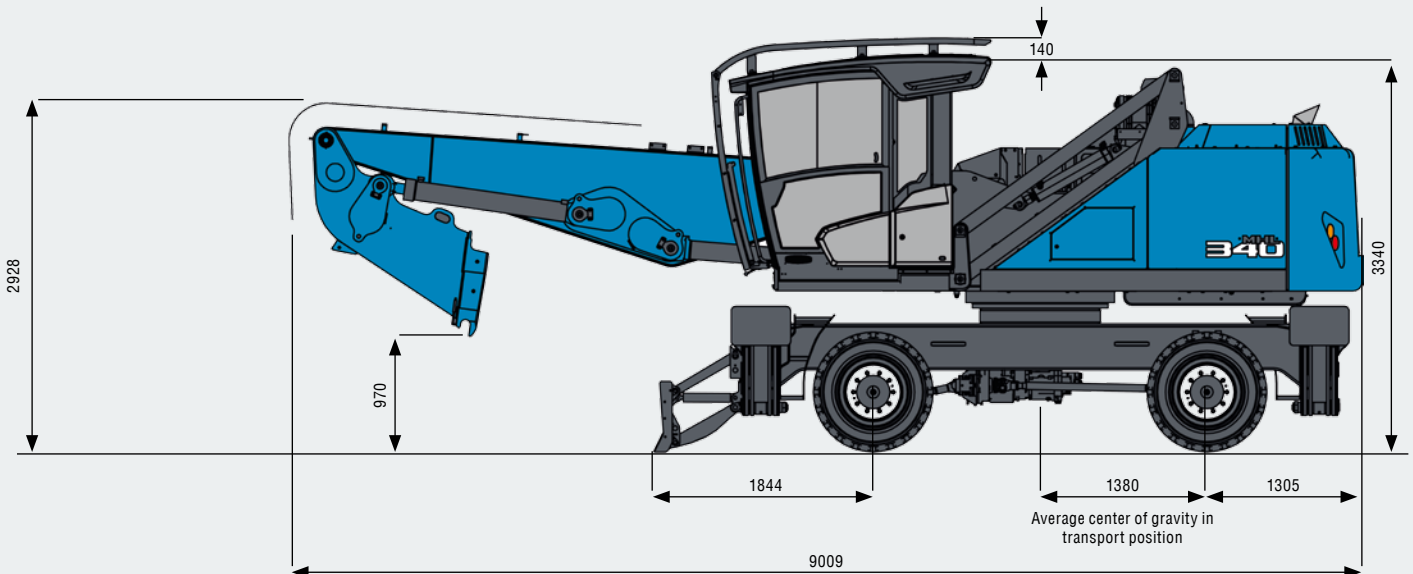
All dimensions in mm



Dimensions	Reach 12.2 m (multi-purpose stick)	Reach 12.6 m	Reach 13.7 m
<b>A</b>	11200 mm	11000 mm	11005 mm
<b>B</b>	6009 mm	5820 mm	4800 mm
<b>C</b>	3111 mm	3250 mm	3085 mm

