

TECHNICAL DATA

MATERIAL HANDLER | F-SERIES

MHL340



129 kW



up to **31.8t**



up to **13.7 m**



FUCHS
A TEREX BRAND

TECHNICAL DATA

OPERATING WEIGHT WITHOUT ATTACHMENTS

MHL340 E	28.0 t–29.5 t
MHL340 E FQC	28.0 t–31.8 t

DIESEL ENGINE

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

ELECTRICAL SYSTEM

Generator	28 V / 100 A
Operating voltage	24 V
Battery	2 × 12 V / 110 Ah / 760 A (in accordance with EN standards)
Lighting set	2 × H3 headlamps, turn indicators and tail lights
Optional equipment	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	
Maximum speed, 1st gear	5 km/h
Maximum speed, 2nd gear	20 km/h
Gradeability	max. 45 %
Turning radius	8.2 m

SWING DRIVE

Swing gear	Double row, internally geared ball-race slewing ring
Drive	3-stage planetary gear with integrated multi-disc brake
Upper carriage swing speed	Infinitely variable from 0–7 rpm
Swing brake	Electrically operated
Max. swing torque	66 kNm

UNDERCARRIAGE

Front axle	Rigid axle with integral drum brake, planetary drive, max. steering angle: 27°
Rear axle	Oscillating axle with integral drum brake and selectable oscillation lock, planetary drive
Support	4-point stabilizer system
Tires	Solid rubber, 8-ply 10.00–20 for MHL340E, 12.00–20 for MHL340E FQC

BRAKE SYSTEM

Service brake	Hydraulic single-circuit braking system acting on all four wheel pairs
Parking brake	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	
Hydraulic oil filter	Integral return filter in oil tank for work hydraulics, with 3000 operating hrs service interval; oil filtration on all auxiliary circuits
Max. pump flow rate	2 × 330 l/min
Max. operating pressure	320 / 360 bar
Hydraulic oil tank	350 l usable tank capacity

OPERATOR CAB

Elastically supported, infinitely variable hydraulically elevatable with eye level up to 5.40 m above ground; sound-insulated; heat-insulating glass panoramic windows for optimum view field; windshield with pull-down sunblind that slides under the cab roof; viewing window on cab roof; sliding window in cab door; height and tilt-adjustable steering column.	
Heating	Infinitely variable heating with 3-speed fan, 6 adjustable defroster nozzles (hot water system)
Operator's seat	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 and seat cushion multi-adjustable relative to position of armrests and pilot control units, allowing fatigue-free operation
Monitoring	Ergonomic layout; glare resistant instrumentation. Multi-function 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 controls/ engine power reduction. Diagnosis of individual sensors available via the multi-function display. Rear view camera
Air conditioning	with automatic temperature control and climatized storage compartment
Noise level	L _{W(A)} = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC

OFFICIAL APPROVALS

Certified in accordance with CE regulations



EQUIPMENT

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	●	

CAB	Standard	Option
Cab elevation system	●	
3-layer glass with protection film	●	
Hinged windscreen	●	
Sliding window in cab door	●	
Glazed roof panel	●	
Hinged roof opening	●	
Armoured glass (windscreen and roof panel)		●
Armoured glass (windscreen and roof panel) MHL340 E FQC	●	
Windscreen washer system	●	
Washer system installed underneath windscreen		●
Air-cushioned operator seat with headrest, seatbelt, and lumbar support	●	
Seat heating with integrated a/c function		●
Tilting and adjustable steering column	●	
Automatic air conditioning system	●	
Independent heating system		●
Multi-function display	●	
Document clip	●	
Protective grilles to front and roof		●
12V transformer		●
Radio CD player		●
12V power outlet		●
Fire extinguisher, dry powder		●
Rotating beacon		●

UPPERCARRIAGE	Standard	Option
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	●	
Reversing alarm		●
Electric refuelling pump		●
Lighting protection		●
Special paint		●

UPPERCARRIAGE	Standard	Option
Quick-drain valve for		
Hydraulic oil tank	●	
Diesel tank	●	
Engine oil pan	●	

