

# TIMBER HANDLING MACHINES





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 Operating weight	up to <b>27 t</b>	up to <b>31 t</b>	up to <b>36.8 t</b>	up to <b>51 t</b>	up to <b>39.6 t</b>
 Engine output power	<b>115 kW</b>	<b>129 kW</b>	<b>160 kW</b>	<b>190 kW</b>	<b>160 kW</b>
 Reach to stick tip	<b>11 m</b>	<b>9.9 m</b>	<b>11.3 m</b>	<b>12.1 m</b>	up to <b>16.0 m</b>







# TEREX® FUCHS LOADING MACHINES CONVINCE THROUGH POWER AND QUALITY.

**The benchmark for effective timber handling.**

**More power. Larger working radius.  
Greater volume per day.**

Terex® Fuchs Pick & Carry machines set standards in modern timber-handling technology with more sophisticated hydraulics, powerful hydrostatic all-wheel drive, and an exceptionally comfortable driver's cabin.





# TIMBER HANDLING AT MAXIMUM SPEED.

**More speed means more sales – it's as simple as that when it comes to timber handling.**

**The ability to comfortably handle high lifting powers makes Terex® Fuchs machines unbelievably versatile.**

**And extremely stable.**

For loading and unloading of trucks, or for transporting saws and intermediate storage, the Terex® Fuchs loading machines, with speeds of up to 20 km/h, open up new dimensions. Large reaches up to 16 m and massive grab volumes up to 3.2 m<sup>3</sup> guarantee ample clearance.

The combination of solid construction with polder blade as standard and extremely stable undercarriage provides safety even for heavy loads. Additional benefits include the astonishingly comfortable handling, high maneuverability, and the extremely precise control of all travel and loading maneuvers. The loading machines with trailers simultaneously master all tasks in one go: loading, transporting, unloading.





➤ **Workhorse, requiring little maintenance**

Important components are easily accessible from the service platform. Comfortable access to the upper carriage platform is provided from both sides, which makes maintenance work easy.

➤ **Rigid cab**

The cab can be lowered for easy transportation.



# WE MANUFACTURE QUALITY, SO YOU CAN HANDLE TOUGH JOBS EASILY.

**Logs in motion.**



**Terex® Fuchs loading machines are agile machines specially designed for efficient timber handling. Especially for roundwood of varying cutting lengths.**

The undercarriage has the symmetry of a square. Not only does that provide a secure base but also a very small turning radius in conjunction with the all-wheel steering. This allows swift and precise travel movements in confined spaces. The standard polder blade has an integrated cylinder protection. The blade serves to clear routes and bunching. If required, a second blade can also be installed.

It's not just the standard air conditioning system that makes the driver's cab a comfortable workplace. It is spacious and has exceptional noise insulation. Large windows offer unrestricted panoramic views. As well as being equipped with standard safety glass as standard, bullet-proof glass is optional for the front and roof windows. The perfect ergonomic design of the air-cushioned driver's seat reduces vibrations in the low-frequency range. Take a seat!



### MHL350 E HD

**Solid base:** large undercarriage gives outstanding stability and a remarkable loading capacity

**Optimized for the industry:** the machine is equipped with a trailer hitch for timber handling applications and can tow heavy trailers over long distances

**XXL dimensions:** A reach of up to 16 m, increased load capacities due to the larger undercarriage, and a powerful 160 kW diesel engine establish ideal conditions for a wide variety of applications.

**Fast and quiet:** Large loads can be positioned with utmost accuracy and precision without jerking and uncontrolled swinging movements.

**With an increased work radius, extremely stressable slewing gear and higher lifting capacities, the Terex® Fuchs MHL350 HD brings new momentum to your timber handling.**

Depending on the operational requirement, a reach ranging from 12.6 m to 16 m are available. With the aid of the innovative hydraulic system, all movements can be carried out harmoniously and exactly as required. One special feature is the “Live Heel” loading system in the 12.6 m variation: It will enable you to reach logs outside of the center and still maneuver them in a horizontal position. These ingenious kinematics make it possible to pick up and set down long timber precisely on target.



#### Special feature: live heel

Reach logs outside of the center and still maneuver them safely in a horizontal position. The ingenious live heel makes you handle long timber precisely.



**MHL364 E:  
transporting heavy loads**

The undercarriage with the symmetry of a square ensures complete stability in all directions even with maximum reach. The undercarriage with special HD axles and extremely robust tires allows heavy loads to be moved quickly and securely. Due to the specially designed drive unit, speeds of up to 20 km/h can be achieved even with a fully loaded grab.

**The ruggedness and reliability of  
Terex® Fuchs Pick & Carry machines  
speak for themselves.**

The steel construction is characterized by excellent static design and stability, and the powerful yet sensitive high-performance hydraulics, with notable lifting and slewing

capabilities, make easy work of quick maneuvers, even with heavy loads. The hydraulic damping system has been specially developed to reduce vibrations during rapid maneuvers in driving mode, which in turn keeps wear to a minimum.





**Everything within view.  
Everything under control.**

From his seat, the operator can comfortably reach the multi-function joystick to control all the machine's functions and cycles. The joystick steering is fitted as standard. The easy-to-read multifunction display gives the operator all the information he needs at a glance, enabling him to work quickly and reliably as he uses the intuitive controls.

**Machine Features**

**Terex® Fuchs Pick & Carry machines**

- + Excellent lifting capacities combined with long reach
- + Small turning radius
- + High traveling speeds
- + Automatic central lubrication system in the uppercarriage
- + Central lubricant fitting in the undercarriage
- + Deutz Diesel engine with exceptionally low emission values and sound levels
- + Elevated comfort cab; excellent all-around view
- + Multifunctional display

**Cab Features**

**Terex® Fuchs Pick & Carry machines**

- + Proportional joystick steering as standard
- + Orthopedically designed air-cushioned operator seat
- + Heating and standard air condition with reheat-function
- + Multi-functional display for operationally relevant information





# TECHNICAL DATA

# MHL334 E

## SERVICE WEIGHT WITHOUT ATTACHMENT

MHL334 E	22–27 t
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## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz TCD 4.1 L4
<b>Design</b>	4-cylinder inline engine
<b>Engine control</b>	EMR IV
<b>Type</b>	4-stroke diesel engine, direct common-rail fuel-injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration
<b>Engine output</b>	115 kW
<b>Rated speed</b>	2000 rpm
<b>Displacement</b>	4.1 l
<b>Cooling system</b>	Coolant and charge air cooling, with temperature controlled fan speed
<b>Emission standards</b>	III B / EPA IV interim
<b>Air filter type</b>	Two-stage filter with safety valve

## ELECTRICAL SYSTEM

<b>Operating voltage</b>	24 V
<b>Battery</b>	2 × 12 V / 110 Ah / 750 A (according to EN)
<b>Generator</b>	28 V / 100 A
<b>Starter</b>	24 V / 4.0 kW
<b>Lighting system</b>	1 × H3 headlamp on uppercarriage 1 × H3 headlamp on cab floor rear marker lights and flashers: optional additional working floodlights H3 / LED / XENON

## HYDRAULIC SYSTEM

<b>Main pump</b>	Variable displacement pump in an open circuit
<b>Pump capacity</b>	max. 380 l/min
<b>Operating pressure</b>	max. 360 bar
<b>Additional pumps</b>	Gear pumps in the open circuit for supporting auxiliary loads
<b>Oil cooler</b>	Fan speed thermostatically controlled
<b>Hydraulic oil filter</b>	Return line filter, bypass flow filter for working equipment optional

## BRAKES

<b>Service brake</b>	Hydraulically activated single circuit brake system that works on all four pairs of wheels
<b>Parking brake</b>	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

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

## SLEWING GEAR

Slewing ring with inner gear teeth. Drive via planetary gears. Integrated disk brakes electrically powered.

<b>Uppercarriage swing speed</b>	0 – 8 rpm
<b>Swing range</b>	360° unrestricted
<b>Max. torque</b>	48 kNm

## UNDERCARRIAGE

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

## OPERATOR'S CAB

As an option, the cab can be supplied with reinforced glass or LEXAN glazing (windscreen and skylight).

<b>Heating</b>	Hot water heating with variable temperature setting and multi-level blower, adjustable defroster nozzles
<b>Air conditioning system</b>	Automatic air conditioning, reheating function
<b>Operator's seat</b>	Air-cushioned comfort seat with integrated headrest, safety belt and lower lumbar support, with integrated air conditioning. Multi adjustable seat provides comfortable operation and access to controls.
<b>Monitoring</b>	Ergonomically positioned, glare resistant instrument cluster, multifunction display, automatic monitoring and saving functions for deviating operating conditions (e.g. all hydraulic oil filters, oil temperature indicator, coolant temperature and charge air cooler, coolant level, loading diesel particel filter), optic and audible warning until the pilot control is shut down or the engine power is reduced. Diagnostics for the individual sensors via the multifunction display. Rear view camera.
<b>Sound Power Level</b>	$L_{W(A)} = 101$ dB(A) (guaranteed) in accordance with guideline 2000/14/EC, required in accordance with 2000/14/EC = 104 dB(A)

## OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



## EQUIPMENT

## MHL334 E

## DIESEL ENGINE

	STANDARD	OPTION
Exhaust gas turbocharger	●	
Intercooling	●	
Direct electronic fuel injection/Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Engine diagnostics interface	●	
Temperature-controlled fan drive	●	
Zyklon pre-separator for air-filter		●

## 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

Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring	●	
Lockable cleaning access openings on radiators	●	
Separate cooling systems	●	
Automatic central lubrication system	●	
Rear view camera	●	
Reversing alarm		●
Liquid intercooling, thermostatically controlled, separately driven	●	
Quick drain valve on diesel tank	●	
Quick drain valve on hydraulic oil tank	●	
Quick drain valve on water cooler	●	
Quick drain valve on engine-oil pan	●	
Reversible fan for engine and hydraulic oil cooler		●
Separate oil cooler with temperature controlled fan drive	●	

