

TECHNICAL DATA

TIMBER HANDLING MACHINES



FUCHS[®]

A TEREX BRAND

MHL334 F



115 kW



22–27 t



up to 11 m

Page

04

MHL354 F



160 kW



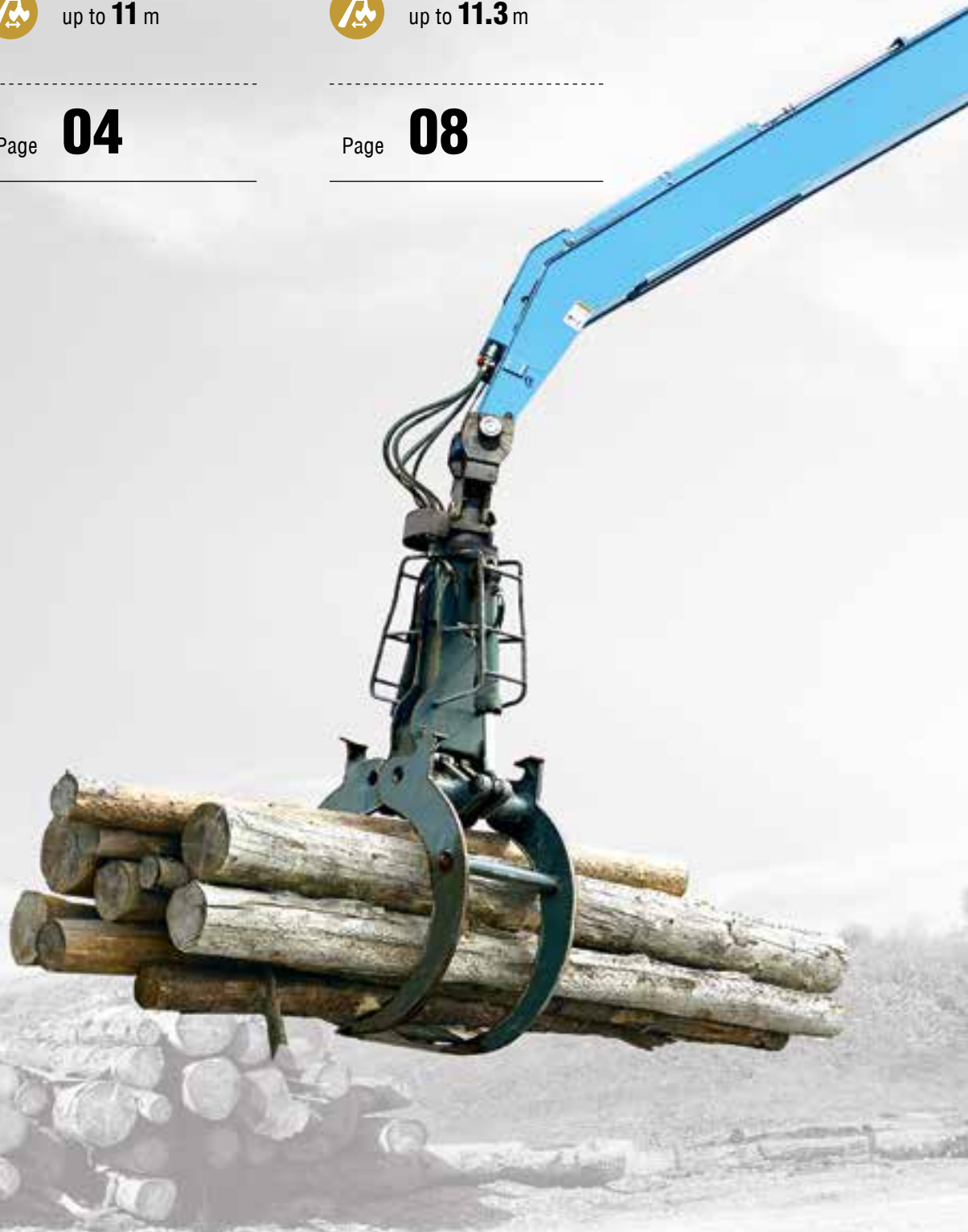
32–36.8 t



up to 11.3 m

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MHL364 F

 190 kW


 45–51 t

 up to 12.1 m

Page **12**

MHL350 F HD

 160 kW

 35.8–39.6 t

 up to 16 m

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MHL334

TECHNICAL DATA

SERVICE WEIGHT WITHOUT ATTACHMENT

MHL334 F	22–27 t
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DIESEL ENGINES

Manufacturer and model	Deutz TCD 4.1 L4
Design	4-cylinder in-line engine
Control	EMR IV
Method of operation	4-cycle diesel, common rail open-combustion-chamber injection, turbocharger with charge cooler
Engine power	115 kW
Rated speed	2000 min ⁻¹
Displacement	4.1 l
Cooling system	Water and charge air cooling with temperature controlled fan speed
Exhaust gas standard	EPA Tier 4 interim / EU Stage IIIB
Air filter type	Two-stage filter with safety valve
Useable tank capacity	300 l

ELECTRICAL SYSTEM

Generator	28 V / 100 A
Operating voltage	24 V
Battery	2 × 12 V / 110 Ah / 750 A (according to EN)
Lighting system	2 × LED headlamps, turn indicators and tail lights
Optional equipment	11 kW or 13 kW generator with controls and insulation monitoring

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

Max. Delivery rate	380 l/min
Operating pressure	320 / 360 bar
Hydraulic fluid tank	305 l
Hydraulic oil tank	320 l usable tank capacity

BRAKES

Service brake	Hydraulically activated single circuit brake system that works on all four pairs of wheels
Parking brake	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles

TRANSMISSION

Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, two-speed shift gear, 4-wheel drive

Travel speed	1st gear: max. 6 km/h 2nd gear: max. 20km/h
Max. traction force	1st gear: 135 kN 2nd gear: 35 kN
Turning radius	5.7 m

SLEWING GEAR

Slew ring	Internally geared, double-row ball turning ring
Drive	2-stage planetary gear with integrated multi-disc brake
Uppercarriage swing speed	0–7.5 min ⁻¹ variable
Rotating interlock	electrically activated
Max. pivoting moment	49 kNm

UNDERCARRIAGE

Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 29°
Rear axle	Planetary drive axle with integrated drum brake, selfaligning bearing with automatic oscillating lock, max. steering angle 29°
Stabilization	Support blade with integrated cylinder protection on side of oscillating axle
Tires	Pneumatic tires, 8-fold 10.00-20

OPERATOR'S CAB

Cab	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. 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 – 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	LW(A) = 104 dB(A) (guaranteed) in accordance with directive 2000/14/EC

OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



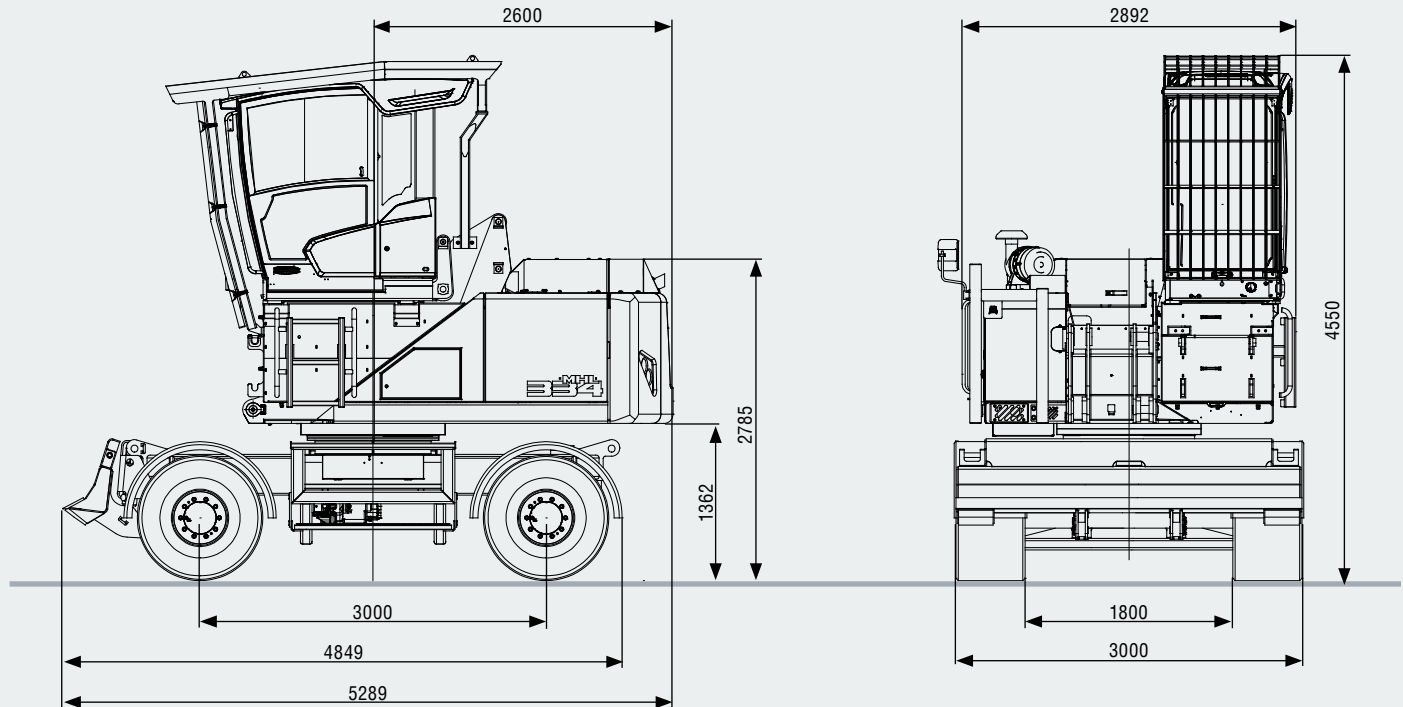
EQUIPMENT

ENGINE	Standard	Option	CAB	Standard	Option
Charge air cooling	●		3-layer glass with protection film	●	
Direct electronic fuel injection/common rail	●		Sliding window in cab door	●	
Automatic idle	●		Glazed roof panel	●	
Engine preheating		●	Reinforced glass (windscreen and roof panel)		●
Engine diagnostics interface	●		Windshield washer system	●	
System-controlled fan drive with fan speed monitoring	●		Roof washer system		●
UNDERCARRIAGE			Air-cushioned operator seat with headrest, seatbelt, and lumbar support	●	
Support blade on side of oscillating axle; integrated cylinder protection	●		Seat heating with integrated A/C function		●
All-wheel drive	●		Joystick steering	●	
Rear axle oscillating lock	●		Steering column, height and tilt adjustable		●
Special paint		●	Automatic air conditioning system	●	
Drum brakes	●		Independent heating system		●
Toolbox, small	●		Multi-function display	●	
Toolbox, large		●	Document clip	●	
Access	●		Protective grilles to front and roof		●
Fenders	●		12V transformer		●
Additional support blade		●	Radio USB & Bluetooth	●	
UPPERCARRIAGE			12V socket	●	
Separate cooling systems (combi-cooler for engine and hydraulic oil cooler)	●		Fire extinguisher, dry powder		●
Cooling system fan speeds controlled by operating parameters	●		EQUIPMENT		
Fan drive reversing function	●		Close proximity range limiter for dipperstick	●	
Lockable maintenance hatches, with gas struts	●		Coolant and hydraulic oil level monitoring system	●	
Automatic central lubrication system	●		Filter system for attachments		●
Rear view camera	●		Hose rupture valve for boom cylinder		●
Side view camera	●		Hose rupture valve for stick cylinder		●
Travel alarm		●	Overload and work area control		●
Electric refuelling pump		●	Overload warning device		●
Lighting protection		●	Quick coupling on dipperstick		●
Special paint (customer paint work)		●	Dipperstick impact protection		●
			Active cyclone prefilter (TOP AIR)		●
			Hydraulic oil preheating 230 V		●
			Lubrication of the grab suspension by central lubrication system	●	
			Light packages LED		●
			LED front headlights	●	
			Fuchs Telematics System	●	

Further optional equipment available on request!

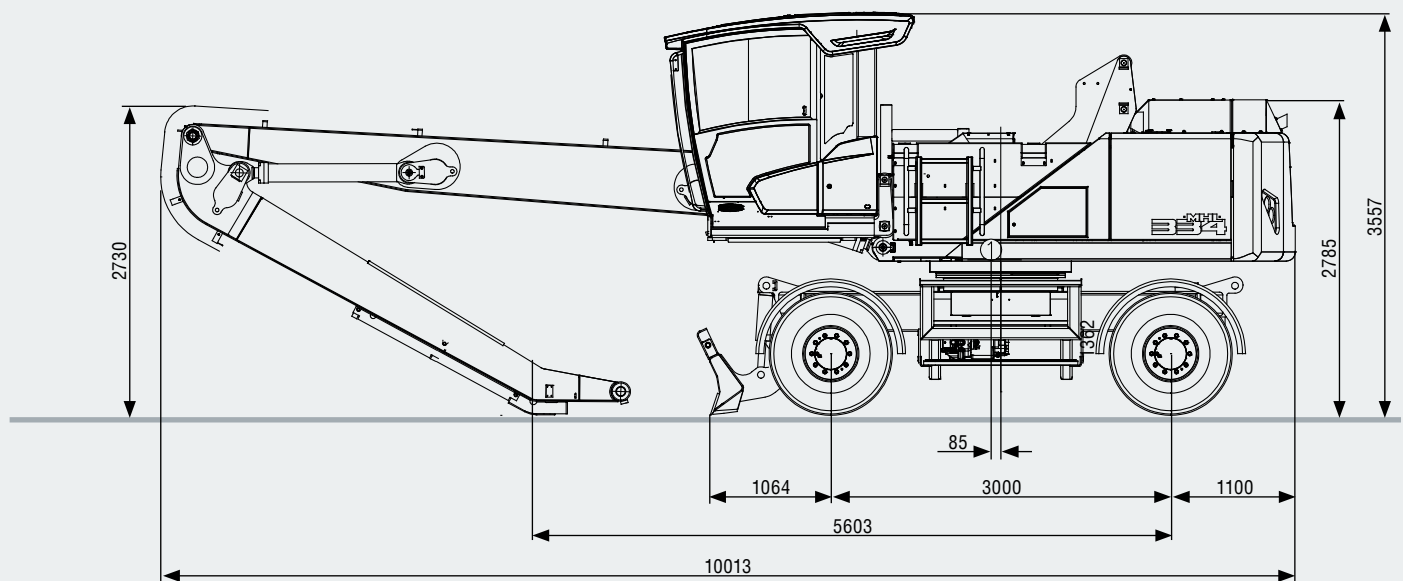
DIMENSIONS MHL334

All dimensions in mm



TRANSPORT DIMENSIONS MHL334

All dimensions in mm





WORKING RANGE MHL334

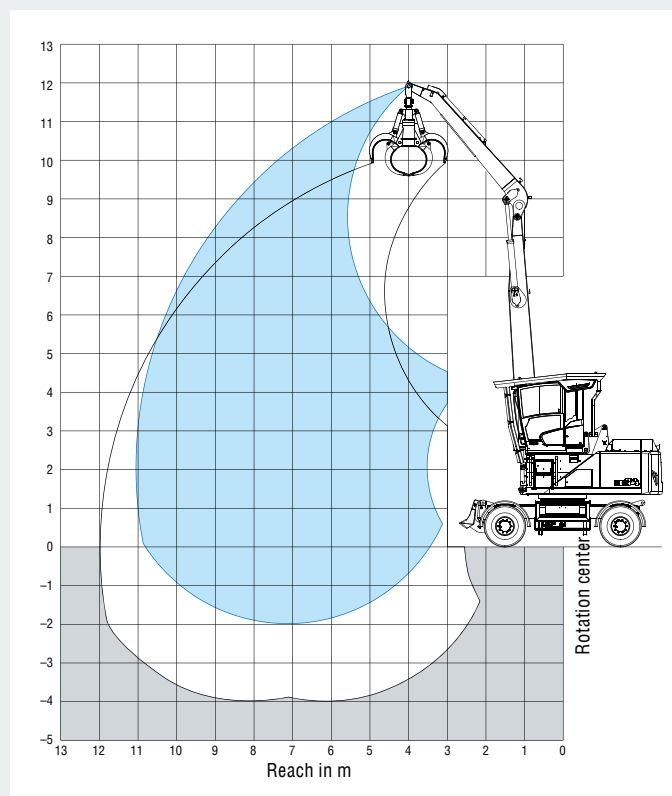
REACH 11.0 M WITH DIPPER STICK

Loading equipment	Boom 6.5 m
	Dipper stick 4.4 m
	Multi-tine grapple

RECOMMENDED ATTACHMENTS

Grab size	0.8–1.7 m ²
	Depending on mission requirements

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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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 MHL334

Height [m]	Undercarriage outrigger	Reach [m]					
		3.0	4.5	6	7.5	9	10.5
10.5	not supported			5.7° (5.7°) (5.7°)**			
9	not supported			6.1 (6.3°) (6.3°)**	4.3 (5.3) (5.6)**		
7.5	not supported			6.1 (6.4°) (6.4°)**	4.3 (5.3) (5.6)**	3.2 (3.9) (4.2)**	
6	not supported			5.9 (6.8°) (6.8°)**	4.2 (5.2) (5.5)**	3.2 (3.9) (4.2)**	
4.5	not supported	13.4° (13.4°) (13.4°)**	8.7 (9.6°) (9.6°)**	5.6 (7.0) (7.5)**	4.0 (5.0) (5.3)**	3.1 (3.8) (4.1)**	2.4 (3.0) (3.2)**
3	not supported		7.9 (10.2) (10.9)**	5.3 (6.7) (7.1)**	3.9 (4.8) (5.1)**	3.0 (3.7) (4.0)**	2.4 (3.0) (3.2)**
1.5	not supported		7.2 (9.5) (9.8°)**	5.0 (6.3) (6.7)**	3.7 (4.6) (5.0)**	2.9 (3.6) (3.9)**	2.3 (2.9) (3.1)**
0	not supported		6.9 (7.0°) (7.0°)**	4.7 (6.1) (6.5)**	3.5 (4.5) (4.8)**	2.8 (3.5) (3.8)**	2.3 (2.9) (3.1)**
-1.5	not supported			4.6 (6.0) (6.4)**	3.5 (4.4) (4.7)**	2.8 (3.5) (3.7)**	
							Max. reach 11.05 m
2.06	not supported						2.2 (2.7) (2.9)**