## TRANSPORT DIMENSIONS MHL340 FQC

All dimensions in mm



# WORKING RANGE

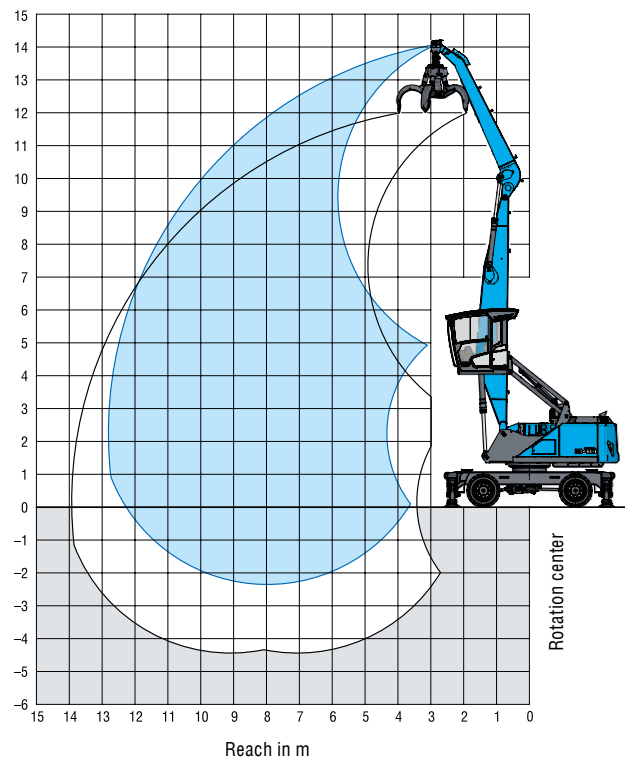
## 12.6 M REACH WITH DIPPERSTICK

Loading equipment	Boom 7.2 m
	Dipperstick 5.1 m
	Cactus grab 0.6 m <sup>3</sup> open

## RECOMMENDED ATTACHMENTS

Fuchs cactus grab 0.4 m <sup>3</sup>	Open or half-closed
Fuchs cactus grab 0.6 m <sup>3</sup>	Open or half-closed
Fuchs cactus grab 0.8 m <sup>3</sup>	Open or half-closed
Fuchs magnetic plate MP 1150	dia = 1150 mm with 13 kW magnet system
Fuchs magnetic plate MP 1350	dia = 1350 mm with 17 kW magnet system
Clamshell grab 1.0 m <sup>3</sup>	Density of materials handled up to 1400 kg/m <sup>3</sup>
Clamshell grab 1.6 m <sup>3</sup>	Density of materials handled up to 800 kg/m <sup>3</sup>
Lift hook	10 t

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	Without stabilizers	(7.2°)					
	With 4-pt stabilizers	7.2° (7.2°)					
12	Without stabilizers		(7.3)	(4.9)			
	With 4-pt stabilizers		7.7° (7.7°)	5.3° (5.3°)			
10.5	Without stabilizers		(7.5)	(5.1)	(3.7)		
	With 4-pt stabilizers		8.8° (8.8°)	7.6° (7.6°)	5.4° (5.4°)		
9	Without stabilizers		(7.5)	(5.2)	(3.8)	(2.8)	
	With 4-pt stabilizers		8.8° (8.8°)	7.5° (7.5°)	5.7 (6.6°)	4.4 (4.4°)	
7.5	Without stabilizers		(7.3)	(5.1)	(3.7)	(2.8)	
	With 4-pt stabilizers		9.0° (9.0°)	7.6° (7.6°)	5.7 (6.6°)	4.4 (5.4)	
6	Without stabilizers		(7.0)	(4.9)	(3.6)	(2.8)	(2.2)
	With 4-pt stabilizers		9.6° (9.6°)	7.5 (7.9°)	5.6 (6.7°)	4.3 (5.4)	3.5 (4.3°)
4.5	Without stabilizers	(10.3)	(6.5)	(4.6)	(3.5)	(2.7)	(2.1)
	With 4-pt stabilizers	14.0° (14.0°)	10.4° (10.4°)	7.2 (8.3°)	5.4 (6.7)	4.2 (5.3)	3.4 (4.3)
3	Without stabilizers	(9.0)	(5.9)	(4.3)	(3.3)	(2.6)	(2.1)
	With 4-pt stabilizers	15.7° (15.7°)	9.7 (11.0°)	6.9 (8.6°)	5.2 (6.5)	4.1 (5.2)	3.4 (4.2)
1.5	Without stabilizers	(6.1°)	(5.5)	(4.0)	(3.1)	(2.5)	(2.0)
	With 4-pt stabilizers	6.1° (6.1°)	9.2 (11.2°)	6.6 (8.4)	5.0 (6.3)	4.0 (5.1)	3.3 (4.2)
0	Without stabilizers	(5.3°)	(5.2)	(3.8)	(3.0)	(2.4)	(2.0)
	With 4-pt stabilizers	5.3° (5.3°)	8.8 (10.6°)	6.3 ( 8.1°)	4.9 (6.2)	3.9 (4.9)	3.3 (3.9°)
-1.5	Without stabilizers		(5.0)	(3.7)	(2.9)	(2.4)	
	With 4-pt stabilizers		8.7 (9.1°)	6.2 (7.3°)	4.8 (5.8°)	3.9 (4.5°)	
		<b>Reach max. 12.8</b>					
2.2	Without stabilizers	(1.8)					
	With 4-pt stabilizers	3.0 (3.3°)					