## CAB

	STANDARD	OPTION
Air cushioned operator's seat with low-frequency damping, headrest, safety belt and lumbar-support	●	
Seat heating with integrated a/c function		●
FOPS protective grating		●
Cab elevation, 0.4/0.8 m, rigid		●
Air conditioning	●	
Multi functional joysticks	●	
3-layer glass with protection film	●	
Armoured glas (windscreen and roof panel)		●
Powder fire extinguisher		●
Joystick steering	●	
Protective grills to front and roof (decoupled from the cab)	●	
Automatic engine shutdown		●
Rotating beacon		●
Voltage converter 12 V		●
12 V socket		●
Terex® Fuchs Telematics System		●
Sliding window in cab door	●	
Pre-heating system		●
Radio 24 V (CD)		●
Washer system installed underneath windscreen		●

## OTHER EQUIPMENT

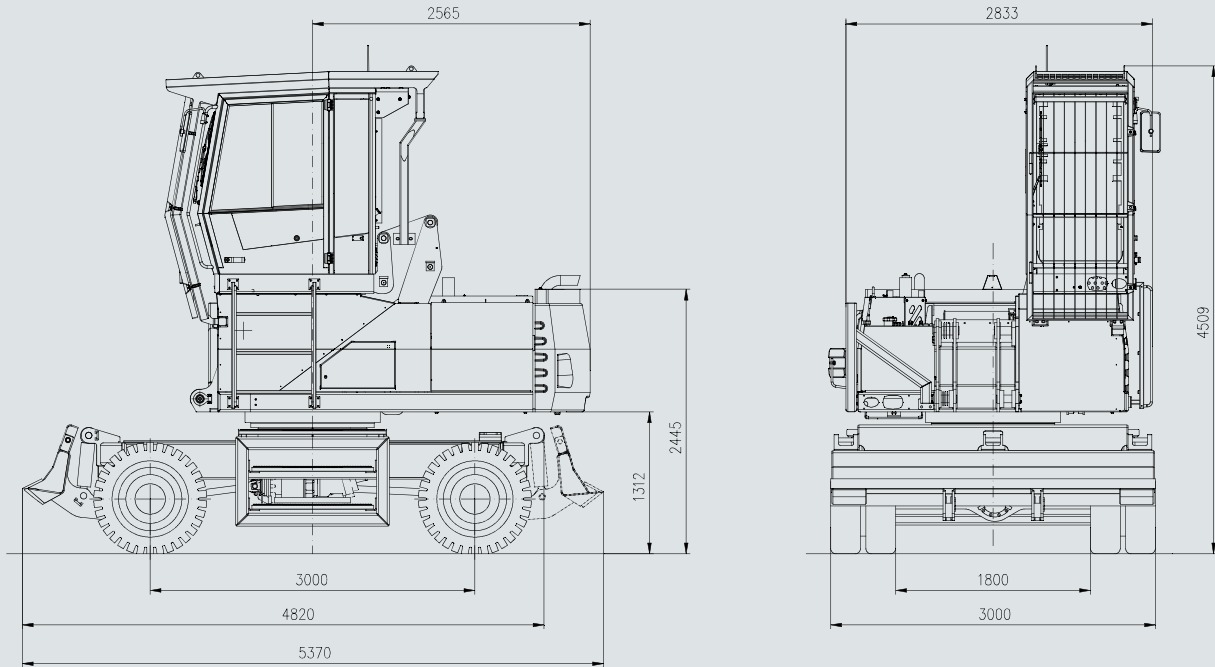
2 × H3 headlamps at machine front for traveling	●	
3 × H3 / XENON / LED floodlights (2 on rear of machine, 1 right hand side)		●
Hydraulic oil preheating		●
Close-range limiter for dipper stick	●	
Thermostatic monitoring of coolant and hydraulic fluid temperatures	●	
Coolant and hydraulic oil level monitoring system	●	
Pipe break protection for stick cylinder		●
Pipe break protection for lift cylinder		●
Hydraulic cushioning system of the lift cylinders	●	
Lubrication of the grab suspension by the central lubrication system	●	
Grab connection to central lubrication system	●	
Overload warning/shut-off device		●
Quick-connect coupling on dipperstick	●	
H3 light packages		●
XENON light packages		●
LED light packages		●

Further optional equipment available on request!



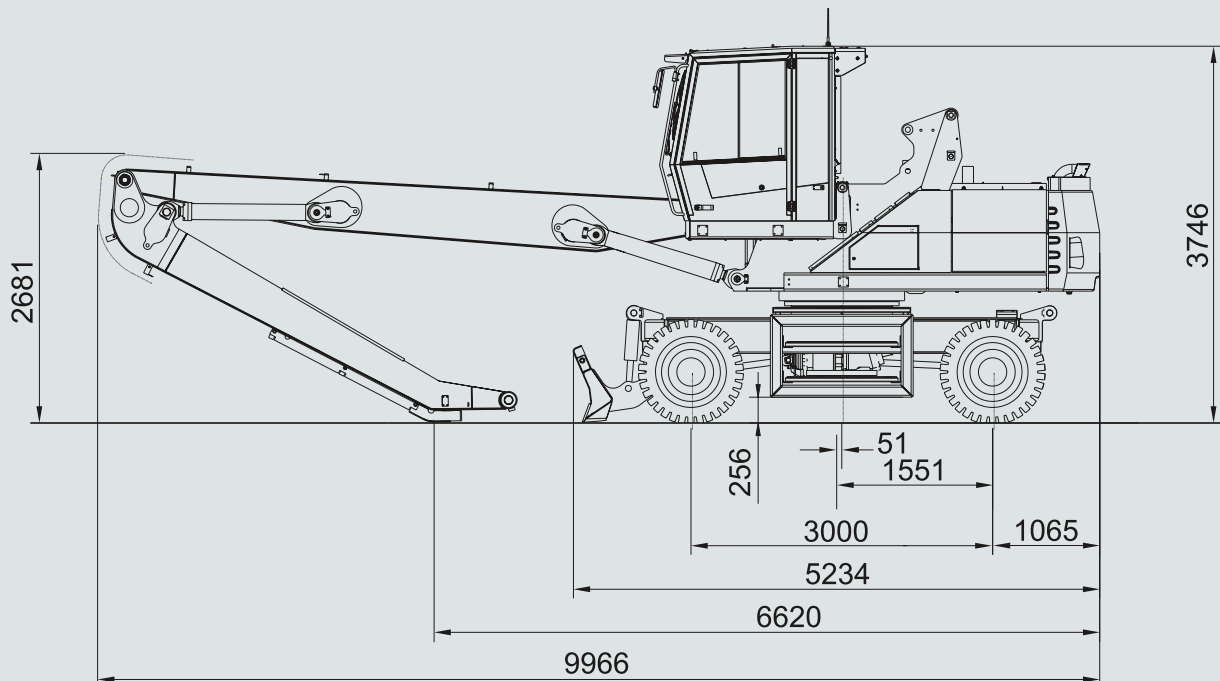
# DIMENSIONS MHL334 E

All dimensions in mm



# TRANSPORT DIMENSIONS MHL334 E

With dipper stick | All dimensions in mm





# WORKING RANGES / CARRYING CAPACITY

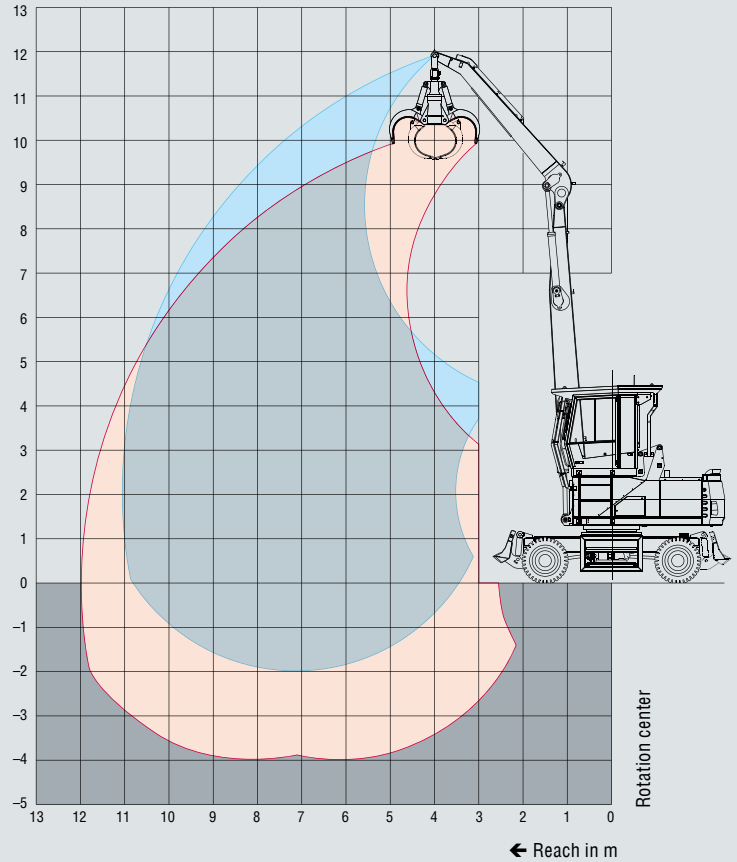
## REACH 11.0 M WITH DIPPER STICK

**Loading equipment**                      Box-type boom 6.5 m  
    Dipper stick 4.4 m  
    Cactus grab

## RECOMMENDED ATTACHMENTS

**Grab size**                                      0.8–1.7 m<sup>2</sup>  
    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 (...) \*\* values apply when support blade is on the back of the machine. 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.