MHL354

TECHNICAL DATA

SERVICE WEIGHT WITHOUT ATTACHMENT

MHL354 F	32–36.8t
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DIESEL ENGINES

	Stage IV / EPA Tier 4 final	COM III / EPA Tier III
Manufacturer & model	Deutz TCD 6.1 L6	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 automatic regenerationcat	4-stroke diesel, common rail direct injection, turbo-charger with charge air cooling
Power	160 kW	148 kW
Nominal speed	2,000 rpm	2,000 rpm
Displacement	6,057 cm ³	7,200 cm ³
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 final	COM III and EPA Tier III
Air filtration	Two-stage filter with safety cartridge and pre-separator with discharge valve	Two-stage filter with safety valve
Fuel tank	315 l Diesel	315 l
DEF tank	32 l Ad Blue	—

ELECTRICAL SYSTEM

Alternator	28 V / 100 A
Voltage	24 V
Batteries	2 × 12 V / 110 Ah / 750 A (in accordance with EN)
Lights	2 × H3 headlamps, turn indicators and tail lights
Optional	13 kW or 20 kW DC generator with controls and insulation monitoring, driven by V-belt direct from diesel engine

HYDRAULIC SYSTEM

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

Cooling system	Separated cooler with fan speed control system; optional reversing function
Hydraulic oil filter	Integral return filter in oil tank for work hydraulics, with 3,000 operating hours service interval
Max. pump flow	2 × 330 l/min
Max. pressure	320 / 360 bar
Hydraulic tank	454 l usable tank capacity

BRAKES

Service brake	Hydraulically activated single circuit brake system that works on all four pairs of wheels
Parking brake	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles

TRANSMISSION

Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, two-speed shift gear, 4-wheel drive

Travel speed	1st gear: max. 6 km/h 2nd gear: max. 20km/h
Max. traction force	1st gear: 135 kN 2nd gear: 35 kN
Turning radius	5.7 m

SLEWING GEAR

Slewing ring	Internally toothed double-row ball ring gear
Drive	3-stage planetary gear with integrated multi-disc brake
Swing speed	Infinitely variable from 0–7 rpm
Swing brake	Electrically operated
Swing torque	80 kNm

UNDERCARRIAGE

Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 29°
Rear axle	Planetary drive axle with integrated drum brake, selfaligning bearing with automatic oscillating lock, max. steering angle 29°
Stabilization	Support blade with integrated cylinder protection on side of oscillating axle
Tires	Pneumatic tires, 8-fold 10.00-20

OPERATOR'S CAB

Cab	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.
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 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.
Monitoring	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.
Sound levels	LW(A) = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC; max allowable under 2000/14 EC = 104 dB(A)

OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



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	Standard	Option
Support blade on side of oscillating axle; integrated cylinder protection	●	
All-wheel drive	●	
Rear axle oscillating lock	●	
Special paint		●
Drum brakes	●	
Toolbox, small	●	
Toolbox, large		●
Access	●	
Fenders	●	
Additional support blade		●

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	●	
Side view camera	●	
Travel alarm		●
Electric refuelling pump		●
Lighting protection		●
Special paint (customer paint work)		●
Cyclone prefilter		●

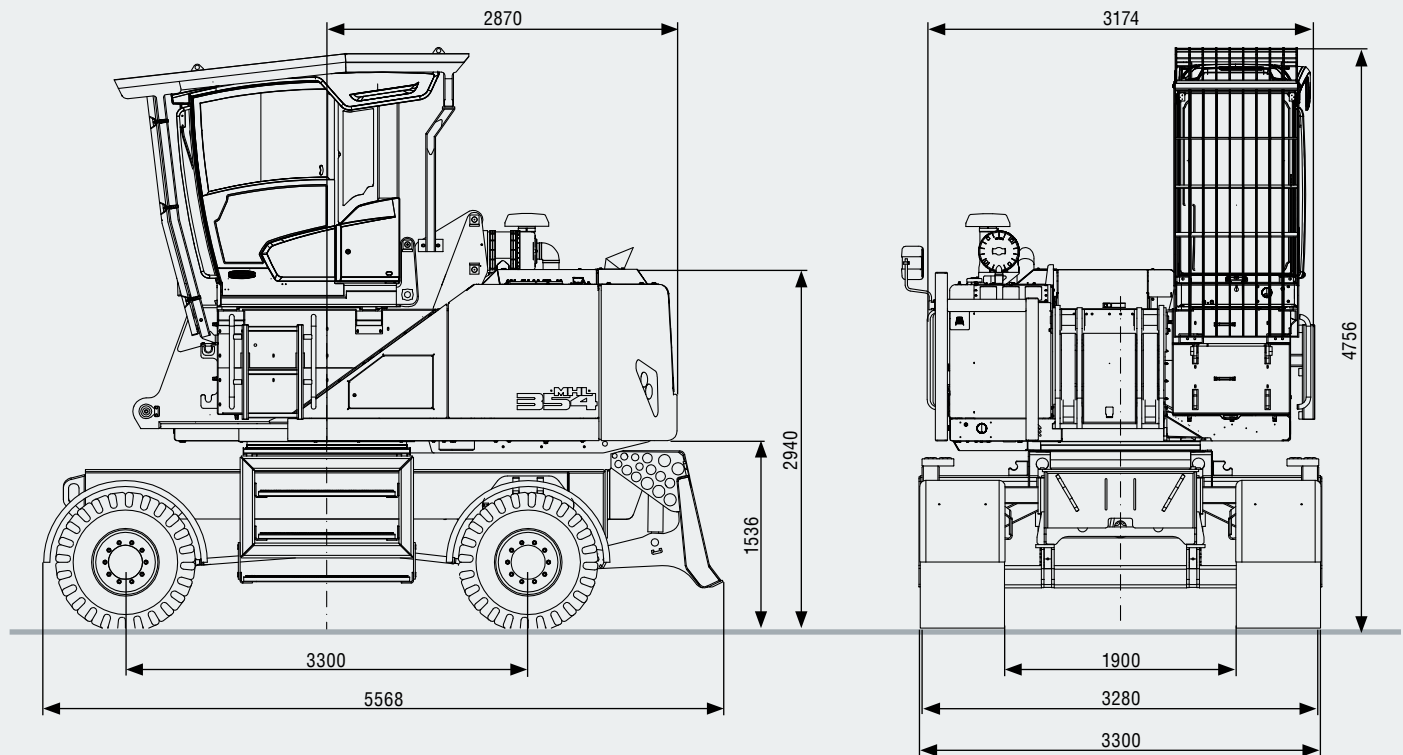
CAB	Standard	Option
3-layer glass with protection film	●	
Sliding window in cab door	●	
Glazed roof panel	●	
Reinforced glass (windscreen and roof panel)		●
Windshield washer system	●	
Roof washer system		●
Air-cushioned operator seat with headrest, seatbelt, and lumbar support	●	
Seat heating with integrated 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	Standard	Option
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!