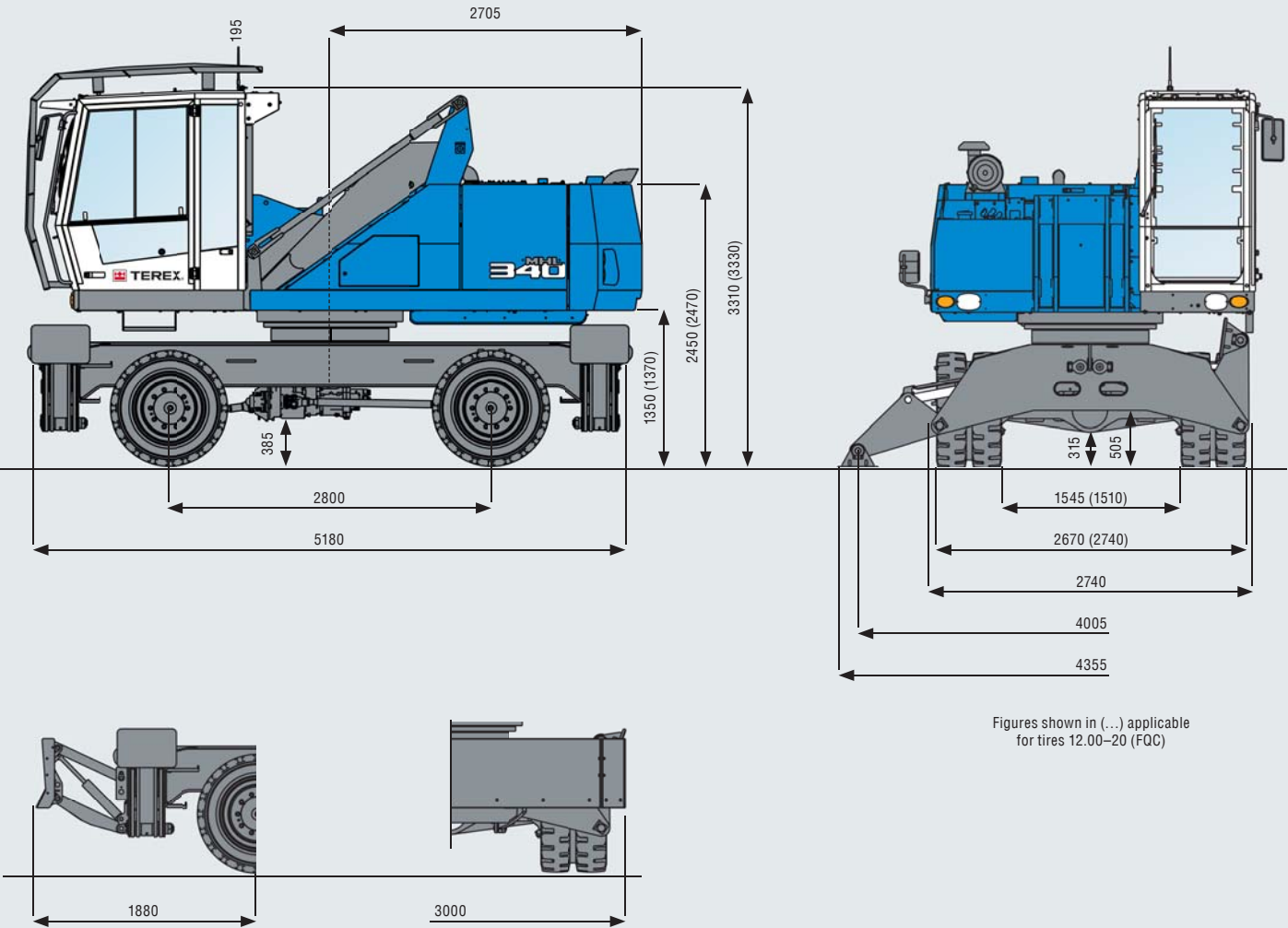
UNDERCARRIAGE	Standard	Option
4-wheel differential drive	●	
Drum brakes	●	
Rear axle oscillating lock	●	
2-speed manual transmission	●	
2-speed powershift transmission		●
4-point stabilizers	●	
Stabilizer cylinders with integrated two-way check valves	●	
Piston rod protection on stabilizer cylinders	●	
Stabilizer plates 350 × 500	●	
4-point stabilizers, individually controllable		●
Dozer blade with plastic or Hardox edge (in addition to 4-point stabilizers)		●
Tool box	●	
Special paint		●

EQUIPMENT	Standard	Option
13 kW DC generator with controls and insulation monitoring		●
17 kW DC generator with controls and insulation monitoring		●
Close proximity range limiter for dipper stick	●	
Coolant and hydraulic oil level monitoring system	●	
Filter system for attachments		●
Filter system for attachments MHL340 E FQC	●	
Hose rupture valves for lift cylinder		●
Hose rupture valves for dipperstick cylinder		●
Overload warning device		●
Quick coupling on dipperstick	●	
Cut-off ball valve on dipperstick		●
Dipperstick impact protection		●
Cyclonic pre-separator for air-filter		●
Hydraulic oil preheating		●
Float switch		●
Joystick steering		●
Central lubrication system for grab suspension lubrication	●	
H3 headlamps	●	
H3 worklights on boom and dipperstick (up to 4)		●
Xenon worklights on boom and dipperstick (up to 4)		●
Front-mounted Xenon worklights (up to 2)		●
Xenon worklights on cab roof (up to 4)		●

Further optional equipment available on request!