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			6.0 (6.4°) (6.4°)**	4.2 (5.1) (5.6)**		
7.5	not supported			6.0 (6.4°) (6.4°)**	4.2 (5.1) (5.6)**	3.2 (3.8) (4.2)**	
6	not supported			5.8 (6.8°) (6.8°)**	4.2 (5.0) (5.5)**	3.1 (3.8) (4.1)**	
4.5	not supported	13.5° (13.5°) (13.5°)**	8.5 (9.7°) (9.7°)**	5.6 (6.8) (7.4)**	4.0 (4.9) (5.3)**	3.1 (3.7) (4.1)**	2.4 (2.9) (3.2)**
3	not supported		7.8 (9.9) (10.8)**	5.2 (6.4) (7.0)**	3.8 (4.7) (5.1)**	3.0 (3.6) (4.0)**	2.4 (2.9) (3.2)**
1.5	not supported		7.2 (9.2) (9.8°)**	4.9 (6.1) (6.7)**	3.7 (4.5) (4.9)**	2.9 (3.5) (3.9)**	2.3 (2.8) (3.1)**
0	not supported		6.9 (7.0°) (7.0°)**	4.7 (5.9) (6.5)**	3.5 (4.4) (4.8)**	2.8 (3.4) (3.8)**	2.3 (2.8) (3.1)**
-1.5	not supported			4.6 (5.8) (6.4)**	3.5 (4.3) (4.8)**	2.8 (3.4) (3.8)**	
							<b>Max. Reach 11.05 m</b>
2.06	not supported						2.2 (2.6) (2.9)**

# TECHNICAL DATA

# MHL344E

## SERVICE WEIGHT WITHOUT ATTACHMENT

MHL344 E	29–31 t
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## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz TCD 6.1 L6
<b>Design</b>	6-cylinder inline engine
<b>Engine control</b>	EMR IV
<b>Type</b>	4-stroke diesel engine, direct common-rail fuel-injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration
<b>Engine output</b>	129 kW
<b>Nominal speed</b>	2000 rpm
<b>Displacement</b>	6.1 l
<b>Cooling system</b>	Coolant and charge air cooling, with temperature controlled fan speed
<b>Emission standard</b>	III B / EPA IV interim
<b>Air filter type</b>	Two-stage filter with safety valve

## ELECTRICAL SYSTEM

<b>Operating voltage</b>	24 V
<b>Battery</b>	2 × 12 V / 100 Ah / 760 A (according to EN)
<b>Generator</b>	28 V / 100 A
<b>Starter</b>	24 V / 4.0 kW
<b>Lighting system</b>	1 × H3 headlamp on uppercarriage 1 × H3 headlamp on cab floor rear marker lights and flashers: optional additional working floodlights H3 / LED / XENON

## HYDRAULIC SYSTEM

<b>Main pump</b>	Adjustable double displacement pump in an open circuit
<b>Pump capacity</b>	2 × 320 l/min
<b>Operating pressure</b>	max. 355 bar
<b>Additional pumps</b>	Gear pumps in the open circuit for supplying auxiliary loads
<b>Oil cooler</b>	Fan speed thermostatically controlled
<b>Hydraulic oil filter</b>	Return filter, bypass oil filter for working equipment optional

## TRANSMISSION

Tandem hydraulic motor with automatic control; 4-wheel drive	
<b>Travel speed</b>	0–19 km/h
<b>Gradeability</b>	max. 17%
<b>Turning radius</b>	5.5 m

## SLEWING GEAR

Slewing ring with inner gear teeth. Drive via planetary gears. Integrated multi-disk brake, electrically activated.

<b>Uppercarriage swing speed</b>	0–8 rpm
<b>Swing range</b>	360° unrestricted
<b>Max. torque</b>	67 kNm

## UNDERCARRIAGE

<b>Front axle</b>	Planetary drive axle with integrated drum brake, rigid bearing, max. steering angle 30°
<b>Rear axle</b>	Planetary drive axle with integrated drum brake, self-aligning bearing with automatic oscillating lock, max. steering angle 30°
<b>Stabilizers</b>	Dozer blade with integrated cylinder protection on the oscillating side
<b>Tires</b>	Pneumatic tires 8-fold 12.00-20

## BRAKES

<b>Service brake</b>	Third-party braking system actuated by pedal, works on all four pairs of wheels, can be locked.
<b>Parking brake</b>	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles.

## OPERATOR'S CAB

As an option, the cab can be supplied with reinforced glass or LEXAN glazing (windscreen and skylight).

<b>Heating</b>	Hot water heating with variable temperature setting and multi-level blower, adjustable defroster nozzles
<b>Air conditioning system</b>	Automatic air conditioning, reheating function
<b>Operator's seat</b>	Air-cushioned comfort seat with integrated headrest, safety belt and lower lumbar support, with integrated air conditioning. Multi adjustable seat provides comfortable operation and access to controls.
<b>Monitoring</b>	Ergonomically positioned, glare resistant instrument cluster, multifunction display, automatic monitoring and saving functions for deviating operating conditions (e.g. all hydraulic oil filters, oil temperature indicator, coolant temperature and charge air cooler, coolant level, loading diesel particulate filter), optic and audible warning until the pilot control is shut down or the engine power is reduced. Diagnostics for the individual sensors via the multifunction display. Rear view camera.
<b>Sound Power Level</b>	$L_{W(A)} = 101$ dB(A) (guaranteed) in accordance with guideline 2000/14/EC, required in accordance with 2000/14/EC = 104 dB(A)

## OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines



## EQUIPMENT

## MHL344 E

## DIESEL ENGINE

	STANDARD	OPTION
Exhaust gas turbocharger	●	
Intercooling	●	
Direct electronic fuel injection/Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Engine diagnostics interface	●	
Temperature-controlled fan drive	●	
Zyklon pre-separator for air-filter		●

## 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

Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring	●	
Lockable cleaning access openings on radiators	●	
Separate cooling systems	●	
Automatic central lubrication system	●	
Rear view camera	●	
Reversing alarm		●
Liquid intercooling, thermostatically controlled, separately driven	●	
Quick drain valve on diesel tank	●	
Quick drain valve on hydraulic oil tank	●	
Quick drain valve on water cooler	●	
Quick drain valve on engine-oil pan	●	
Reversible fan for engine and hydraulic oil cooler		●
Separate oil cooler with temperature controlled fan drive	●	

## CAB

	STANDARD	OPTION
Air cushioned operator's seat with low-frequency damping, headrest, safety belt and lumbar-support	●	
Seat heating with integrated a/c function		●
FOPS protective grating		●
Cab elevation, 0.4/0.8 m, rigid		●
Air conditioning	●	
Multi functional joysticks	●	
3-layer glass with protection film	●	
Armoured glas (windscreen and roof panel)		●
Powder fire extinguisher		●
Joystick steering	●	
Protective grills to front and roof (decoupled from the cab)	●	
Automatic engine shutdown		●
Rotating beacon		●
Voltage converter 12 V		●
12 V socket		●
Terex® Fuchs Telematics System		●
Sliding window in cab door	●	
Pre-heating system		●
Radio 24 V (CD)		●
Washer system installed underneath windscreen		●

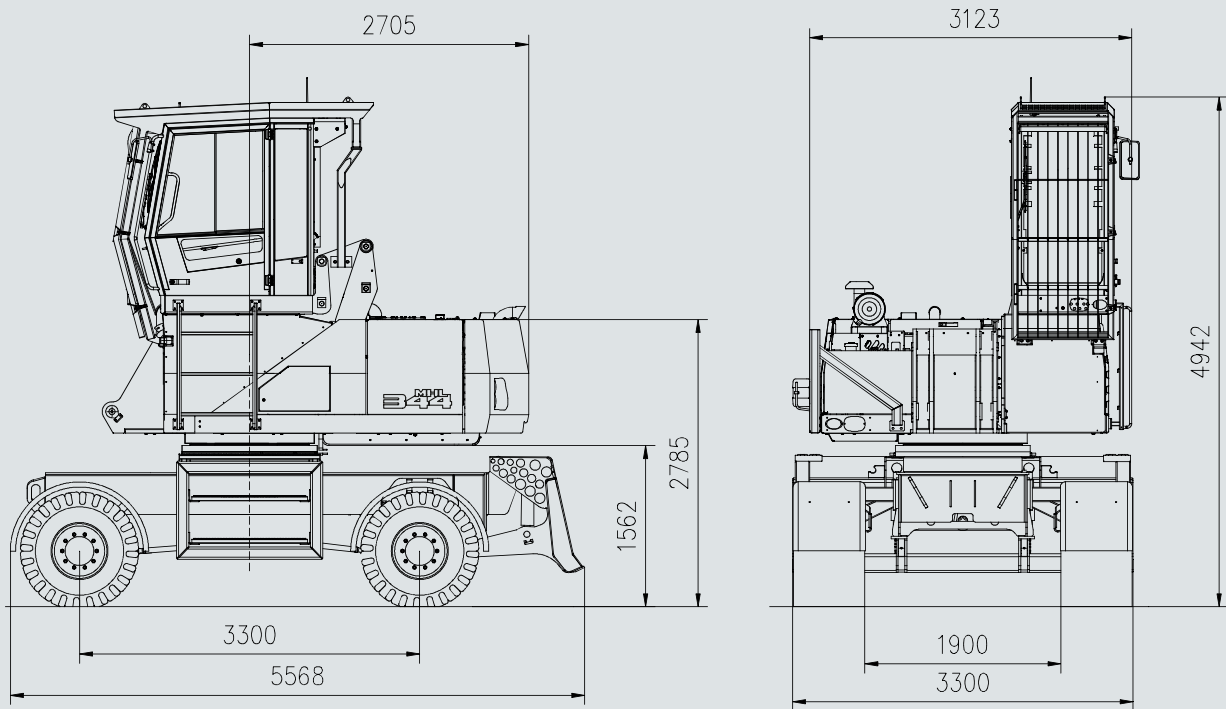
## OTHER EQUIPMENT

2 × H3 headlamps at machine front for traveling	●	
3 × H3 / XENON / LED floodlights (2 on rear of machine, 1 right hand side)		●
Hydraulic oil preheating		●
Close-range limiter for dipper stick	●	
Thermostatic monitoring of coolant and hydraulic fluid temperatures	●	
Coolant and hydraulic oil level monitoring system	●	
Pipe break protection for stick cylinder		●
Pipe break protection for lift cylinder		●
Hydraulic cushioning system of the lift cylinders	●	
Lubrication of the grab suspension by the central lubrication system	●	
Grab connection to central lubrication system	●	
Overload warning/shut-off device		●
Quick-connect coupling on dipperstick	●	
H3 light packages		●
XENON light packages		●
LED light packages		●

Further optional equipment available on request!