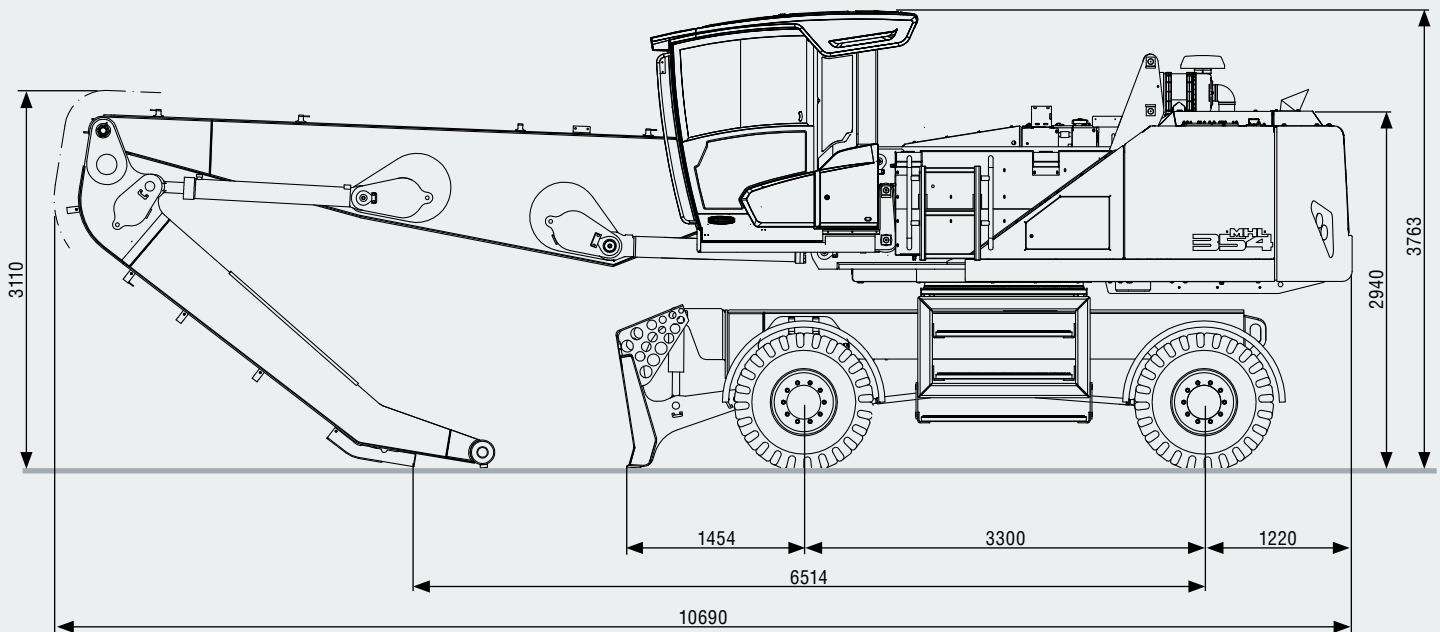
DIMENSIONS MHL354

All dimensions in mm



TRANSPORT DIMENSIONS MHL354

All dimensions in mm





WORKING RANGE MHL354

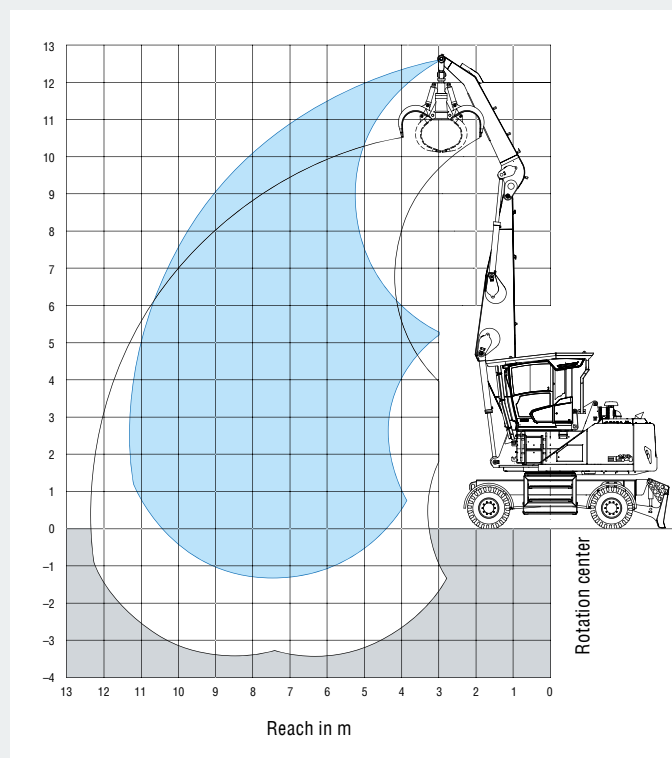
REACH 11.3 M WITH DIPPER STICK

Loading equipment	Boom 6.4 m
	Dipper stick 4.1 m
	Multi-tine grapple

RECOMMENDED ATTACHMENTS

Grab size	1.75–2.5 m ²
	Depending on mission requirements

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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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 MHL354

Height [m]	Undercarriage outrigger	Reach [m]					
		3.0	4.5	6	7.5	9	10.5
12	not supported		8.7° (8.7°) (8.7°)**				
10.5	not supported			8.6 (9.3°) (9.3°)**			
9	not supported			8.7 (10.8) (10.9°)**	6.1 (7.5) (8.3)**		
7.5	not supported			8.6 (10.7) (11.1°)**	6.1 (7.5) (8.2)**	4.5 (5.6) (6.2)**	
6	not supported		13.0 (14.8°) (14.8°)**	8.3 (10.4) (11.4°)**	5.9 (7.3) (8.1)**	4.5 (5.5) (6.1)**	3.5 (4.3) (4.8)**
4.5	not supported		12.0 (15.7) (17.2°)**	7.9 (9.9) (10.9°)**	5.7 (7.1) (7.8)**	4.4 (5.4) (6.0)**	3.5 (4.3) (4.8)**
3	not supported		11.0 (13.2°) (13.2°)**	7.4 (9.4) (10.4°)**	5.4 (6.8) (7.6°)**	4.2 (5.3) (5.9°)**	3.4 (4.2) (4.7°)**
1.5	not supported		6.2° (6.2°) (6.2°)**	7.0 (9.0) (10.0°)**	5.2 (6.6) (7.4°)**	4.1 (5.1) (5.7°)**	3.3 (4.2) (4.7°)**
0	not supported		6.7° (6.7°) (6.7°)**	6.9 (8.8) (9.8°)**	5.1 (6.5) (7.2°)**	4.0 (5.1) (5.7°)**	
		Max. reach 11.3 m					
2.53	not supported						3.1 (3.8) (4.3)**

MHL364

TECHNICAL DATA

SERVICE WEIGHT WITHOUT ATTACHMENT

MHL364 F	45–51 t
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DIESEL ENGINES

	Stage IV / EPA Tier 4 final	COM III / EPA Tier 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 rpm	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	COM III / EPA Tier 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 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

HYDRAULIC SYSTEM

BOSCH-REXROTH mobile hydraulic system with load limit control and fuel-saving power demand control; closed swing circuit; hose rupture valves with regeneration on the lift and stick cylinders for fuel-efficient work

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

TRANSMISSION

Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, 4-wheel drive

Travel speed	0–20 km/h
Max. traction force	120 kN
Turning radius	6.5 m

SLEWING GEAR

Slewing ring	Internally toothed double-row ball ring gear
Drive	3-stage planetary gear with integrated multi-disc brake
Swing speed	0–6 rpm infinitely variable
Swing brake	Electrically operated
Swing torque	max. 91 kNm

UNDERCARRIAGE

Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 27°
Rear axle	Planetary drive axle with integrated drum brake, self-aligning bearing with automatic oscillating lock
Stabilization	Support blade with integrated cylinder protection on side of oscillating axle
Tires	Pneumatic tires, 8-fold 14.00-24

BRAKES

Service brake	Hydraulic single-circuit braking system acting on all four wheel pairs
Parking brake	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles

OPERATOR'S CAB

Cab	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. 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 – diesel particulate filter load), visual and audible warning indication with shut-down of pilot controls/engine power reduction. Diagnosis of individual sensors possible via the multifunction display. Rear view camera and side view camera.
Sound levels	LW(A) = 104 dB(A) (guaranteed) in accordance with directive 2000/14/EC

OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



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	●	

UNDERCARRIAGE

Support blade on side of oscillating axle; integrated cylinder protection	●	
All-wheel drive	●	
Rear axle oscillating lock	●	
Special paint		●
Drum brakes	●	
Toolbox, small	●	
Toolbox, large		●
Access	●	
Fenders	●	
Additional support blade		●

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
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		●