# WORKING RANGE

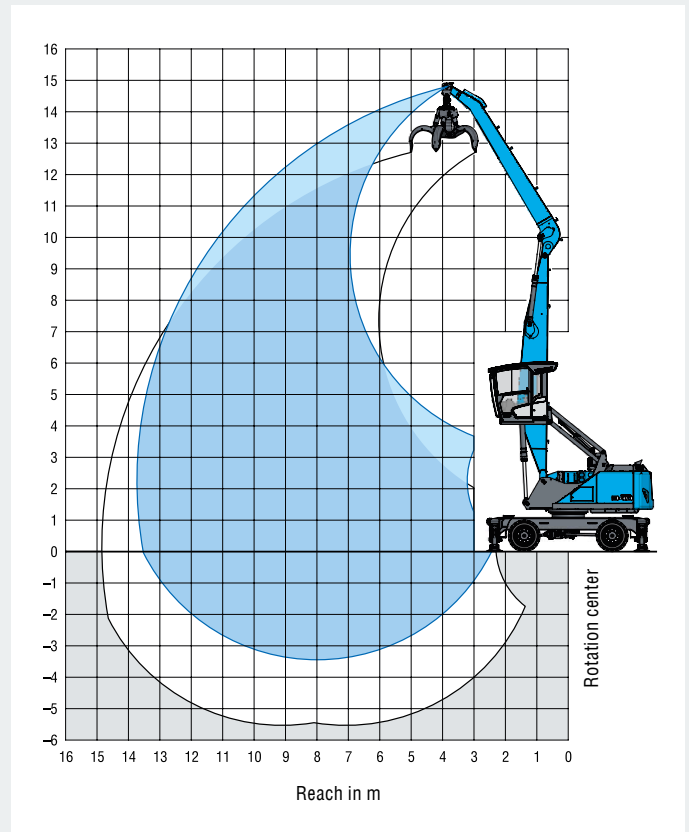
## 13.7 M REACH WITH DIPPERSTICK

Loading equipment	Boom 7.2m
	Dipperstick 6.2m
	Cactus grab 0.6m³ open

## RECOMMENDED ATTACHMENTS

Fuchs cactus grab 0.4m³	Open or half-closed
Fuchs cactus grab 0.6m³	Open or half-closed
Fuchs magnetic plate MP 1150	dia = 1150 mm with 13 kW magnet system
Fuchs magnetic plate MP 1350	dia = 1350 mm with 17 kW magnet system
Clamshell grab 1.0m³	Density of materials handled up to 1400 kg/m³
Lift hook	10 t

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 devise 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