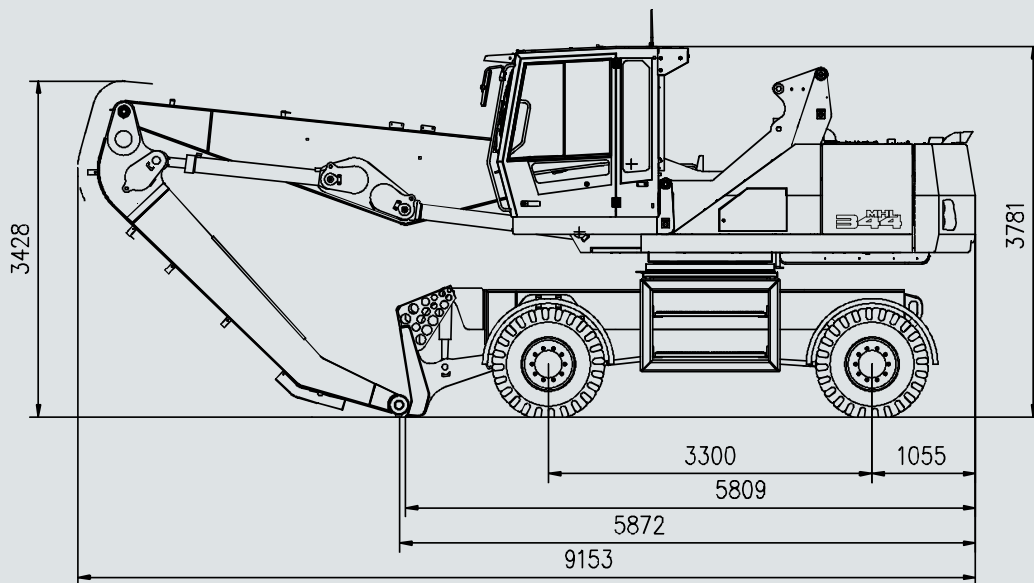
# DIMENSIONS MHL344 E

All dimensions in mm



# TRANSPORT DIMENSIONS MHL344 E

With dipper stick | All dimensions in mm





# WORKING RANGES / CARRYING CAPACITY

## REACH 9.9 M WITH DIPPER STICK

### Loading equipment

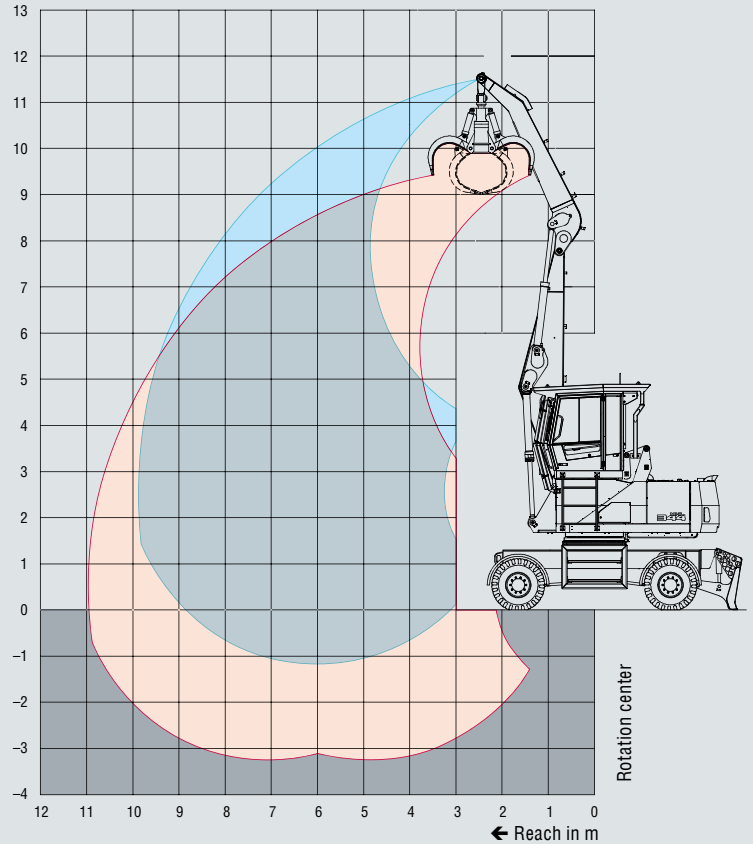
Box-type boom 5.2m  
Dipper stick 4.1 m  
Cactus grab

## RECOMMENDED ATTACHMENTS

### Grab size

1.75–2.2 m<sup>2</sup>  
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 (...) \*\* values apply when support blade is on the back of the machine. 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.



Height [m]	Undercarriage outrigger	Reach [m]				
		3	4.5	6	7.5	9
10.5	not supported		9.0° (9.0°) (9.0°)**			
9	not supported			7.7 (9.1°) (9.1°)**		
7.5	not supported			7.8 (9.5) (9.9°)**	5.4 (6.6) (7.3)**	
6	not supported		12.1 (12.3°) (12.3°)**	7.7 (9.4) (10.2°)**	5.4 (6.5) (7.3)**	4.0 (4.9) (5.5)**
4.5	not supported		11.6 (14.0°) (14.0°)**	7.4 (9.1) (10.1)**	5.3 (6.4) (7.2)**	4.0 (4.8) (5.4)**
3	not supported		10.8 (13.7) (15.3)**	7.0 (8.7) (9.7)**	5.1 (6.2) (7.0)**	3.9 (4.8) (5.4)**
1.5	not supported	5.6° (5.6°) (5.6°)**	10.1 (13.0) (14.5)**	6.7 (8.4) (9.4)**	4.9 (6.1) (6.8)**	3.9 (4.7) (5.3)**
0	not supported		9.8 (12.6) (14.2)**	6.5 (8.2) (9.2)**	4.8 (6.0) (6.7)**	
						<b>Max. Reach 9.88 m</b>
2.58	not supported					3.4 (4.2) (4.3°)**



# TECHNICAL DATA

# MHL354E

## SERVICE WEIGHT WITHOUT ATTACHMENT

MHL354 E	32–36.8t
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## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz TCD 6.1 L6
<b>Design</b>	6-cylinder inline engine
<b>Engine control</b>	EMR IV
<b>Type</b>	4-stroke diesel engine, direct common-rail fuel-injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration
<b>Engine output</b>	160 kW
<b>Nominal speed</b>	2000 rpm
<b>Displacement</b>	6.1 l
<b>Cooling system</b>	Coolant and charge air cooling, with temperature controlled fan speed
<b>Emission standard</b>	III C / EPA IV interim
<b>Air filter type</b>	Two stage filter with safety valve

## ELECTRICAL SYSTEM

<b>Operating voltage</b>	24 V
<b>Battery</b>	2 × 12 V / 100 Ah / 760 A (according to EN)
<b>Generator</b>	28 V / 100 A
<b>Starter</b>	24 V / 4.0 kW
<b>Lighting system</b>	1 × H3 headlamp on uppercarriage 1 × H3 headlamp on cab floor rear marker lights and flashers: optional additional working floodlights H3 / LED / XENON

## HYDRAULIC SYSTEM

<b>Main pump</b>	Adjustable double displacement pump in an open circuit
<b>Pump capacity</b>	2 × 330 l/min
<b>Operating pressure</b>	max. 355 bar
<b>Additional pumps</b>	Gear pumps in the open circuit for supplying auxiliary loads
<b>Oil cooler</b>	Fan speed thermostatically controlled
<b>Hydraulic oil filter</b>	Return line filter, bypass flow filter for working equipment optional

## TRANSMISSION

Tandem hydraulic motor with automatic control; 4-wheel drive	
<b>Travel speed</b>	0–19 km/h
<b>Gradeability</b>	max. 17 %
<b>Turning radius</b>	5.5 m

## SLEWING GEAR

Slewing ring with inner gear teeth. Drive via planetary gears. Integrated disk brakes, electrically powered.

<b>Uppercarriage swing speed</b>	0–7 rpm
<b>Swing range</b>	360° unrestricted
<b>Max. torque</b>	80 kNm

## UNDERCARRIAGE

<b>Front axle</b>	Planetary drive axle with integrated drum brake, rigidly mounted, max. steering angle 30°
<b>Rear axle</b>	Planetary drive axle with integrated drum brake, self-aligning bearing with automatic oscillating lock, max. steering angle 30°
<b>Outriggers</b>	Support blade with integrated cylinder protection on side of oscillating axle
<b>Tires</b>	Pneumatic tires, 8-fold 12.00-20

## BRAKES

<b>Service brake</b>	Third-party breaking system actuated by pedal, applied to all four wheels, lockable
<b>Parking brake</b>	Electro-hydraulically actuated spring-loaded disk brake on the front axle, works on both axles

## OPERATOR'S CAB

As an option, the cab can be supplied with rein-forced glass or LEXAN glazing (windscreen and skylight).