DIMENSIONS

All dimensions in mm



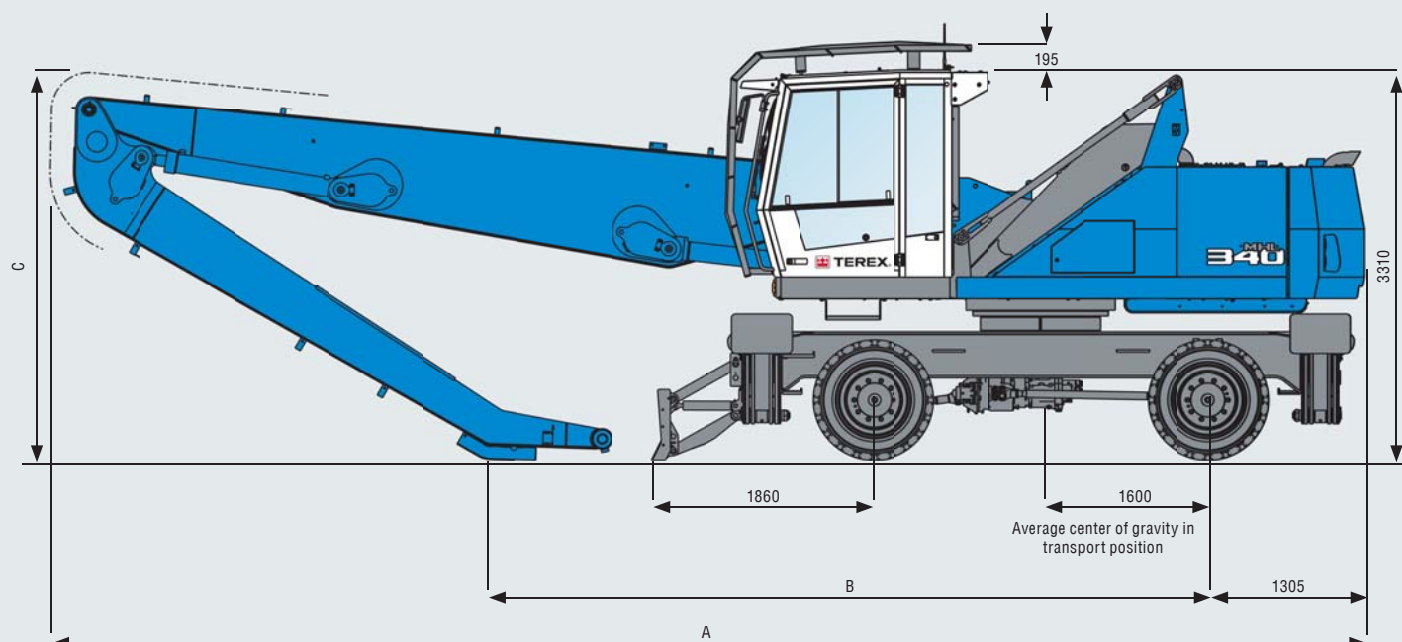
Figures shown in (...) applicable for tires 12.00-20 (FQC)