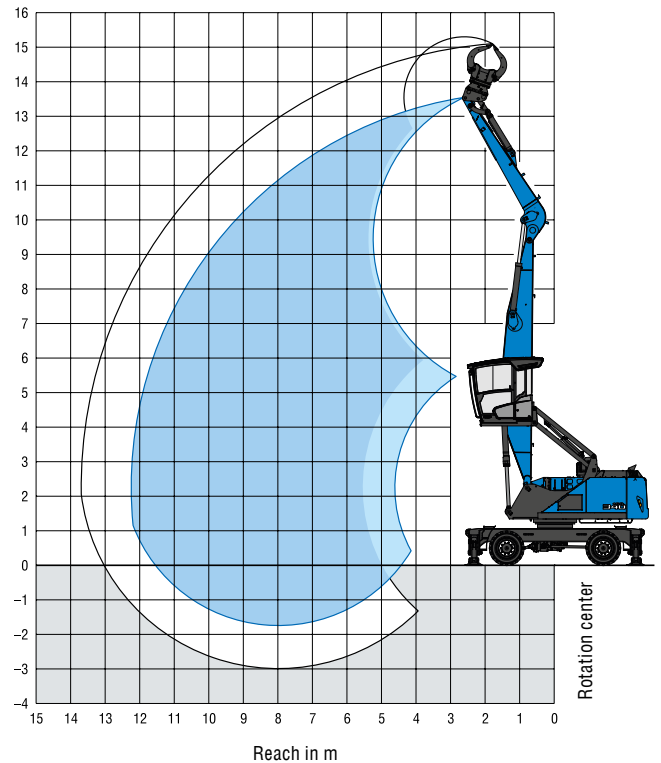
Height [m]	Undercarriage outrigger	Reach [m]						
		4,5	6	7,5	9	10,5	12	13,5
13,5	Without stabilizers		(5,2°)					
	With 4-pt stabilizers		5,2° (5,2°)					
12	Without stabilizers			(5,3)	(3,5°)			
	With 4-pt stabilizers			5,4° (5,4°)	3,5° (3,5°)			
10,5	Without stabilizers			(5,4)	(3,9)	(2,9)		
	With 4-pt stabilizers			6,4° (6,4°)	5,3° (5,3°)	3,2° (3,2°)		
9	Without stabilizers			(5,4)	(3,9)	(2,9)		
	With 4-pt stabilizers			6,8° (6,8°)	5,9 (6,1°)	4,5 (4,9°)		
7,5	Without stabilizers			(5,3)	(3,8)	(2,9)	(2,2)	
	With 4-pt stabilizers			6,9° (6,9°)	5,8 (6,1°)	4,5 (5,5°)	3,5 (3,8°)	
6	Without stabilizers		(7,4)	(5,1)	(3,7)	(2,8)	(2,2)	
	With 4-pt stabilizers		8,6° (8,6°)	7,3° (7,3°)	5,7 (6,3°)	4,4 (5,4)	3,5 (4,3)	
4,5	Without stabilizers		(6,9)	(4,8)	(3,5)	(2,7)	(2,1)	(1,7)
	With 4-pt stabilizers		9,4° (9,4°)	7,4 (7,7°)	5,5 (6,5°)	4,3 (5,3)	3,4 (4,3)	2,4° (2,4°)
3	Without stabilizers	(9,8)	(6,3)	(4,4)	(3,3)	(2,6)	(2,0)	(1,6)
	With 4-pt stabilizers	14,2° (14,2°)	10,1 (10,3°)	7,0 (8,1°)	5,3 (6,6°)	4,1 (5,2)	3,3 (4,2)	2,7 (3,1°)
1,5	Without stabilizers	(8,5)	(5,6)	(4,1)	(3,1)	(2,4)	(1,9)	(1,6)
	With 4-pt stabilizers	15,1 (15,6°)	9,4 (10,9°)	6,6 (8,4°)	5,0 (6,3)	4,0 (5,0)	3,2 (4,1)	2,7 (3,2°)
0	Without stabilizers	(7,6°)	(5,1)	(3,8)	(2,9)	(2,3)	(1,9)	(1,6)
	With 4-pt stabilizers	7,6° (7,6°)	8,8 (10,8°)	6,3 (8,1)	4,8 (6,1)	3,9 (4,9)	3,2 (4,0)	2,7 (2,8°)
-1,5	Without stabilizers	(6,7°)	(4,9)	(3,6)	(2,8)	(2,2)	(1,9)	
	With 4-pt stabilizers	6,7° (6,7°)	8,5 (10,0°)	6,1 (7,8°)	4,7 (6,0)	3,8 (4,8)	3,1 (3,8°)	
-3	Without stabilizers		(4,8)	(3,5)	(2,7)			
	With 4-pt stabilizers		8,4° (8,4°)	6,0 (6,7°)	4,6 (5,3°)			
		<b>Reach max. 13.7</b>						
2,2	Without stabilizers	(1,5)						
	With 4-pt stabilizers	2,4° (2,4°)						