<b>Heating</b>	Hot water heating with variable temperature setting and multi-level blower, adjustable defroster nozzles
<b>Air conditioning system</b>	Automatic air conditioning, reheating function
<b>Operator's seat</b>	Air-cushioned comfort seat with integrated headrest, safety belt and lower lumbar support, with integrated air conditioning. Multi adjustable seat provides comfortable operation and access to controls.
<b>Monitoring</b>	Ergonomically positioned, glare resistant instrument cluster, multifunction display, automatic monitoring and saving functions for deviating operating conditions (e.g. all hydraulic oil filters, oil temperature indicator, coolant temperature and charge air cooler, coolant level, loading diesel particel filter), optic and audible warning until the pilot control is shut down or the engine power is reduced. Diagnostics for the individual sensors via the multifunction display. Rear view camera.
<b>Sound Power Level</b>	$L_{W(A)} = 101$ dB(A) (guaranteed) in accordance with guideline 2000/14/EC, required in accordance with 2000/14/EC = 104 dB(A)

## OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines

## EQUIPMENT

## MHL354 E

## DIESEL ENGINE

	STANDARD	OPTION
Exhaust gas turbocharger	●	
Intercooling	●	
Direct electronic fuel injection/Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Engine diagnostics interface	●	
Temperature-controlled fan drive	●	
Zyklon pre-separator for air-filter		●

## 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

Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring	●	
Lockable cleaning access openings on radiators	●	
Separate cooling systems	●	
Automatic central lubrication system	●	
Rear view camera	●	
Reversing alarm		●
Liquid intercooling, thermostatically controlled, separately driven	●	
Quick drain valve on diesel tank	●	
Quick drain valve on hydraulic oil tank	●	
Quick drain valve on water cooler	●	
Quick drain valve on engine-oil pan	●	
Reversible fan for engine and hydraulic oil cooler		●
Separate oil cooler with temperature controlled fan drive	●	

## CAB

	STANDARD	OPTION
Air cushioned operator's seat with low-frequency damping, headrest, safety belt and lumbar-support	●	
Seat heating with integrated a/c function		●
FOPS protective grating		●
Cab elevation, 0.4/0.8 m, rigid		●
Air conditioning	●	
Multi functional joysticks	●	
3-layer glass with protection film	●	
Armoured glas (windscreen and roof panel)		●
Powder fire extinguisher		●
Joystick steering	●	
Protective grills to front and roof (decoupled from the cab)	●	
Automatic engine shutdown		●
Rotating beacon		●
Voltage converter 12 V		●
12 V socket		●
Terex® Fuchs Telematics System		●
Sliding window in cab door	●	
Pre-heating system		●
Radio 24 V (CD)		●
Washer system installed underneath windscreen		●

## OTHER EQUIPMENT

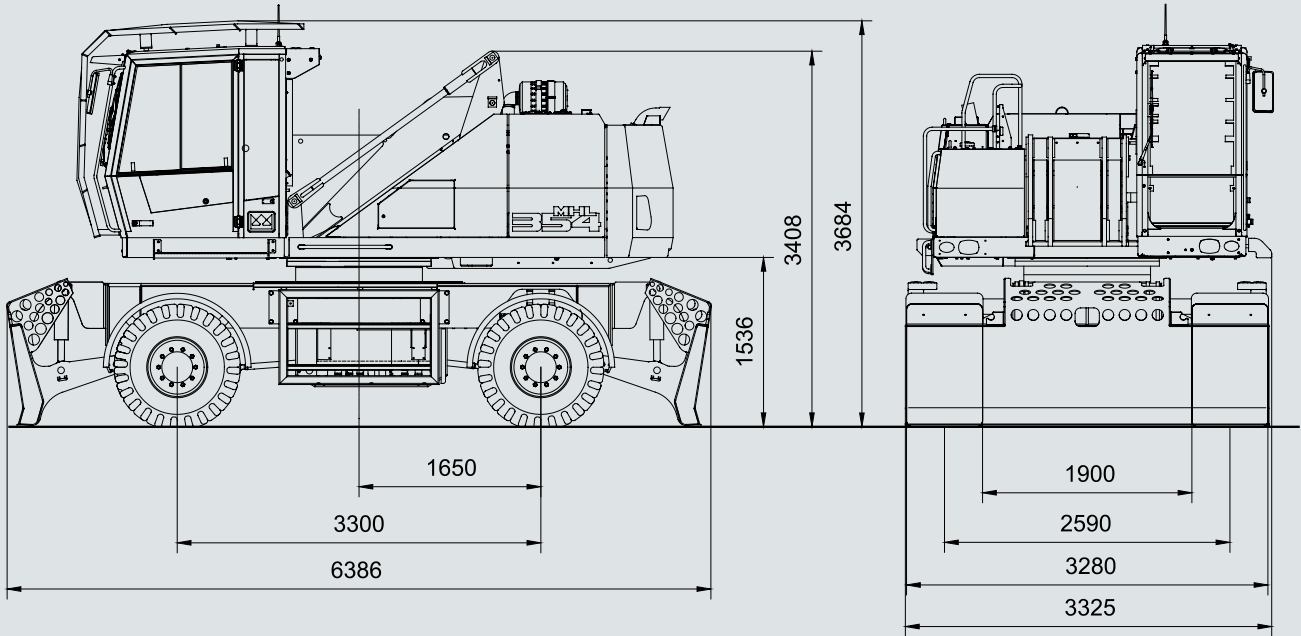
2 × H3 headlamps at machine front for traveling	●	
3 × H3 / XENON / LED floodlights (2 on rear of machine, 1 right hand side)		●
Hydraulic oil preheating		●
Close-range limiter for dipper stick	●	
Thermostatic monitoring of coolant and hydraulic fluid temperatures	●	
Coolant and hydraulic oil level monitoring system	●	
Pipe break protection for stick cylinder		●
Pipe break protection for lift cylinder		●
Hydraulic cushioning system of the lift cylinders	●	
Lubrication of the grab suspension by the central lubrication system	●	
Grab connection to central lubrication system	●	
Overload warning/shut-off device		●
Quick-connect coupling on dipperstick	●	
H3 light packages		●
XENON light packages		●
LED light packages		●

Further optional equipment available on request!



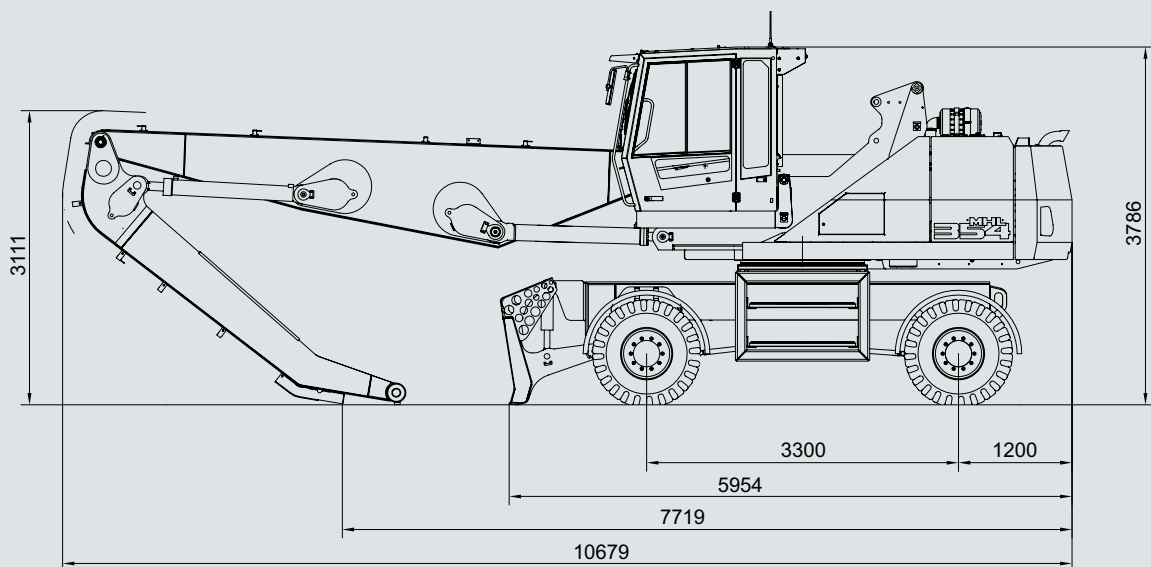
# DIMENSIONS MHL354 E

All dimensions in mm



# TRANSPORT DIMENSIONS MHL354 E

With dipper stick | All dimensions in mm



# WORKING RANGES / CARRYING CAPACITY

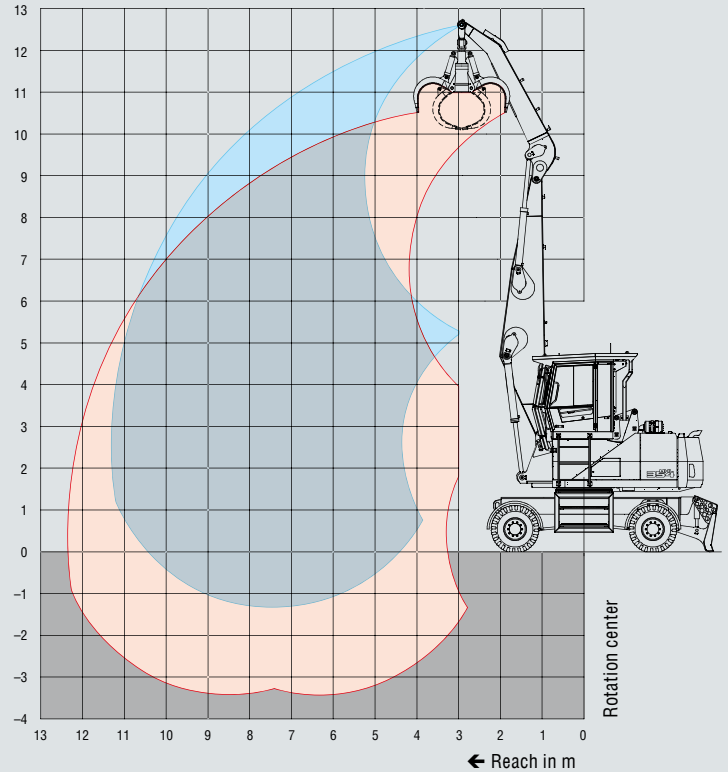
## REACH 11.3 M WITH DIPPER STICK

<b>Loading equipment</b>	Box-type boom 6.4 m Dipper stick 4.1 m Cactus grab
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## RECOMMENDED ATTACHMENTS

<b>Grab size</b>	1.75–2.5m <sup>2</sup> 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 (...) \*\* values apply when support blade is on the back of the machine. 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.