TRANSPORT DIMENSIONS

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

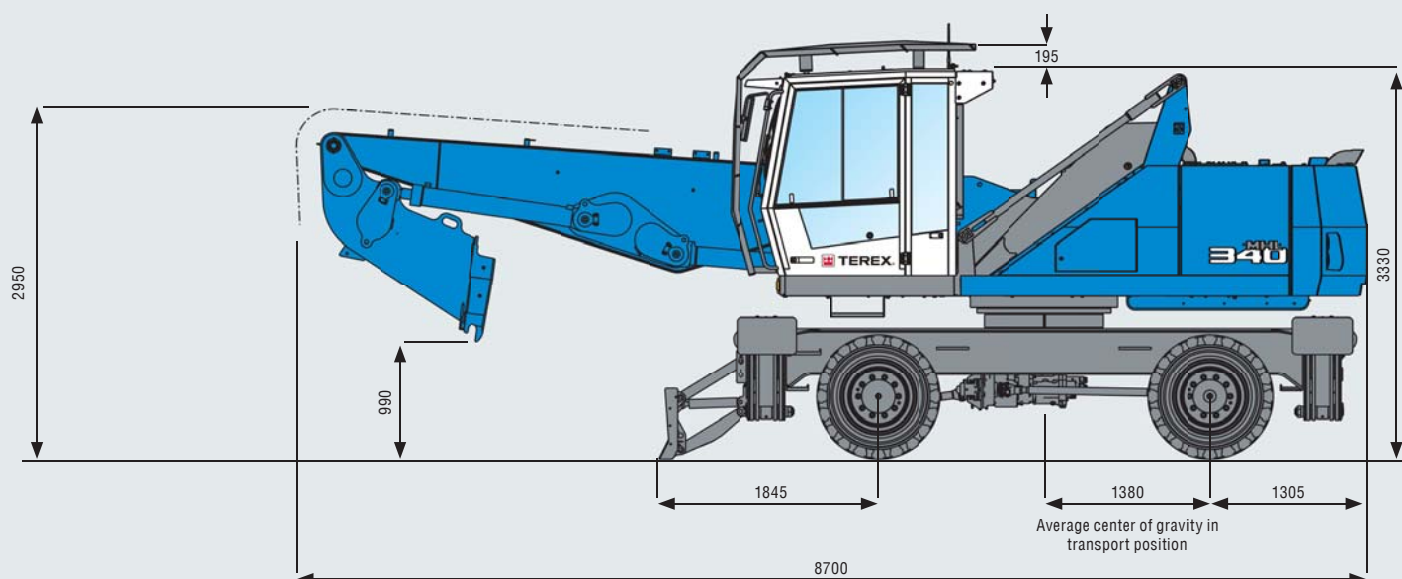
All dimensions in mm



Dimensions	Reach 12.2 m (multi-purpose stick)	Reach 12.6 m	Reach 13.7 m
A	10,340 mm	11,000 mm	10,980 mm
B	6,020 mm	5,820 mm	5,045 mm
C	2,760 mm	2,940 mm	3,770 mm

TRANSPORT DIMENSIONS MHL340 FQC

All dimensions in mm



WORKING RANGE

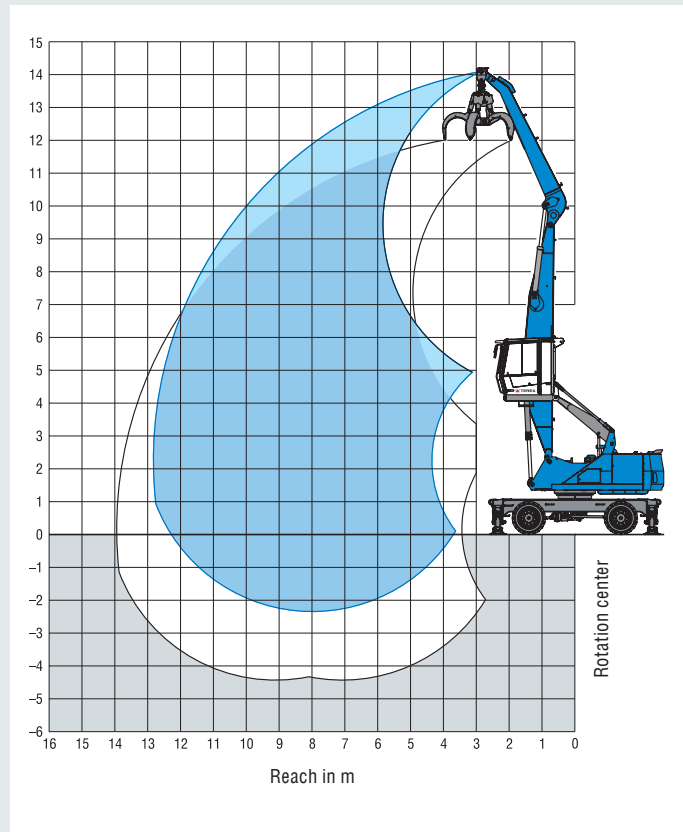
12.6 M REACH WITH DIPPERSTICK

Loading equipment	Boom 7.2 m
	Dipperstick 5.1 m
	Cactus grab 0.6 m³ open

RECOMMENDED ATTACHMENTS

Fuchs cactus grab 0.4 m³	Open or half-closed
Fuchs cactus grab 0.6 m³	Open or half-closed
Fuchs cactus grab 0.8 m³	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 m³	Density of materials handled up to 1400 kg/m³
Clamshell grab 1.6 m³	Density of materials handled up to 800 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 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	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°)	
Reach max. 12.8							
2.2	Without stabilizers						(1.8)
	With 4-pt stabilizers						3.0 (3.3°)