# WORKING RANGE

## 12.2 M REACH WITH MULTI-PURPOSE STICK

Loading equipment	Boom 7.2m
	Multi-purpose stick 4.5 m
	Sorting grab

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]						
		3	4,5	6	7,5	9	10,5	12
12	Without stabilizers		(7,0°)	(5,4°)				
	With 4-pt stabilizers		7,0° (7,0°)	5,4° (5,4°)				
10,5	Without stabilizers			(7,0°)	(5,2)			
	With 4-pt stabilizers			7,0° (7,0°)	5,6° (5,6°)			
9	Without stabilizers			(7,7)	(5,3)	(3,8)		
	With 4-pt stabilizers			7,8° (7,8°)	7,0° (7,0°)	5,3° (5,3°)		
7,5	Without stabilizers			(7,6)	(5,2)	(3,8)	(2,8)	
	With 4-pt stabilizers			8,8° (8,8°)	7,6° (7,6°)	5,9 (6,4°)	4,2° (4,2°)	
6	Without stabilizers		(10,3°)	(7,2)	(5,0)	(3,7)	(2,8)	
	With 4-pt stabilizers		10,3° (10,3°)	9,7° (9,7°)	7,8° (7,8°)	5,8 (6,5°)	4,5 (5,5°)	
4,5	Without stabilizers		(10,5)	(6,7)	(4,7)	(3,5)	(2,7)	(2,1)
	With 4-pt stabilizers		14,4° (14,4°)	10,3° (10,3°)	7,5 (8,1°)	5,6 (6,6°)	4,4 (5,5°)	2,6° (2,6°)
3	Without stabilizers			(6,1)	(4,4)	(3,3)	(2,6)	(2,1)
	With 4-pt stabilizers			10,2 (10,8°)	7,2 (8,3°)	5,4 (6,6°)	4,3 (5,4°)	3,5 (3,7°)
1,5	Without stabilizers			(5,7)	(4,2)	(3,2)	(2,5)	(2,0)
	With 4-pt stabilizers			9,7 (10,7°)	6,9 (8,1°)	5,3 (6,4°)	4,2 (5,1°)	3,4 (3,8°)
0	Without stabilizers		(3,6°)	(5,4)	(4,0)	(3,1)	(2,5)	
	With 4-pt stabilizers		3,6° (3,6°)	9,4 (9,6°)	6,7 (7,5°)	5,2 (5,9°)	4,1 (4,6°)	
-1,5	Without stabilizers			(3,9)	(3,0)			
	With 4-pt stabilizers			6,3° (6,3°)	5,0° (5,0°)			
<b>Reach max. 12.2</b>								
2,2	Without stabilizers							(2)
	With 4-pt stabilizers							2,6° (2,6°)



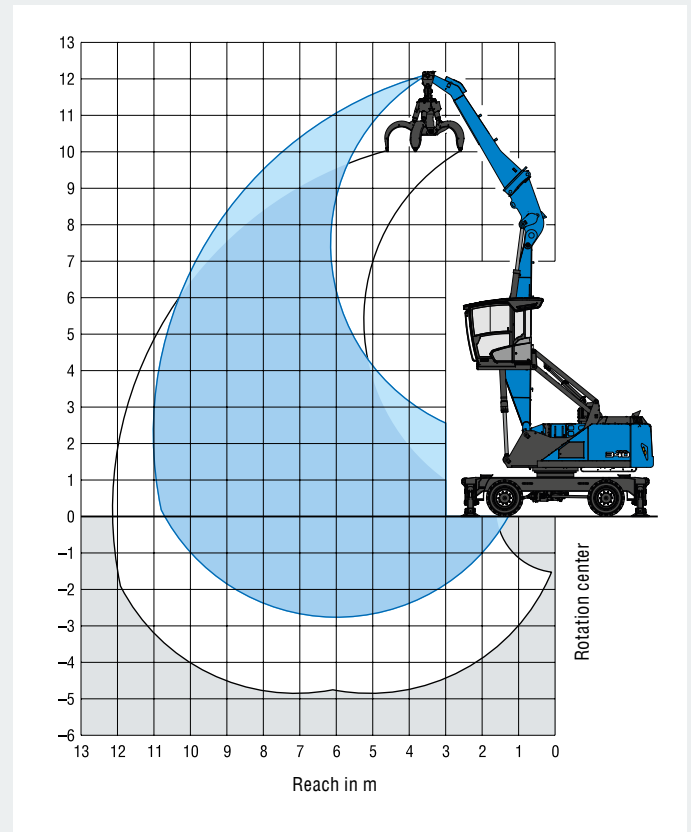


# WORKING RANGE

## 11.0 M REACH WITH DIPPERSTICK

<b>Loading equipment FQC</b>	Boom 5.2 m
	Dipperstick 5.4 m
	Cactus grab 0.6 m <sup>3</sup> open with Fuchs QuickConnect (FQC)