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)**	
<b>Max. Reach 11.3 m</b>							
2.53	not supported						3.1 (3.8) (4.3)**



# TECHNICAL DATA

# MHL364E

## SERVICE WEIGHT WITHOUT ATTACHMENT

MHL364 E	45–51 t
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## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz TCD 7.8 L6 4V
<b>Design</b>	6-cylinder inline engine
<b>Engine control</b>	EMR IV
<b>Type</b>	4-stroke diesel engine, direct common-rail fuel-injection, turbocharger, controlled exhaust gas recirculation, diesel particulate filter with automatic regeneration
<b>Engine output</b>	190 kW
<b>Nominal speed</b>	2000 rpm
<b>Displacement</b>	7.8 l
<b>Cooling system</b>	Coolant and charge air cooling, with temperature controlled fan speed
<b>Emission standard</b>	III C / EPA IV interim
<b>Air filter type</b>	Two-stage filter with safety valve

## ELECTRICAL SYSTEM

<b>Operating voltage</b>	24 V
<b>Battery</b>	2 × 12 V / 100 Ah / 750 A (according to EN)
<b>Generator</b>	28 V / 100 A
<b>Starter</b>	24 V / 4.0 kW
<b>Lighting system</b>	1 × H3 headlamp on uppercarriage 1 × H3 headlamp on cab floor rear marker lights and flashers: optional additional working floodlights H3 / LED / XENON

## HYDRAULIC SYSTEM

<b>Main pump</b>	Adjustable double displacement pump in an open circuit
<b>Pump capacity</b>	max. 2 × 280 l/min and 2 × 140 l/min
<b>Operating pressure</b>	max. 360 bar
<b>Additional pumps</b>	Gear pumps in the open circuit for supplying auxiliary loads
<b>Oil cooler</b>	Fan speed thermostatically controlled
<b>Hydraulic oil filter</b>	Return line filter, bypass flow filter for working equipment optional

## TRANSMISSION

Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, 4-wheel drive	
<b>Travel speed</b>	0–20 km/h
<b>Max. traction force</b>	120 kN
<b>Turning radius</b>	6.5 m

## SLEWING GEAR

Slewing ring with inner gear teeth. Drive via planetary gears. Integrated disk brakes, electrically powered

<b>Uppercarriage swing speed</b>	0–6 rpm
<b>Swing range</b>	360° unrestricted
<b>Max. torque</b>	91 kNm

## UNDERCARRIAGE

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

## BRAKES

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

## OPERATOR'S CAB

As an option, the cab can be supplied with rein-forced glass or LEXAN glazing (windscreen and skylight).

<b>Heating</b>	Hot water heating with variable temperature setting and multi-level blower, adjustable defroster nozzles
<b>Air conditioning system</b>	Automatic air conditioning, reheating function
<b>Operator's seat</b>	Air-cushioned comfort seat with integrated headrest, safety belt and lower lumbar support, with integrated air conditioning.  Multi adjustable seat provides comfortable operation and access to controls.
<b>Monitoring</b>	Ergonomically positioned, glare resistant instrument cluster, multifunction display, automatic monitoring and saving functions for deviating operating conditions (e.g. all hydraulic oil filters, oil temperature indicator, coolant temperature and charge air cooler, coolant level, loading diesel particulate filter), optic and audible warning until the pilot control is shut down or the engine power is reduced.  Diagnostics for the individual sensors via the multifunction display.  Rear view camera.
<b>Sound Power Level</b>	$L_{W(A)} = 101$ dB(A) (guaranteed) in accordance with guideline 2000/14/EC, required in accordance with 2000/14/EC = 104 dB(A)

## OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines

## EQUIPMENT

## MHL364 E

## DIESEL ENGINE

	STANDARD	OPTION
Exhaust gas turbocharger	●	
Intercooling	●	
Direct electronic fuel injection/Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Engine diagnostics interface	●	
Temperature-controlled fan drive	●	
Zyklon pre-separator for air-filter		●

## 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

Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring	●	
Lockable cleaning access openings on radiators	●	
Separate cooling systems	●	
Automatic central lubrication system	●	
Rear view camera	●	
Reversing alarm		●
Liquid intercooling, thermostatically controlled, separately driven	●	
Quick drain valve on diesel tank	●	
Quick drain valve on hydraulic oil tank	●	
Quick drain valve on water cooler	●	
Quick drain valve on engine-oil pan	●	
Reversible fan for engine and hydraulic oil cooler		●
Separate oil cooler with temperature controlled fan drive	●	

## CAB

	STANDARD	OPTION
Air cushioned operator's seat with low-frequency damping, headrest, safety belt and lumbar-support	●	
Seat heating with integrated a/c function		●
FOPS protective grating		●
Cab elevation, 0.4/0.8 m, rigid		●
Air conditioning	●	
Multi functional joysticks	●	
3-layer glass with protection film	●	
Armoured glas (windscreen and roof panel)		●
Powder fire extinguisher		●
Joystick steering	●	
Protective grills to front and roof (decoupled from the cab)	●	
Automatic engine shutdown		●
Rotating beacon		●
Voltage converter 12 V		●
12 V socket		●
Terex® Fuchs Telematics System		●
Sliding window in cab door	●	
Pre-heating system		●
Radio 24 V (CD)		●
Washer system installed underneath windscreen		●

## OTHER EQUIPMENT

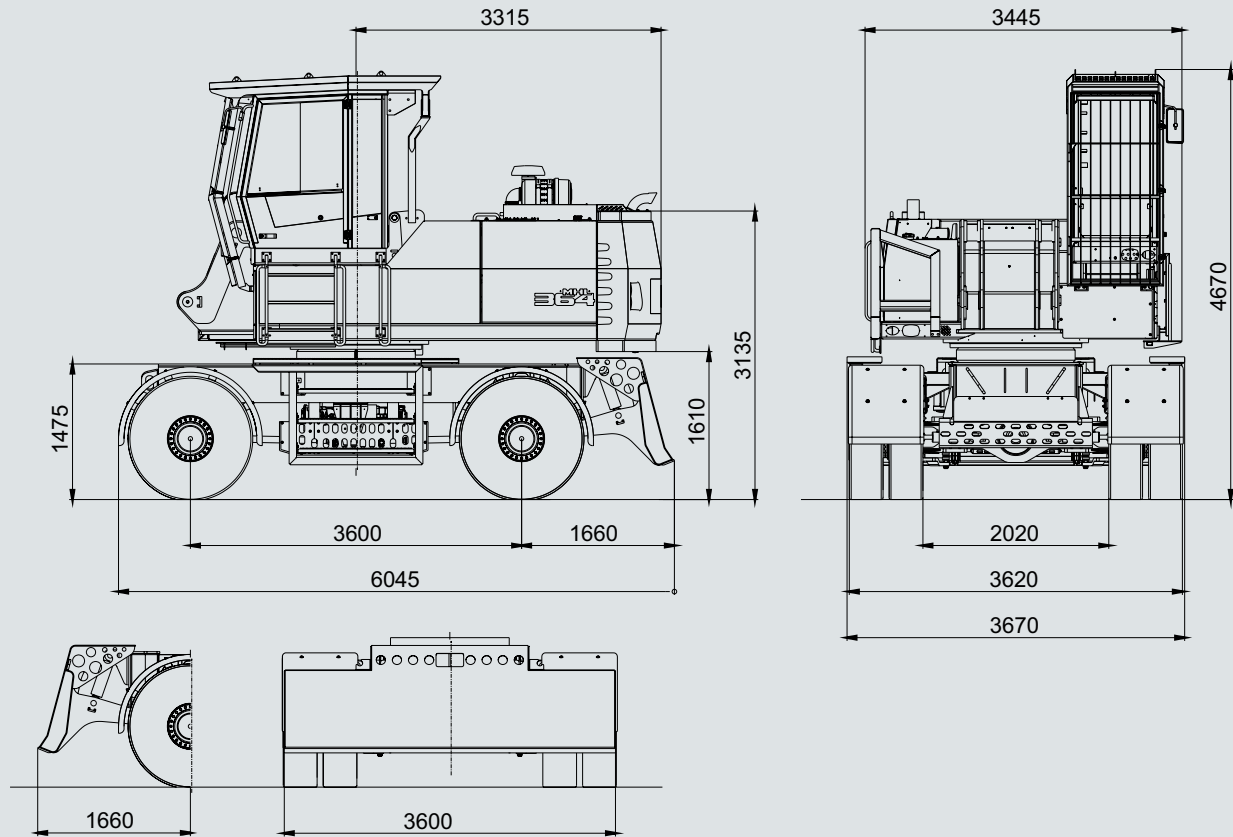
2 × H3 headlamps at machine front for traveling	●	
3 × H3 / XENON / LED floodlights (2 on rear of machine, 1 right hand side)		●
Hydraulic oil preheating		●
Close-range limiter for dipper stick	●	
Thermostatic monitoring of coolant and hydraulic fluid temperatures	●	
Coolant and hydraulic oil level monitoring system	●	
Pipe break protection for stick cylinder		●
Pipe break protection for lift cylinder		●
Hydraulic cushioning system of the lift cylinders	●	
Lubrication of the grab suspension by the central lubrication system	●	
Grab connection to central lubrication system	●	
Overload warning/shut-off device		●
Quick-connect coupling on dipperstick	●	
H3 light packages		●
XENON light packages		●
LED light packages		●

Further optional equipment available on request!