WORKING RANGE

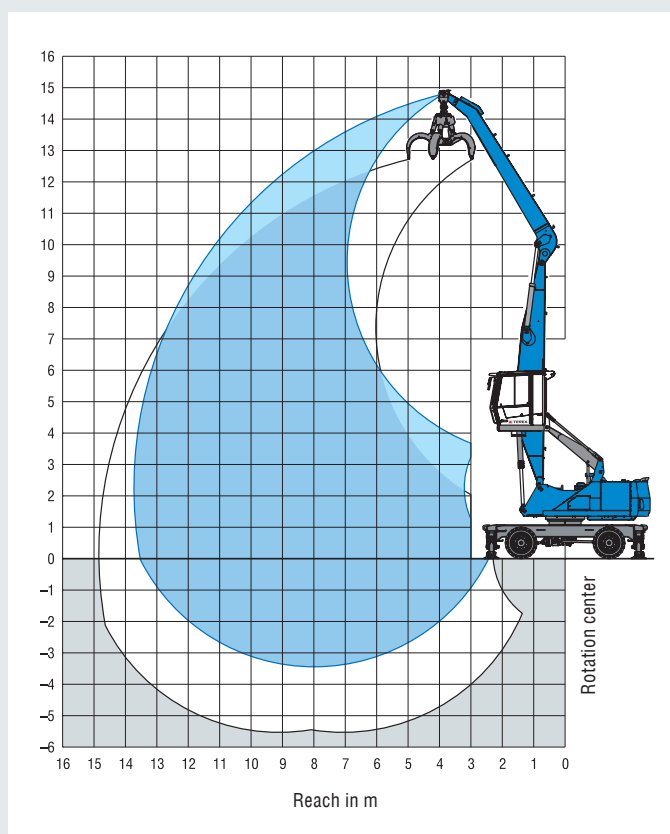
13.7 M REACH WITH DIPPERSTICK

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

RECOMMENDED ATTACHMENTS

Fuchs cactus grab 0.4 m³	Open or half-closed
Fuchs cactus grab 0.6 m³	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 m³	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 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
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		(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°)		
-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°)
Reach max. 13.7								
2.2	Without stabilizers							(1.5)
	With 4-pt stabilizers							2.4° (2.4°)