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 devise 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

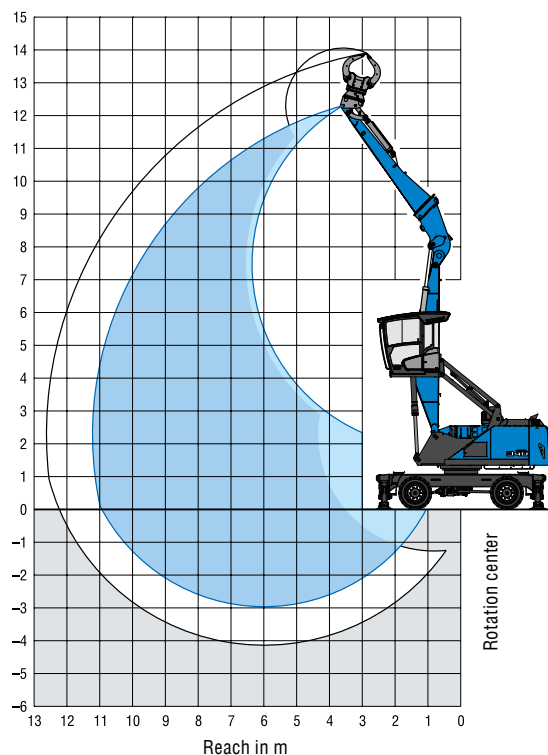
Height [m]	Undercarriage outrigger	Reach [m]					
		3	4,5	6	7,5	9	10,5
10,5	Without stabilizers			(4,1°)			
	With 4-pt stabilizers			4,1° (4,1°)			
9	Without stabilizers			(5,4°)	(4,0°)		
	With 4-pt stabilizers			5,4° (5,4°)	4,0° (4,0°)		
7,5	Without stabilizers				(5,2°)	(3,3°)	
	With 4-pt stabilizers				5,2° (5,2°)	3,3° (3,3°)	
6	Without stabilizers			(6,6°)	(5,4)	(3,8)	
	With 4-pt stabilizers			6,6° (6,6°)	6,0° (6,0°)	4,5° (4,5°)	
4,5	Without stabilizers			(7,6°)	(5,2)	(3,7)	(2,6°)
	With 4-pt stabilizers			7,6° (7,6°)	7,1° (7,1°)	5,5° (5,5°)	2,6° (2,6°)
3	Without stabilizers		(9,7°)	(7,1)	(4,9)	(3,6)	(2,7)
	With 4-pt stabilizers		9,7° (9,7°)	9,9° (9,9°)	7,8 (8,1°)	5,7 (6,5°)	3,4° (3,4°)
1,5	Without stabilizers	(20,7)	(10,2)	(6,5)	(4,6)	(3,4)	(2,6)
	With 4-pt stabilizers	25,3° (25,3°)	15,0° (15,0°)	10,7 (10,7°)	7,4 (8,3°)	5,5 (6,7°)	3,6° (3,6°)
0	Without stabilizers	(7,0°)	(9,2)	(6,0)	(4,3)	(3,3)	(2,6)
	With 4-pt stabilizers	7,0° (7,0°)	15,7° (15,7°)	10,1 (11,0°)	7,1 (8,3°)	5,4 (6,3°)	3,2° (3,2°)
-1,5	Without stabilizers	(6,2°)	(8,7)	(5,7)	(4,1)	(3,2)	
	With 4-pt stabilizers	6,2° (6,2°)	14,3° (14,3°)	9,8 (10,1°)	6,9 (7,5°)	5,3 (5,4°)	
							<b>Reach max. 11.0</b>
2,2	Without stabilizers						(1,8°)
	With 4-pt stabilizers						1,8° (1,8°)