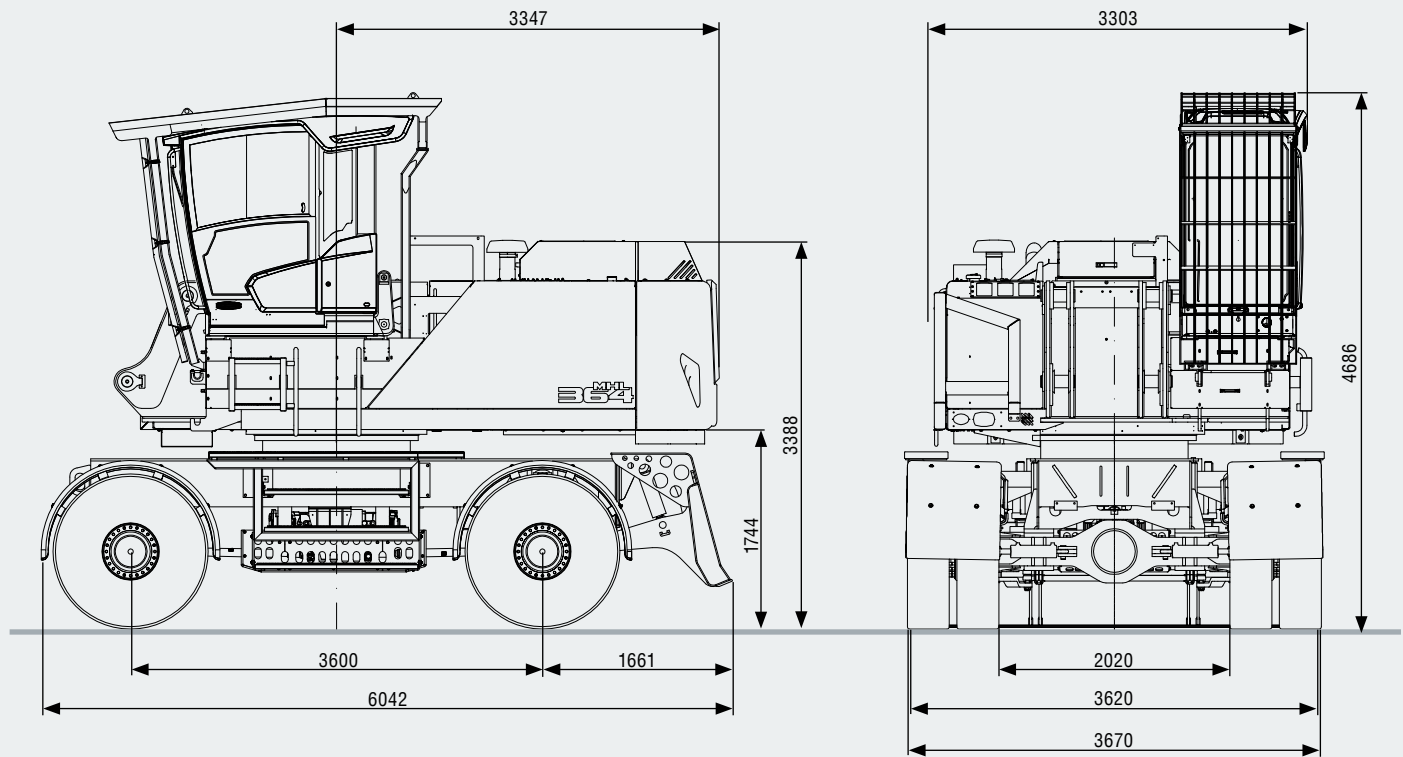
EQUIPMENT

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		●

Further optional equipment available on request!

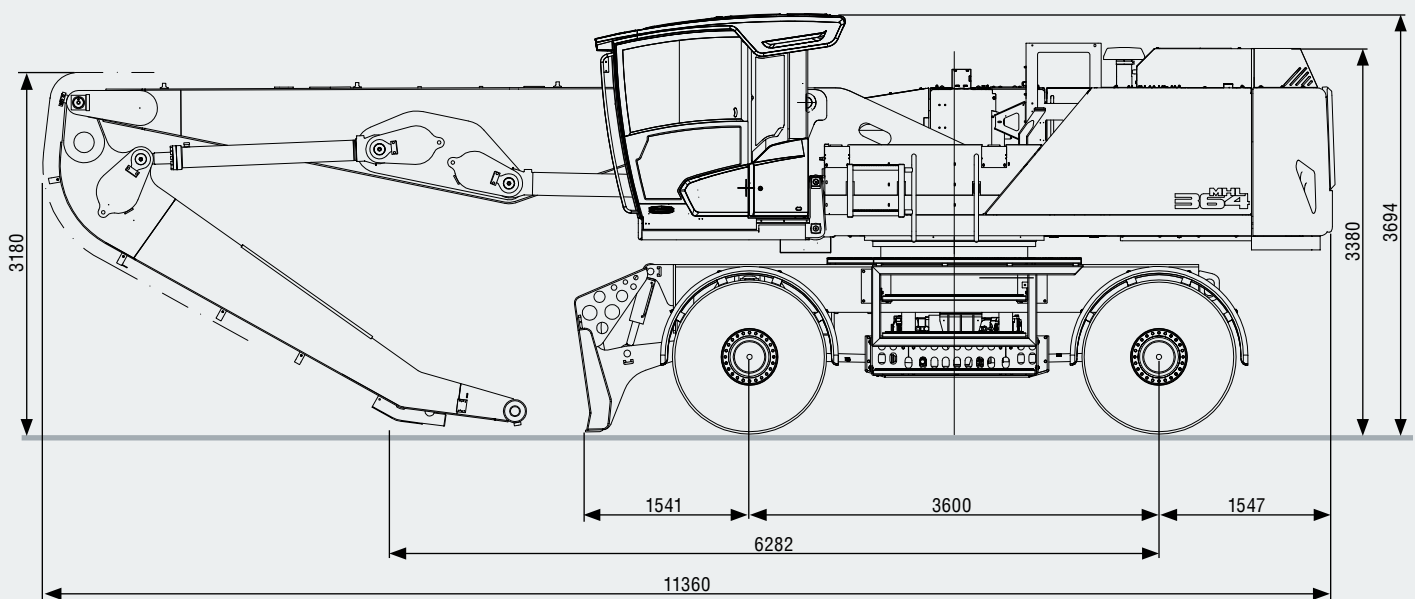
DIMENSIONS MHL364

All dimensions in mm



TRANSPORT DIMENSIONS MHL364

All dimensions in mm





WORKING RANGE MHL364

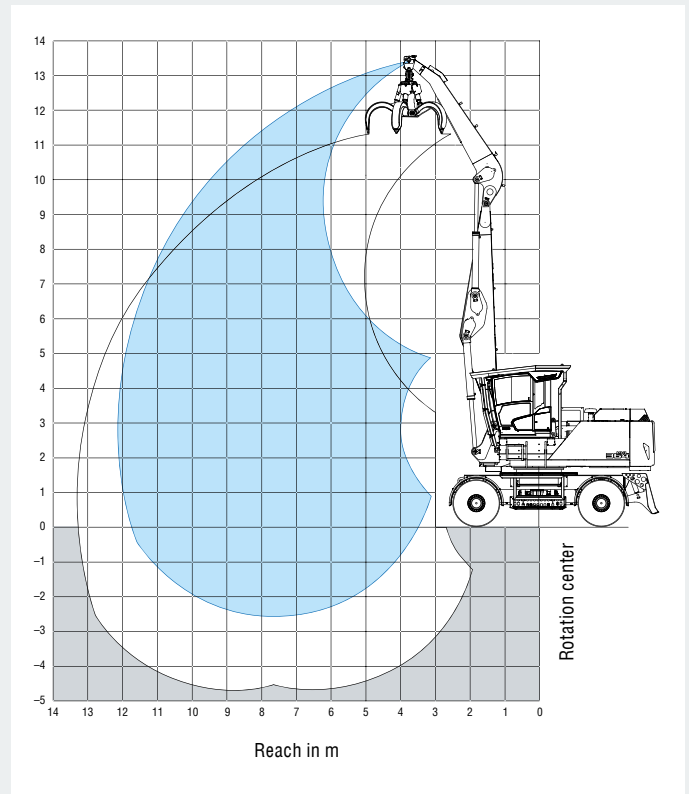
REACH 12.1 M WITH DIPPER STICK

Loading equipment	Boom 6.4 m
	Dipper stick 4.7 m
	Multi-tine grapple

RECOMMENDED ATTACHMENTS

Grab size	2.0–3.2m ²
	Depending on mission requirements

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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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 MHL364

Height [m]	Undercarriage outrigger	Reach [m]					
		4,5	6	7,5	9	10,5	12
12	not supported		13,1° (13,1°) (13,1°)**				
10,5	not supported			11,2 (13,1°) (13,1°)**			
9	not supported			11,2 (13,0°) (13,0°)**	8,5 (10,3) (11,3)**		
7,5	not supported		15,4 (15,4°) (15,4°)**	11,1 (13,2°) (13,2°)**	8,4 (10,3) (11,2)**	6,7 (8,1) (8,9)**	
6	not supported		15,1 (16,8°) (16,8°)**	10,8 (13,3) (13,9)**	8,3 (10,1) (11,1)**	6,6 (8,0) (8,8)**	
4,5	not supported	22,1 (26,3) (26,3)**	14,4 (18,1) (18,8)**	10,5 (12,9) (14,1)**	8,1 (9,9) (10,8)**	6,5 (7,9) (8,7)**	
3	not supported	20,3 (22,8) (22,8°)**	13,6 (17,2) (18,9°)**	10,0 (12,5) (13,7°)**	7,8 (9,7) (10,6°)**	6,4 (7,8) (8,6°)**	5,3 (6,5) (7,1°)**
1,5	not supported	10,8 (10,8) (10,8°)**	13,0 (16,6°) (18,2°)**	9,7 (12,1) (13,3°)**	7,6 (9,4) (10,4°)**	6,3 (7,7) (8,5°)**	5,3 (6,4) (7,0°)**
0	not supported	11,4 (11,4) (11,4°)**	12,7 (16,3) (17,9°)**	9,5 (11,9) (13,1°)**	7,5 (9,3) (10,3°)**	6,2 (7,6) (8,4°)**	
-1,5	not supported		12,7 (16,0°) (16,0°)**	9,4 (11,8) (12,6°)**	7,5 (9,3) (9,8°)**	6,2 (6,9) (6,9°)**	
							Max. reach 12,12 m
2,9	not supported						5,2 (6,4) (6,4°)**