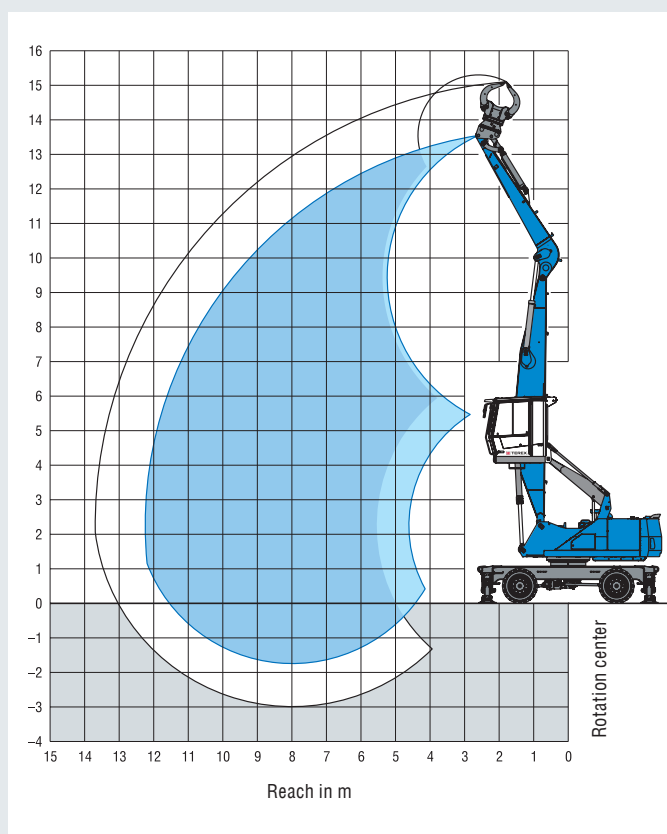
WORKING RANGE

12.2 M REACH WITH MULTI-PURPOSE STICK

Loading equipment

Boom 7.2 m
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]					
		4.5	6	7.5	9	10.5	12
12	Without stabilizers		(6.5°)				
	With 4-pt stabilizers		6.5° (6.5°)				
10.5	Without stabilizers		(7.1)	(4.7)			
	With 4-pt stabilizers		8.4° (8.4°)	6.7° (6.7°)			
9	Without stabilizers		(7.1)	(4.8)	(3.4)		
	With 4-pt stabilizers		9.0° (9.0°)	7.5 (7.5°)	5.4 (6.4°)		
7.5	Without stabilizers		(6.9)	(4.7)	(3.4)	(2.5)	
	With 4-pt stabilizers		9.2° (9.2°)	7.4 (7.6°)	5.3 (6.5°)	4.0 (5.1°)	
6	Without stabilizers	(10.6)	(6.5)	(4.5)	(3.3)	(2.4)	
	With 4-pt stabilizers	12.3° (12.3°)	9.7° (9.7°)	7.1 (7.8°)	5.2 (6.5°)	4.0 (5.0)	
4.5	Without stabilizers	(9.5)	(6.0)	(4.2)	(3.1)	(2.4)	(1.8)
	With 4-pt stabilizers	14.4° (14.4°)	9.8 (10.3°)	6.8 (8.1°)	5.0 (6.4)	3.9 (4.9)	3.1 (3.2°)
3	Without stabilizers		(5.4)	(3.9)	(2.9)	(2.3)	(1.8)
	With 4-pt stabilizers		9.1 (10.8°)	6.4 (8.2°)	4.8 (6.2)	3.8 (4.8)	3.1 (3.9)
1.5	Without stabilizers		(4.9)	(3.6)	(2.7)	(2.2)	(1.7)
	With 4-pt stabilizers		8.6 (10.6°)	6.1 (7.9)	4.7 (6.0)	3.7 (4.7)	3.0 (3.7)
0	Without stabilizers	(4.1°)	(4.6)	(3.4)	(2.6)	(2.1)	
	With 4-pt stabilizers	4.1° (4.1°)	8.3 (9.5°)	5.9 (7.4°)	4.5 (5.8)	3.6 (4.6°)	
-1.5	Without stabilizers			(3.3)	(2.6)		
	With 4-pt stabilizers			5.8 (6.3°)	4.5 (5.9°)		
Reach max. 12.2							
2.2	Without stabilizers						(1.7)
	With 4-pt stabilizers						2.9 (3.2)