# WORKING RANGE

## 11.2 M REACH WITH MULTI-PURPOSE STICK

Loading equipment FQC	Boom 5.2m
	Multi-purpose stick 5.6m
	Sorting grab
	with Fuchs QuickConnect (FQC)

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]					
		3	4,5	6	7,5	9	10,5
10,5	Without stabilizers			(4,0°)			
	With 4-pt stabilizers			4,0° (4,0°)			
9	Without stabilizers				(3,8°)		
	With 4-pt stabilizers				3,8° (3,8°)		
7,5	Without stabilizers				(4,8°)	(3,2°)	
	With 4-pt stabilizers				4,8° (4,8°)	3,2° (3,2°)	
6	Without stabilizers				(5,2)	(3,6)	(1,5°)
	With 4-pt stabilizers				5,6° (5,6°)	4,3° (4,3°)	1,5° (1,5°)
4,5	Without stabilizers			(6,9°)	(5,0°)	(3,5)	(2,6)
	With 4-pt stabilizers			6,9° (6,9°)	6,5° (6,5°)	5,2° (5,2°)	2,7° (2,7°)
3	Without stabilizers		(8,3°)	(7,0)	(4,7)	(3,4)	(2,5)
	With 4-pt stabilizers		8,3° (8,3°)	9,0° (9,0°)	7,6 (7,6°)	5,5 (6,1°)	3,4° (3,4°)
1,5	Without stabilizers	(20,9)	(10,1)	(6,3)	(4,4)	(3,2)	(2,4)
	With 4-pt stabilizers	24,1° (24,1°)	14,3° (14,3°)	10,3° (10,3°)	7,2 (8,0°)	5,3 (6,4°)	3,7° (3,7°)
0	Without stabilizers	(7,4°)	(9,0)	(5,7)	(4,1)	(3,0)	(2,3)
	With 4-pt stabilizers	7,4° (7,4°)	15,3° (15,3°)	9,9 (10,6°)	6,9 (7,9°)	5,1 (6,1°)	3,4° (3,4°)
-1,5	Without stabilizers	(6,1°)	(8,4)	(5,4)	(3,9)	(2,9)	
	With 4-pt stabilizers	6,1° (6,1°)	14,2° (14,2°)	9,5 (9,9°)	6,7 (7,3°)	5,0 (5,2°)	
<b>Reach max. 11.2</b>							
2,2	Without stabilizers						(1,4°)
	With 4-pt stabilizers						1,4° (1,4°)



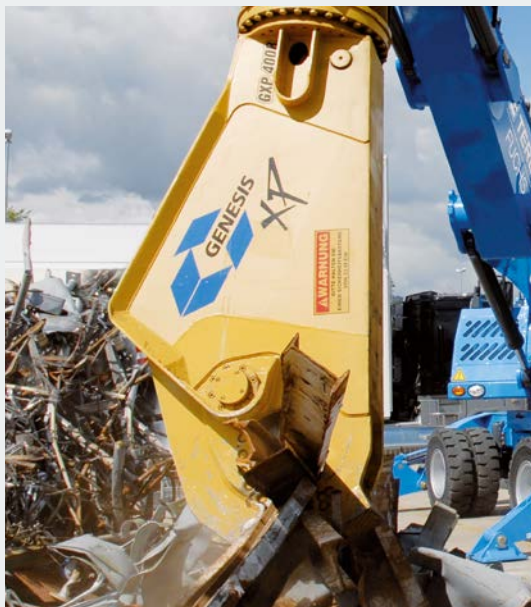
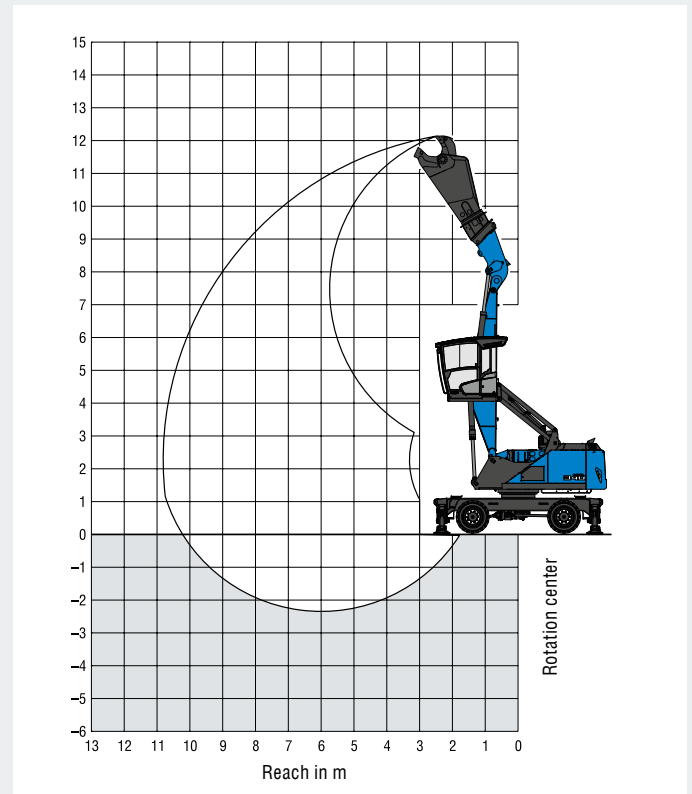
# WORKING RANGE