MHL350 HD

TECHNICAL DATA

SERVICE WEIGHT WITHOUT ATTACHMENT

MHL350 F HD 35.8–39.6 t

DIESEL ENGINES

	Stage IV / EPA Tier 4 final	COM III / EPA Tier III
Manufacturer & model	Deutz TCD 6.1 L6	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 automatic regenerationcat	4-stroke diesel, common rail direct injection, turbo-charger with charge air cooling
Power	160 kW	148 kW
Nominal speed	2,000 rpm	2,000 rpm
Displacement	6,057 cm ³	7,200 cm ³
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 final	COM III and EPA Tier III
Air filtration	Two-stage filter with safety cartridge and pre-separator with discharge valve	Two-stage filter with safety valve
Fuel tank	315 l Diesel	315 l
DEF tank	32 l Ad Blue	—

ELECTRICAL SYSTEM

Alternator	28 V / 100 A
Voltage	24 V
Batteries	2 × 12 V / 110 Ah / 750 A (in accordance with EN)
Lights	2 × H3 headlamps, turn indicators and tail lights
Optional	13 kW or 20 kW DC generator with controls and insulation monitoring, driven by V-belt direct from diesel engine

HYDRAULIC SYSTEM

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

Cooling system	Separated cooler with fan speed control system; optional reversing function
Hydraulic oil filter	Integral return filter in oil tank for work hydraulics, with 3,000 operating hours service interval
Max. pump flow	2 × 330 l/min
Max. pressure	320 / 360 bar
Hydraulic tank	454 l usable tank capacity

BRAKES

Service brake	Hydraulically activated single circuit brake system that works on all four pairs of wheels
Parking brake	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles

TRANSMISSION

Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, two-speed shift gear, 4-wheel drive

Travel speed	1st gear: max. 6 km/h 2nd gear: max. 20km/h
Max. traction force	1st gear: 135 kN 2nd gear: 35 kN
Turning radius	5.7 m

SLEWING GEAR

Slewing ring	Internally toothed double-row ball ring gear
Drive	3-stage planetary gear with integrated multi-disc brake
Swing speed	Infinitely variable from 0–7 rpm
Swing brake	Electrically operated
Swing torque	80 kNm

UNDERCARRIAGE

Front axle	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 29°
Rear axle	Planetary drive axle with integrated drum brake, selfaligning bearing with automatic oscillating lock, max. steering angle 29°
Stabilization	Support blade with integrated cylinder protection on side of oscillating axle
Tires	Pneumatic tires, 8-fold 10.00-20

OPERATOR'S CAB

Cab	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.
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 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.
Monitoring	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.
Sound levels	LW(A) = 101 dB(A) (guaranteed) in accordance with directive 2000/14 EC; max allowable under 2000/14 EC = 104 dB(A)

OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



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	●	
All wheel drive with differential	●	
2-speed manual transmission	●	
2-speed powershift transmission		●
4-point outriggers	●	
4-point outriggers, individually controllable		●
Rear axle oscillating lock	●	
Drum brakes	●	
Plastic or HARDOX scraper bars		●
Toolbox		●
Access	●	

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	●	
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		●

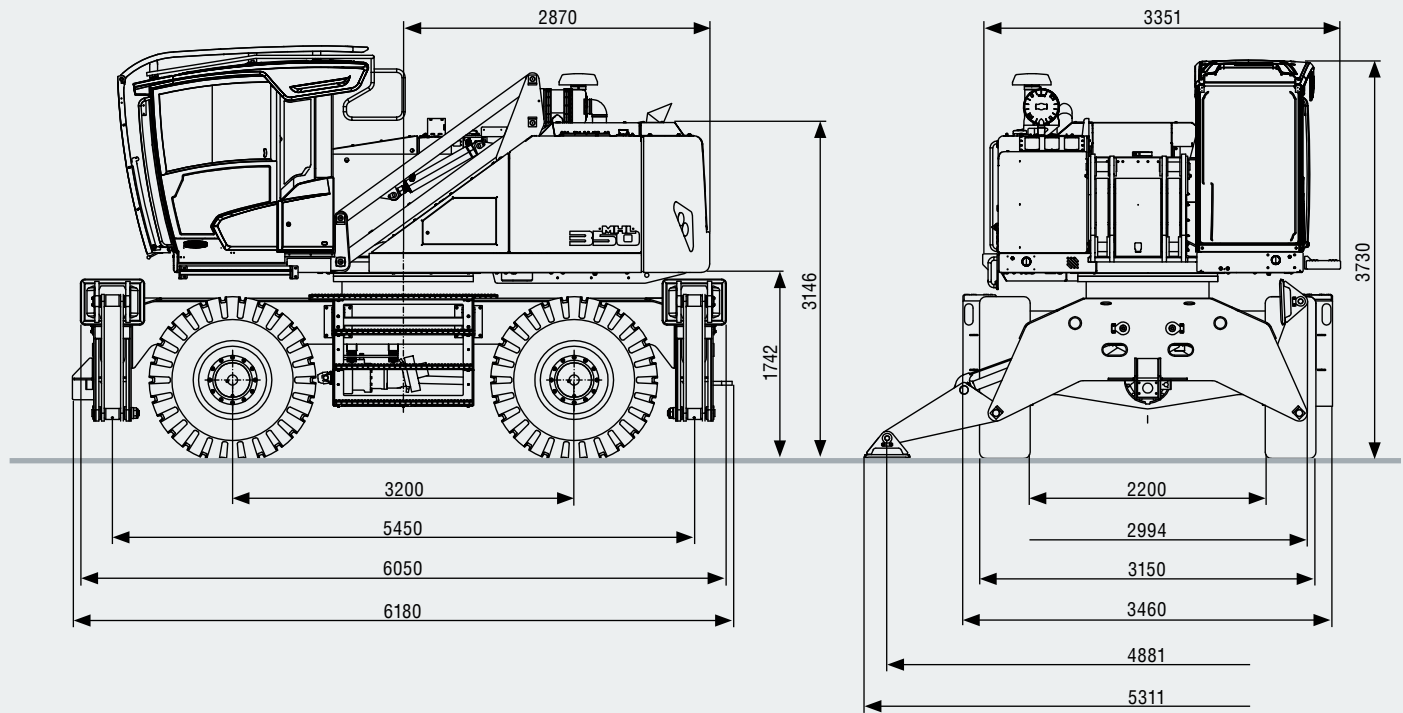
EQUIPMENT

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!

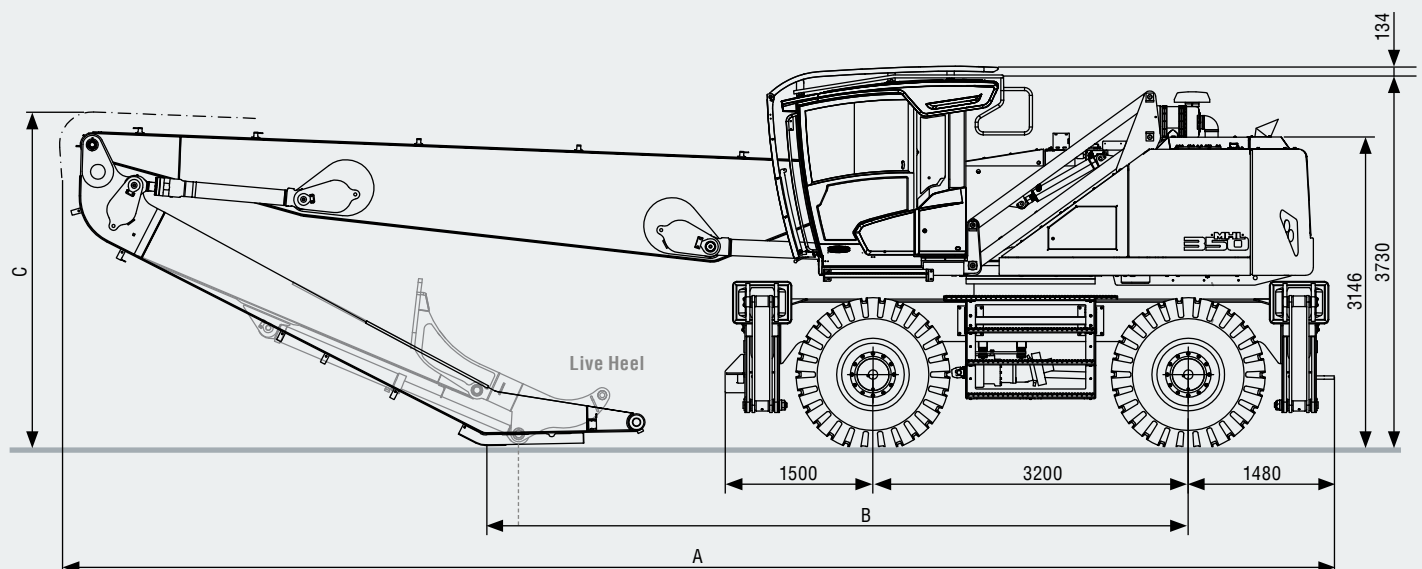
DIMENSIONS MHL350 HD

All dimensions in mm



TRANSPORT DIMENSIONS MHL350 HD

All dimensions in mm



Dimensions	Reach 15.0 m Dipper stick	Reach 16.0 m Dipper stick	Reach 12.6 m Live Heel
A	12,935 mm	12,902 mm	11,757 mm
B	7,137 mm	6,235 mm	5,623 mm
C	3,400 mm	3,891 mm	3,411 mm