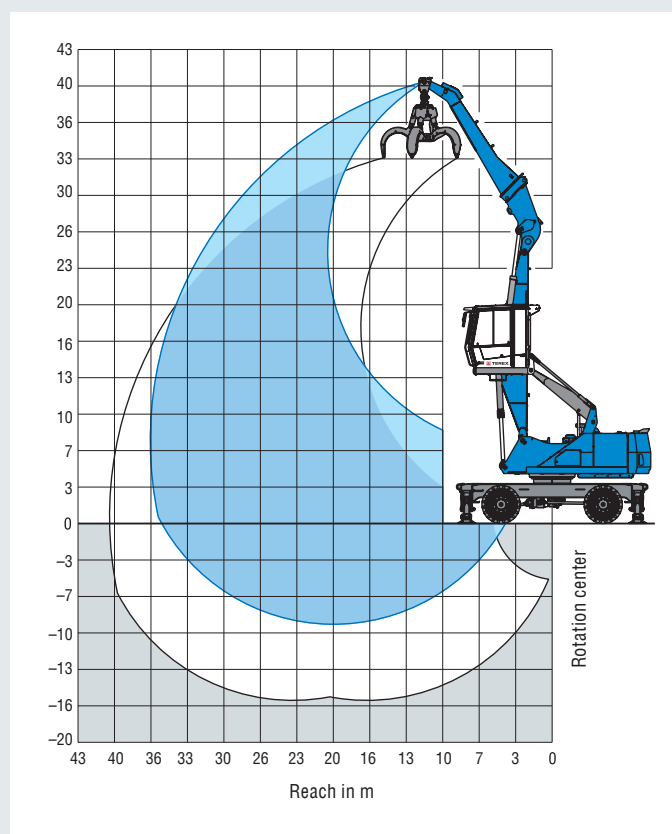
WORKING RANGE

11.0 M REACH WITH DIPPERSTICK

Loading equipment FQC

Boom 5.2 m
Dipperstick 5.4 m
Cactus grab 0.6 m³ 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 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			(5.0°)			
	With 4-pt stabilizers			5.0° (5.0°)			
9	Without stabilizers			(6.6°)	(4.9°)		
	With 4-pt stabilizers			6.6° (6.6°)	4.9° (4.9°)		
7.5	Without stabilizers			(7.7)	(5.2)	(3.7)	
	With 4-pt stabilizers			8.0° (8.0°)	6.3° (6.3°)	4.0° (4.0°)	
6	Without stabilizers			(7.3)	(5.0)	(3.6)	(2.6)
	With 4-pt stabilizers			9.0° (9.0°)	7.7° (7.7°)	5.7 (6.7°)	3.3° (3.3°)
4.5	Without stabilizers		(11.1)	(6.8)	(4.7)	(3.4)	(2.6)
	With 4-pt stabilizers		11.8° (11.8°)	10.0° (10.0°)	7.5 (8.1°)	5.5 (6.8°)	4.2° (4.2°)
1.5	Without stabilizers	(19.6)	(9.7)	(6.2)	(4.3)	(3.2)	(2.5)
	With 4-pt stabilizers	25.5° (25.5°)	15.1° (15.1°)	10.3 (10.9°)	7.1 (8.5°)	5.3 (6.7°)	4.1 (5.2°)
0	Without stabilizers	(7.7°)	(8.7)	(5.7)	(4.1)	(3.1)	(2.5)
	With 4-pt stabilizers	7.7° (7.7°)	15.8° (15.8°)	9.6 (11.0°)	6.8 (8.3°)	5.1 (6.4°)	3.9° (3.9°)
-1.5	Without stabilizers	(7.0°)	(8.2)	(5.4)	(3.9)	(3.0)	
	With 4-pt stabilizers	7.0° (7.0°)	14.3° (14.3°)	9.3 (10.1°)	6.6 (7.5°)	5.1 (5.4°)	
Reach max. 11.0							
2.3	Without stabilizers						(2.3°)
	With 4-pt stabilizers						2.3° (2.3°)

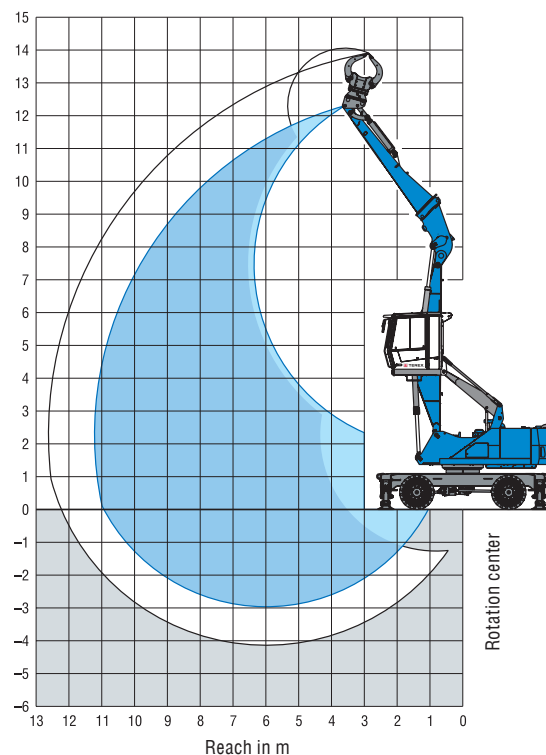
WORKING RANGE

11.2 M REACH WITH MULTI-PURPOSE STICK

Loading equipment FQC

Boom 5.2 m
Multi-purpose stick 5.6 m
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			(5.0°)			
	With 4-pt stabilizers			5.0° (5.0°)			
9	Without stabilizers				(4.8°)		
	With 4-pt stabilizers				4.8° (4.8°)		
7.5	Without stabilizers				(5.1)	(3.5)	
	With 4-pt stabilizers				5.9° (5.9°)	4.0° (4.0°)	
6	Without stabilizers				(5.0)	(3.5)	(2.0°)
	With 4-pt stabilizers				6.8° (6.8°)	5.3° (5.3°)	2.0° (2.0°)
4.5	Without stabilizers			(7.2)	(4.8)	(3.4)	(2.5)
	With 4-pt stabilizers			8.4° (8.4°)	7.3° (7.3°)	5.5 (6.3°)	3.4 (3.4°)
3	Without stabilizers		(10.2°)	(6.7)	(4.5)	(3.2)	(2.4)
	With 4-pt stabilizers		10.2° (10.2°)	9.4° (9.4°)	7.3 (7.7°)	5.3 (6.4°)	4.0 (4.2°)
1.5	Without stabilizers	(20.0)	(9.7)	(6.0)	(4.2)	(3.0)	(2.3)
	With 4-pt stabilizers	24.3° (24.3°)	14.4° (14.4°)	10.1 (10.3°)	7.0 (8.0°)	5.1 (6.4°)	3.9 (4.6°)
0	Without stabilizers	(8.1°)	(8.5)	(5.5)	(3.9)	(2.9)	(2.2)
	With 4-pt stabilizers	8.1° (8.1°)	15.4° (15.4°)	9.5 (10.6°)	6.6 (8.0°)	4.9 (6.1°)	3.9 (4.2°)
-1.5	Without stabilizers	(6.8°)	(7.9)	(5.1)	(3.7)	(2.7)	
	With 4-pt stabilizers	6.8° (6.8°)	14.2° (14.2°)	9.1 (9.9°)	6.4 (7.3°)	4.8 (5.3°)	
Reach max. 11.2							
2.3	Without stabilizers						(1.9°)
	With 4-pt stabilizers						1.9° (1.9°)