## WITH SCRAP SHEARS

<b>Loading equipment FQC</b>	Boom 5.2 m Scrap shears GXP 300 with Fuchs QuickConnect (FQC)
<b>Cutting force</b>	5749 kN
<b>Jaw depth</b>	610 mm
<b>Jaw opening</b>	584 mm
<b>Weight*</b>	4 t

\* inkl. quick changing system

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 devise 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.



### The unique FUCHS QuickConnect system

Time is money – and with the FUCHS QuickConnect (FQC) system, you can reduce attachment-change downtime to a fraction of the usual cost. For example, in less than a minute you can switch from a multi-purpose stick / grab combination to a dipperstick with a magnet or scrap shears. Using leak-free quick couplers, attachments can be changed quickly and safely from inside the cab. For the operator, climbing in and out and removing and replacing bolts are now just things of the past.

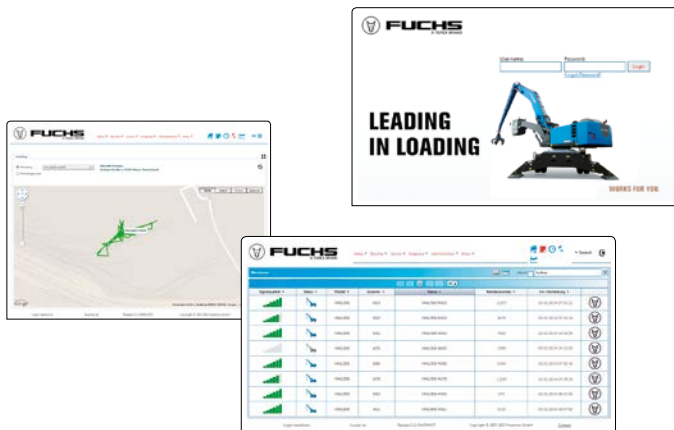


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**Fuchs Telematics System: Recognize and Optimize Potential.**

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The system offers a modern solution to help you analyze and optimize the efficiency of your machines. It records and communicates valuable information on the operating status of each individual machine. Where are the machines? How are they working? Is a service check pending? Take advantage of this advanced software and get a handle on your fleet management with the tool that connects for you.



**ALL-IN-ONE MACHINE MANAGEMENT. EVERYTHING AT A GLANCE: OPERATING DATA, MACHINE STATUS, GPS DATA**

**Record, display, and analyse data: high efficiency through precise information**

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- User-friendly interface: displays information clearly for at a glance metrics and diagnostics. Take action before damage occurs: predetermined maintenance intervals are signaled and error messages are displayed in plain text messages.
- The Fuchs Telematics system is standard and can be optionally retrofitted into existing machines to help control your operating costs and keep your machines in top shape.

\* Internet connection required