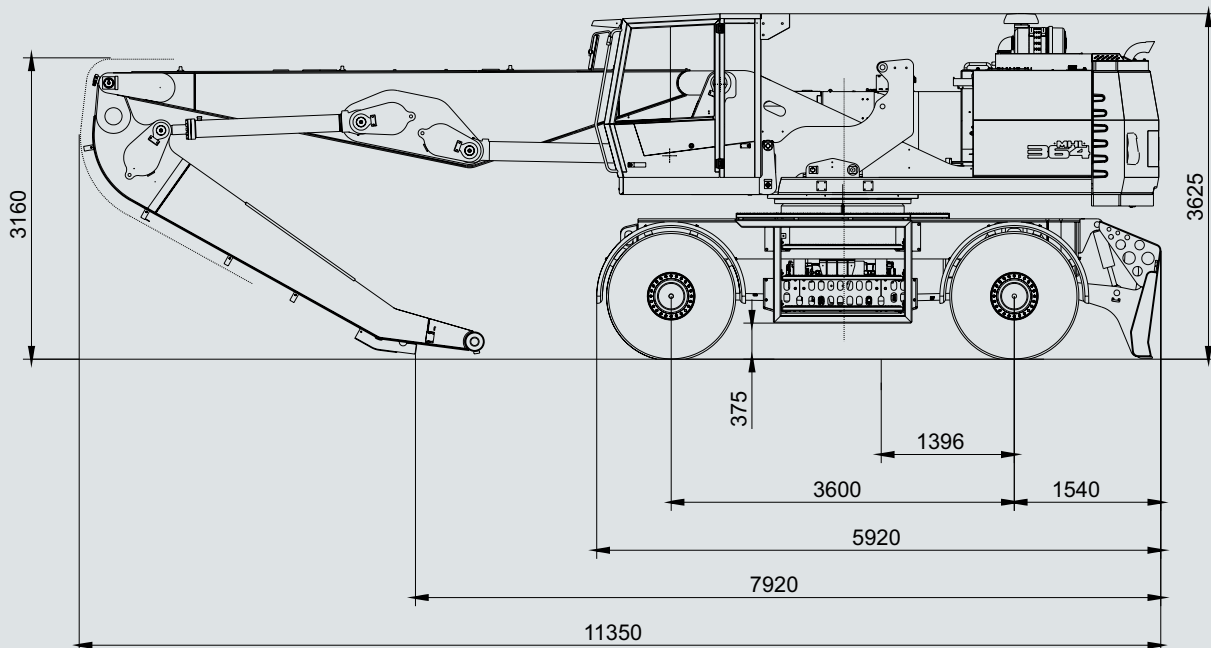
# DIMENSIONS MHL364 E

All dimensions in mm



# TRANSPORT DIMENSIONS MHL364 E

With dipper stick | All dimensions in mm



# WORKING RANGES / CARRYING CAPACITY

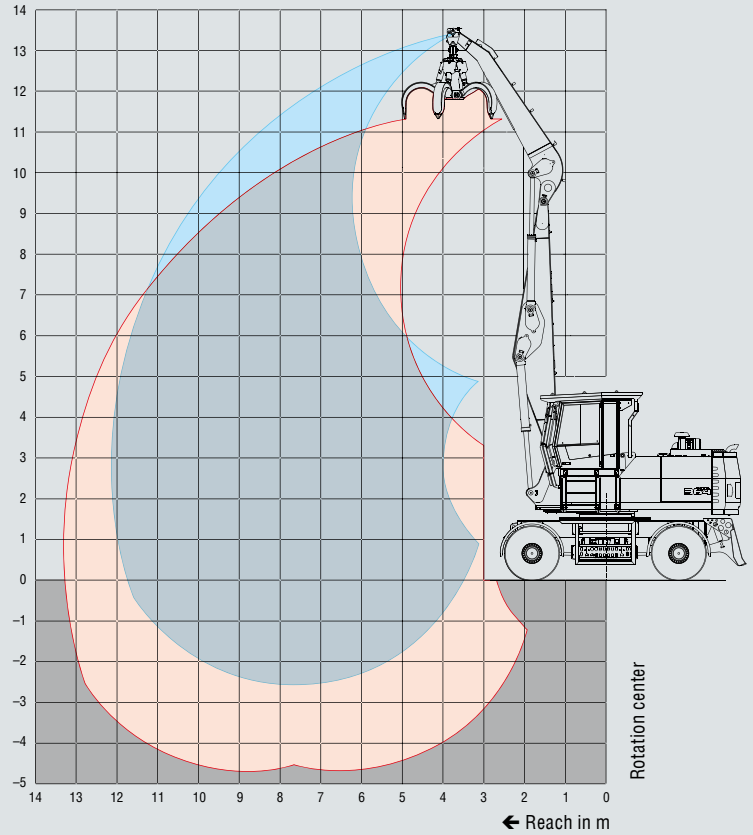
## REACH 12.1 M WITH DIPPER STICK

**Loading equipment**                      Box-type boom 6.4 m  
    Dipper stick 4.7 m  
    Cactus grab

## RECOMMENDED ATTACHMENTS

**Grab size**                                      2.0–3.2 m<sup>2</sup>  
    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 (...) \*\* values apply when support blade is on the back of the machine. 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.



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°)**	
							<b>Max. Reach 12.12 m</b>
2.9	not supported						5.2 (6.4) (6.4°)**



# TECHNICAL DATA

# MHL350 E HD

## SERVICE WEIGHT WITHOUT ATTACHMENT

MHL350 E HD	35.8–39.6 t
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## DIESEL ENGINE

<b>Manufacturer and model</b>	Deutz TCD 6.1 L6
<b>Design</b>	6-cylinder inline engine
<b>Engine control</b>	EEC IV
<b>Combustion</b>	4-stroke diesel, common rail open-combustion-chamber injection, turbocharger, controlled exhaust gas recirculation, diesel particle filter with automatic regeneration
<b>Engine output</b>	160 kW
<b>Nominal speed</b>	2000 rpm
<b>Displacement</b>	6.1 l
<b>Cooling system</b>	Coolant and charge air cooling, with temperature controlled fan speed
<b>Emission standard</b>	III C / EPA IV interim
<b>Air filter type</b>	Two-stage filter with relief valve

## ELECTRICAL SYSTEM

<b>Operating voltage</b>	24 V
<b>Battery</b>	2 x 12 V / 100 Ah / 760 A (as per EN)
<b>Generator</b>	28 V / 100 A
<b>Starter</b>	24 V / 4.0 kW
<b>Lighting system</b>	1 x H3 headlamp on uppercarriage 1 x H3 headlamp on cab floor rear marker lights and flashers: optional additional working floodlights H3 / LED / XENON

## HYDRAULIC SYSTEM

<b>Main pump</b>	Adjustable double displacement pump in an open circuit
<b>Pump capacity</b>	2 x 330 l/min
<b>Operating pressure</b>	max. 355 bar
<b>Auxiliary pumps</b>	Gear pumps in the open circuit for supplying auxiliary loads.
<b>Oil cooler</b>	Fan speed thermostatically controlled
<b>Hydraulic oil filter</b>	Return line filter, bypass flow filter for working equipment optional

## TRANSMISSION

Variable speed hydraulic motor with travel brake valve. 2-speed power shift transmission; 4-wheel drive.

<b>Travel speed</b>	1st gear: max. 4 km/h 2nd gear: max. 16 km/h
<b>Max. traction force</b>	158 kN
<b>Turning radius</b>	9.5 m

## SLEWING GEAR

Slewing ring with inner gear teeth. Drive via planetary gears. Integrated disk brakes, electrically powered

<b>Uppercarriage swing speed</b>	0–7 rpm
<b>Swing range</b>	360° unrestricted
<b>Max. torque</b>	80 kNm

## UNDERCARRIAGE

<b>Front axle</b>	Planetary steering drive axle with integrated wet, maintenance-free multi-disk brakes, with self-aligning bearing and switchable locking mechanism, max. steering angle 30°
<b>Rear axle</b>	Planetary drive axle with integrated wet, maintenance-free multi-disk brakes, rigid mounting
<b>Outriggers</b>	4-point outrigger
<b>Tires</b>	Depending on the model: Single pneumatic tire

## BRAKES

<b>Service brake</b>	Hydraulically operated dual-circuit service braking system with multi-disk brakes. Third-party braking system actuated by pedal, applied to all four wheels, lockable
<b>Parking brake</b>	Electrically/hydraulically actuated, integrated in power shift transmission

## OPERATOR'S CAB

Elastically supported, infinitely variable hydraulically height-adjustable with max. eye level of 5.6 m. 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; height and tilt-adjustable steering column

<b>Heating</b>	Hot water heating with variable temperature setting and multi-level blower, adjustable defroster nozzles
<b>Air conditioning system</b>	Automatic air conditioning, reheating function
<b>Operator's seat</b>	Air-cushioned comfort seat with integrated headrest, safety belt and lower lumbar support, with integrated air conditioning. Multi adjustable seat provides comfortable operation and access to controls.
<b>Monitoring</b>	Ergonomically positioned, glare resistant instrument cluster, multifunction display, automatic monitoring and saving functions for deviating operating conditions (e.g. all hydraulic oil filters, oil temperature indicator, coolant temperature and charge air cooler, coolant level, loading diesel particulate filter), optic and audible warning until the pilot control is shut down or the engine power is reduced. Diagnostics for the individual sensors via the multifunction display, Rear view camera
<b>Sound Power Level</b>	$L_{w(A)} = 101$ dB(A) (guaranteed) in accordance with guideline 2000/14/EC, required in accordance with 2000/14/EC = 104 dB(A)

## OFFICIAL HOMOLOGATION

Certification in accordance with CE guidelines

## EQUIPMENT

## MHL350 E HD

DIESEL ENGINE	STANDARD	OPTION
Exhaust gas turbocharger	●	
Intercooling	●	
Direct electronic fuel injection / Common Rail	●	
Automatic idle	●	
Engine pre-heating		●
Engine diagnostics interface	●	
Temperature-controlled fan drive	●	
Zyklon pre-separator for air-filter		●

UNDERCARRIAGE	STANDARD	OPTION
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	●	
Dozer blade in addition to the 4-point outrigger		●
Plastic or HARDOX scraper bars		●
Toolbox		●
Access	●	

UPPERCARRIAGE	STANDARD	OPTION
Electrical refueling pump		●
Lighting protection		●
Maintenance hood, actuated by gas spring	●	
Lockable cleaning access openings on radiators	●	
Separate cooling system for ambient temperatures up to 50° C	●	
Central lubrication system, automatic	●	
Rear view camera	●	
Drive alarm with flashing beacon		●
Quick drain valve on diesel tank	●	
Quick drain valve on hydraulic oil tank	●	
Quick drain valve on water cooler	●	
Quick drain valve on engine-oil pan	●	
Reversible fan for engine and hydraulic oil cooler		●
Separate oil cooler with temperature controlled fan drive	●	