WORKING RANGE MHL350 HD

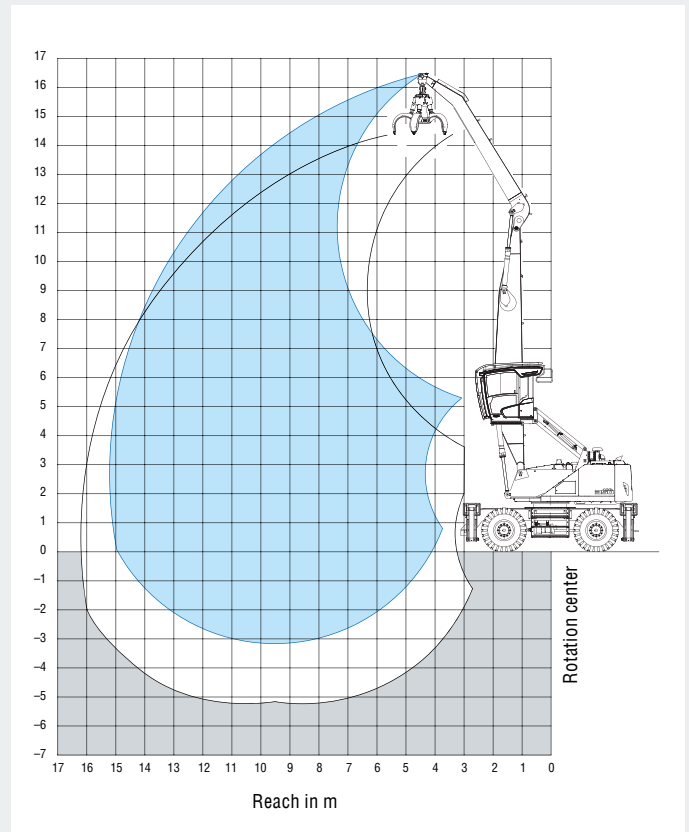
REACH 15 M WITH DIPPER STICK

Loading equipment	Box-type boom 8.5 m Dipper stick 6.2 m Multi-tine grapple
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RECOMMENDED ATTACHMENTS

Grab size	1.75–2.5 m ² Depending on mission requirements
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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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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 MHL350 HD

Height [m]	Undercarriage outrigger	Reach [m]							
		4.5	6	7.5	9	10.5	12	13.5	15
15	not supported			(4.3°)					
	4-point supported			4.3° (4.3°)					
13.5	not supported			(5.9°)	(4.6°)				
	4-point supported			5.9° (5.9°)	4.6° (4.6°)				
12	not supported			(6.7°)	(5.9°)	(4.6°)			
	4-point supported			6.7° (6.7°)	5.9° (5.9°)	4.6° (4.6°)			
10.5	not supported			(7.3°)	(6.1)	(4.7)	(3.7)		
	4-point supported			7.3° (7.3°)	6.6° (6.6°)	5.8° (5.8°)	4.1° (4.1°)		
9	not supported			(7.7°)	(6.1)	(4.7)	(3.7)	(2.9)	
	4-point supported			7.7° (7.7°)	6.7° (6.7°)	5.9° (5.9°)	5.3° (5.3°)	3.0° (3.0°)	
7.5	not supported			(7.9)	(5.9)	(4.5)	(3.6)	(2.9)	
	4-point supported			8.0° (8.0°)	6.9° (6.9°)	6.0° (6.0°)	5.3° (5.3°)	4.3° (4.3°)	
6	not supported		(10.6°)	(7.5)	(5.6)	(4.4)	(3.5)	(2.9)	
	4-point supported		10.6° (10.6°)	8.6° (8.6°)	7.2° (7.2°)	6.2° (6.2°)	5.4° (5.4°)	4.8° (4.8°)	
4.5	not supported	(15.5)	(9.8)	(7.0)	(5.3)	(4.2)	(3.4)	(2.8)	(2.3)
	4-point supported	16.8° (16.8°)	11.7° (11.7°)	9.1° (9.1°)	7.5° (7.5°)	6.3° (6.3°)	5.5° (5.5°)	4.7° (4.7°)	2.7° (2.7°)
3	not supported	(5.0°)	(8.9)	(6.5)	(5.0)	(4.0)	(3.3)	(2.7)	(2.3)
	4-point supported	5.0° (5.0°)	12.6° (12.6°)	9.5° (9.5°)	7.7° (7.7°)	6.4° (6.4°)	5.5° (5.5°)	4.7° (4.7°)	3.1° (3.1°)
1.5	not supported	(3.0°)	(8.2)	(6.1)	(4.8)	(3.8)	(3.2)	(2.6)	(2.2)
	4-point supported	3.0° (3.0°)	9.2° (9.2°)	9.7° (9.7°)	7.7° (7.7°)	6.4° (6.4°)	5.4° (5.4°)	4.5° (4.5°)	3.1° (3.1°)
0	not supported	(3.3°)	(6.8°)	(5.8)	(4.6)	(3.7)	(3.1)	(2.6)	
	4-point supported	3.3° (3.3°)	6.8° (6.8°)	9.4° (9.4°)	7.5° (7.5°)	6.2° (6.2°)	5.1° (5.1°)	4.2° (4.2°)	
-1.5	not supported		(6.5°)	(5.7)	(4.4)	(3.6)	(3.0)	(2.6)	
	4-point supported		6.5° (6.5°)	8.6° (8.6°)	7.0° (7.0°)	5.7° (5.7°)	4.7° (4.7°)	3.7° (3.7°)	
-3	not supported				(4.4)	(3.6)			
	4-point supported				6.1° (6.1°)	5.0° (5.0°)			
Max. Reach 15.2 m									
2.7	not supported	(2.2)							
	4-point supported	2.4° (2.4°)							

WORKING RANGE MHL350 HD

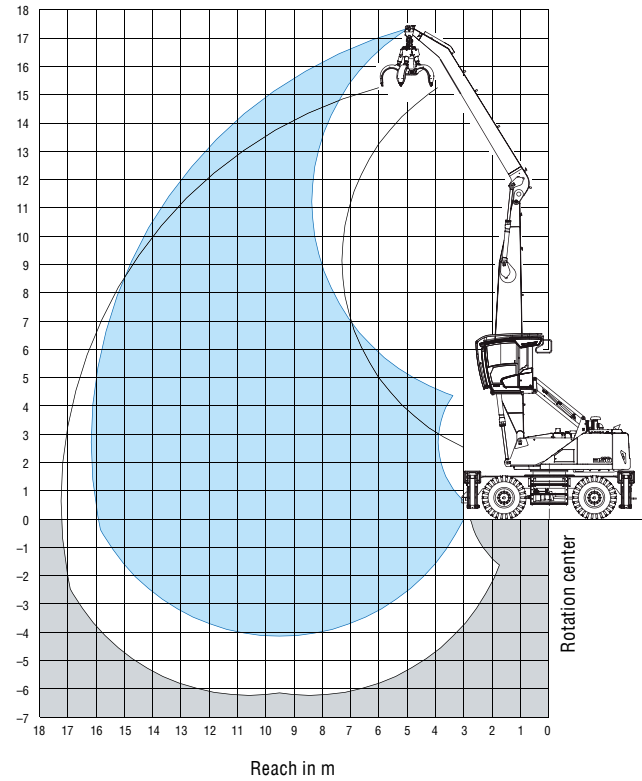
REACH 16 M WITH DIPPER STICK

Loading equipment	Box-type boom 8.5 m Dipper stick 7.2 m Multi-tine grapple
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RECOMMENDED ATTACHMENTS

Grab size	1.75–2.5 m ² Depending on mission requirements
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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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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 MHL350 HD