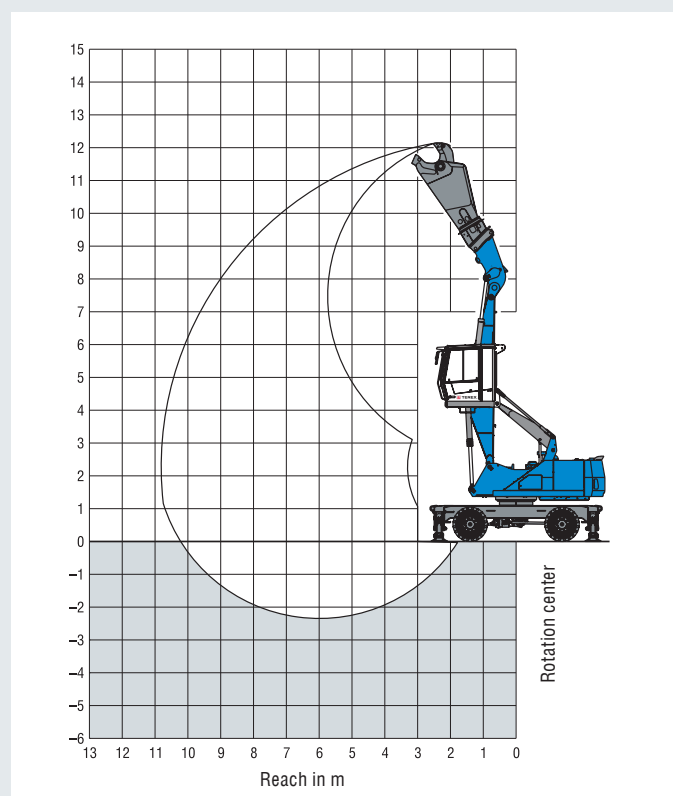


WORKING RANGE

WITH SCRAP SHEARS

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



The unique FUCHS QuickConnect system

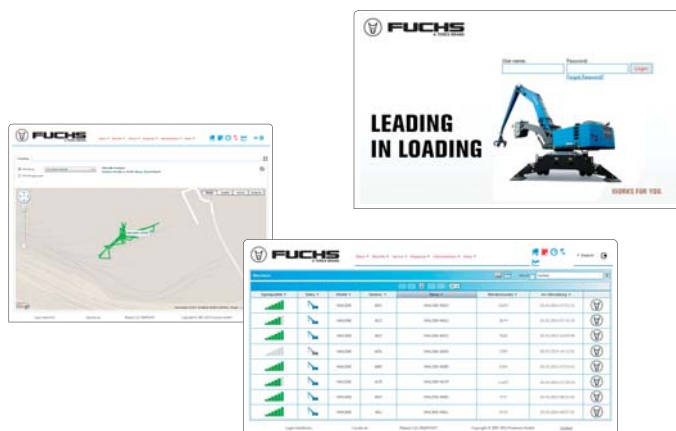
Time is money – and with the FUCHS QuickConnect (FQC) system, you can reduce attachment-change downtime to a fraction of the usual cost. For example, in less than a minute you can switch from a multi-purpose stick / grab combination to a dipperstick with a magnet or scrap shears. Using leak-free quick 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.

GET A HANDLE ON FLEET MANAGEMENT.

Fuchs Telematics System: Recognize and Optimize Potential.

The Fuchs Telematics system: know exactly how and where everything is running.

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**

- Available online anywhere and at any time*: comprehensive information on the GPS location, start and stop times, fuel consumption, operating hours, maintenance status, and much more.
- 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 optionally available or can be retrofitted into existing machines to help control your operating costs and keep your machines in top shape.

* Internet connection required