Height [m]	Undercarriage outrigger	Reach [m]							
		4.5	6	7.5	9	10.5	12	13.5	15
15	not supported			(4.9°)	(3.7°)				
	4-point supported			4.9° (4.9°)	3.7° (3.7°)				
13.5	not supported				(4.9°)	(3.8°)			
	4-point supported				4.9° (4.9°)	3.8° (3.8°)			
12	not supported				(5.5°)	(4.7°)	(3.5)		
	4-point supported				5.5° (5.5°)	4.7° (4.7°)	3.5° (3.5°)		
10.5	not supported				(6.0°)	(4.9)	(3.8)	(2.9°)	
	4-point supported				6.0° (6.0°)	5.5° (5.5°)	4.5° (4.5°)	2.9° (2.9°)	
9	not supported				(6.3°)	(4.8)	(3.8)	(3.0)	
	4-point supported				6.3° (6.3°)	5.6° (5.6°)	5.1° (5.1°)	3.9° (3.9°)	
7.5	not supported			(7.4°)	(6.1)	(4.7)	(3.7)	(3.0)	(2.4)
	4-point supported			7.4° (7.4°)	6.5° (6.5°)	5.7° (5.7°)	5.1° (5.1°)	4.6° (4.6°)	2.7° (2.7°)
6	not supported			(7.9°)	(5.8)	(4.5)	(3.6)	(2.9)	(2.4)
	4-point supported			7.9° (7.9°)	6.8° (6.8°)	5.9° (5.9°)	5.2° (5.2°)	4.6° (4.6°)	3.5° (3.5°)
4.5	not supported	(11.9°)	(10.4)	(7.3)	(5.5)	(4.3)	(3.4)	(2.8)	(2.3)
	4-point supported	11.9° (11.9°)	10.8° (10.8°)	8.5° (8.5°)	7.1° (7.1°)	6.1° (6.1°)	5.3° (5.3°)	4.6° (4.6°)	4.0° (4.0°)
3	not supported	(14.5)	(9.4)	(6.7)	(5.1)	(4.1)	(3.3)	(2.7)	(2.3)
	4-point supported	17.2° (17.2°)	11.8° (11.8°)	9.1° (9.1°)	7.4° (7.4°)	6.2° (6.2°)	5.3° (5.3°)	4.6° (4.6°)	4.0° (4.0°)
1.5	not supported	(4.8°)	(8.4)	(6.2)	(4.8)	(3.8)	(3.1)	(2.6)	(2.2)
	4-point supported	4.8° (4.8°)	12.4° (12.4°)	9.4° (9.4°)	7.5° (7.5°)	6.3° (6.3°)	5.3° (5.3°)	4.5° (4.5°)	3.8° (3.8°)
0	not supported	(3.8°)	(7.8)	(5.8)	(4.5)	(3.7)	(3.0)	(2.5)	(2.2)
	4-point supported	3.8° (3.8°)	8.6° (8.6°)	9.4° (9.4°)	7.5° (7.5°)	6.2° (6.2°)	5.2° (5.2°)	4.4° (4.4°)	3.6° (3.6°)
-1.5	not supported	(4.0°)	(7.1°)	(5.5)	(4.3)	(3.5)	(2.9)	(2.5)	(2.1)
	4-point supported	4.0° (4.0°)	7.1° (7.1°)	8.9° (8.9°)	7.2° (7.2°)	5.9° (5.9°)	4.9° (4.9°)	4.0° (4.0°)	3.1° (3.1°)
-3	not supported		(6.9°)	(5.4)	(4.2)	(3.5)	(2.9)		
	4-point supported		6.9° (6.9°)	8.0° (8.0°)	6.5° (6.5°)	5.3° (5.3°)	4.4° (4.4°)		
Max. Reach 16.1 m									
2.7	not supported								(2.0°)
	4-point supported								2.0° (2.0°)



WORKING RANGE MHL350 HD

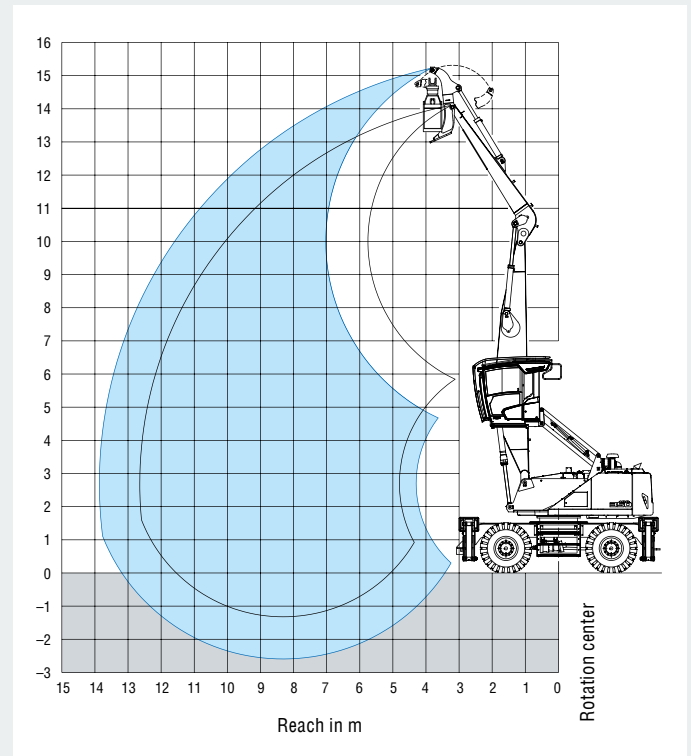
REACH 12.6 M WITH LIVE HEEL STICK

Loading equipment	Box-type boom 7.3 m
	Dipper stick 4.6 m
	Live Heel Boom

RECOMMENDED ATTACHMENTS

Grab size	1.75–2.5 m ²
	Depending on mission requirements





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 hooks, etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with EU Standard EN 474-5 for object handling applications 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.


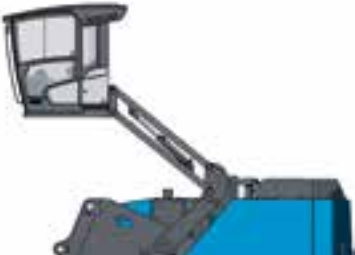
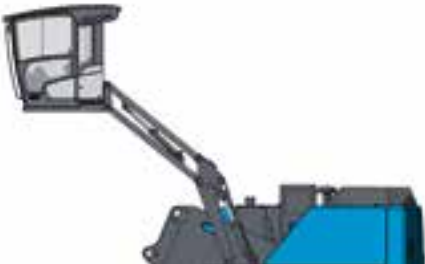


LIFTING CAPACITY MHL350 HD




Height [m]	Undercarriage outrigger	Reach [m]					
		4.5	6	7.5	9	10.5	12
13.5	not supported	(7.5°)					
	4-point supported	7.5° (7.5°)					
12	not supported		(7.8°)	(5.5°)			
	4-point supported		7.8° (7.8°)	5.5° (5.5°)			
10.5	not supported		(9.0°)	(7.3)	(5.2)		
	4-point supported		9.0° (9.0°)	7.8° (7.8°)	5.4° (5.4°)		
9	not supported		(9.5°)	(7.3)	(5.3)	(3.9)	
	4-point supported		9.5° (9.5°)	7.9° (7.9°)	6.9° (6.9°)	4.3° (4.3°)	
7.5	not supported		(9.9°)	(7.1)	(5.2)	(3.9)	
	4-point supported		9.9° (9.9°)	8.2° (8.2°)	7.0° (7.0°)	6.0° (6.0°)	
6	not supported	(14.8°)	(9.9)	(6.8)	(5.0)	(3.8)	(3.0)
	4-point supported	14.8° (14.8°)	10.9° (10.9°)	8.6° (8.6°)	7.2° (7.2°)	6.1° (6.1°)	3.7° (3.7°)
4.5	not supported	(14.7)	(9.3)	(6.5)	(4.8)	(3.7)	(2.9)
	4-point supported	17.5° (17.5°)	12.0° (12.0°)	9.2° (9.2°)	7.4° (7.4°)	6.1° (6.1°)	5.1° (5.1°)
3	not supported		(8.6)	(6.2)	(4.6)	(3.6)	(2.9)
	4-point supported		12.8° (12.8°)	9.5° (9.5°)	7.5° (7.5°)	6.1° (6.1°)	4.9° (4.9°)
1.5	not supported		(8.2)	(5.9)	(4.5)	(3.5)	(2.8)
	4-point supported		12.1° (12.1°)	9.5° (9.5°)	7.4° (7.4°)	5.9° (5.9°)	4.5° (4.5°)
0	not supported		(8.0)	(5.7)	(4.4)	(3.5)	
	4-point supported		9.6° (9.6°)	8.9° (8.9°)	6.9° (6.9°)	5.4° (5.4°)	
-1.5	not supported			(5.7)	(4.3)		
	4-point supported			7.6° (7.6°)	5.9° (5.9°)		
							Max. Reichweite 12.6 m
2.7	not supported						(2.6)
	4-point supported						2.9° (2.9°)

MODULAR SYSTEM

Attachments		Work equipment
Furthermore: Multi-tine grapple Sorting grapple Load hook	Timber grab 	Work equipment straight 
	Magnet plate 	Work equipment with multipurpose stick 

Uppercarriage		
Rigid cab system Viewing height: max. 4 m 	Cab system hydraulically adjustable Viewing height: max. 6.1 m 	Cab system hydraulically adjustable Viewing height: max. 6.1 m and 2.2 m 

Undercarriage		
 Mobile: Standard-undercarriage	 Mobile: 2 support blades	 Mobile special: HD-Undercarriage

Timberpackage			
 Site protection guard	 Cab protection guard	 Lifting cylinder guard	Furthermore: Side camera Actimo XXL seat Additional lights

NOTES





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