CAB	STANDARD	OPTION
Cab elevation system	●	
Air cushioned operator`s seat with low-frequency damping, headrest, safety belt and lumbar-support	●	
Seat heating with integrated a/c function		●
FOPS protective grating		●
Air conditioning	●	
Multi functional joysticks	●	
Armoured glas (windscreen and roof panel)		●
3-layer glass with protection film	●	
Powder fire extinguisher		●
Joystick steering		●
Protective grills to front and roof	●	
Automatic engine shutdown		●
Rotating beacon		●
Voltage converter 12 V		●
12 V socket		●
Terex® Fuchs Telematics System		●
Sliding window in cab door	●	
Pre-heating system		●
Radio 24 V (CD)		●
Washer system installed underneath windscreen	●	

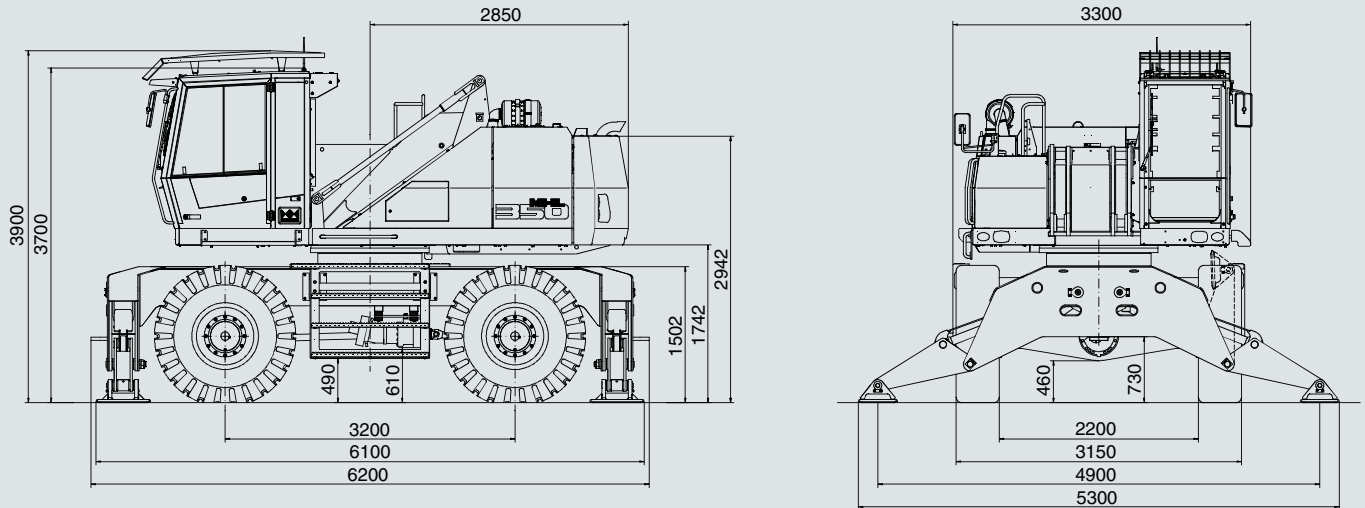
OTHER EQUIPMENT	STANDARD	OPTION
2 × H3 headlamps at machine front for traveling	●	
3 × H3 / XENON / LED floodlights (2 on rear of machine, 1 right hand side)		●
Hydraulic oil preheating		●
Close-range limiter for dipper stick	●	
Thermostatic monitoring of coolant and hydraulic fluid temperatures	●	
Coolant and hydraulic oil level monitoring system	●	
Pipe break protection for stick cylinder		●
Pipe break protection for lift cylinder		●
Hydraulic cushioning system of the lift cylinders	●	
Lubrication of the grab suspension by the central lubrication system	●	
Grab connection to central lubrication system	●	
Overload warning/shut-off device		●
Quick-connect coupling on dipperstick	●	
H3 light packages		●
XENON light packages		●
LED light packages		●

Further optional equipment available on request!



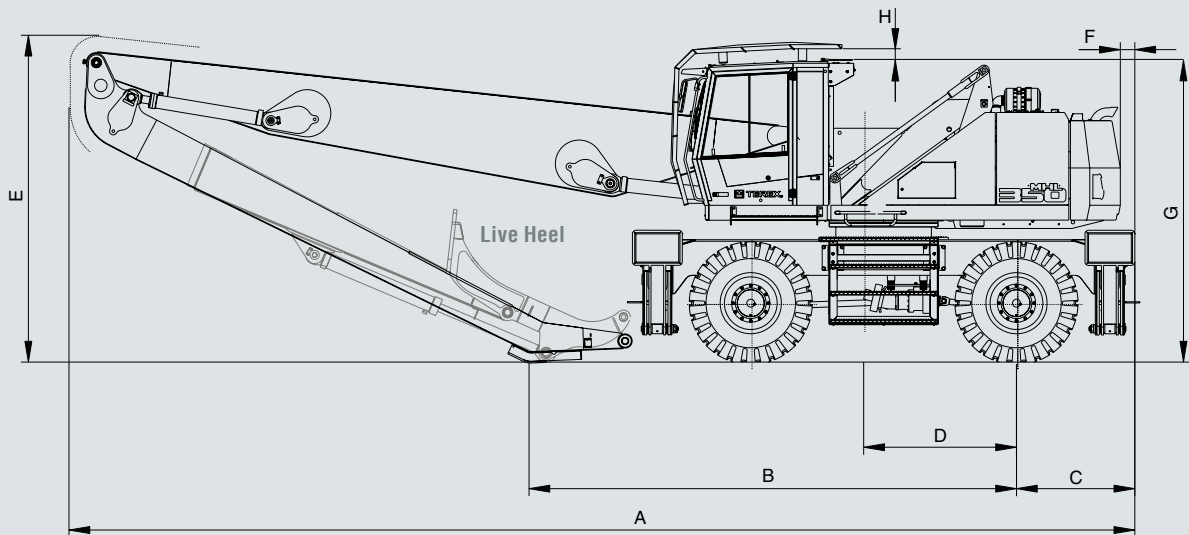
# DIMENSIONS MHL350 E HD

All dimensions in mm



# TRANSPORT DIMENSIONS MHL350 E HD

All dimensions in mm



Dimensions	Reach 14.0m Dipper stick	Reach 15.0m Dipper stick	Reach 16.0m Dipper stick	Reach 12.6m Live Heel
A	11,700 mm	12,710 mm	12,840 mm	11,700 mm
B	5,490 mm	6,690 mm	5,870 mm	5,625 mm
C	1,425 mm	1,425 mm	1,425 mm	1,425 mm
D	1,685 mm	1,720 mm	1,840 mm	1,784 mm
E	3,380 mm	3,370 mm	3,950 mm	3,380 mm
F	175 mm	175 mm	175 mm	175 mm
G	3,667 mm	3,670 mm	3,670 mm	3,667 mm
H	193 mm	230 mm	230 mm	193 mm

# WORKING RANGES / CARRYING CAPACITY

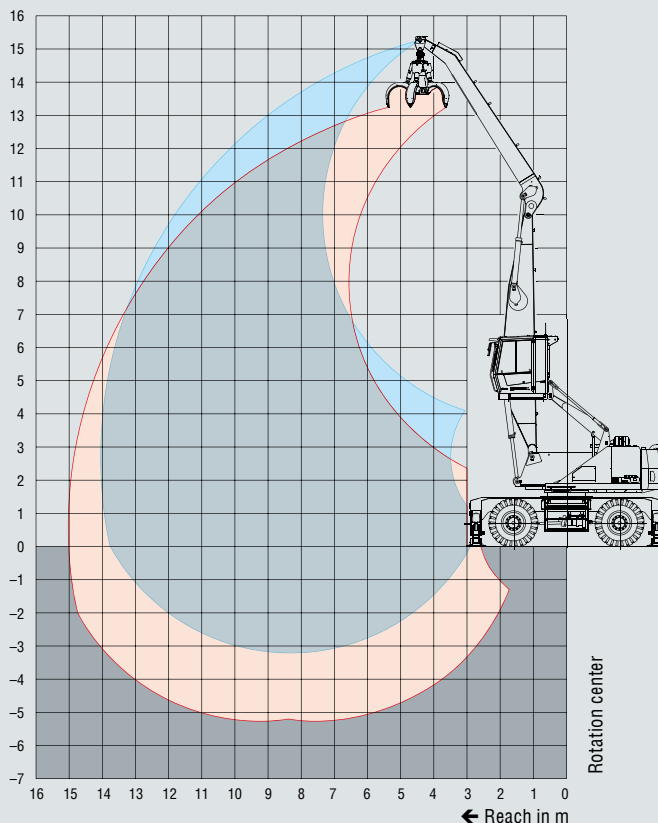
## REACH 14 M WITH DIPPER STICK

<b>Loading equipment</b>	Box-type boom 7.3 m Dipper stick 6.2 m Cactus grab
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## RECOMMENDED ATTACHMENTS

<b>Grab size</b>	1.75–2.5m <sup>2</sup> 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.



Height [m]	Undercarriage outrigger	Reach [m]							
		3	4.5	6	7.5	9	10.5	12	13.5
13.5	not supported				(4.6°)				
	4-point supported				4.6° (4.6°)				
12	not supported				(6.0°)	(4.7°)			
	4-point supported				6.0° (6.0°)	4.7° (4.7°)			
10.5	not supported				(6.8°)	(5.9°)	(4.4°)		
	4-point supported				6.8° (6.8°)	5.9° (5.9°)	4.4° (4.4°)		
9	not supported				(7.5°)	(6.2)	(4.8)	(3.5°)	
	4-point supported				7.5° (7.5°)	6.8° (6.8°)	5.6° (5.6°)	3.5° (3.5°)	
7.5	not supported				(8.0°)	(6.1)	(4.8)	(3.8)	
	4-point supported				8.0° (8.0°)	7.1° (7.1°)	6.4° (6.4°)	4.8° (4.8°)	
6	not supported			(9.5°)	(7.9)	(6.0)	(4.7)	(3.7)	(2.7°)
	4-point supported			9.5° (9.5°)	8.5° (8.5°)	7.4° (7.4°)	6.5° (6.5°)	5.8° (5.8°)	2.7° (2.7°)
4.5	not supported		(12.6°)	(10.7)	(7.6)	(5.7)	(4.5)	(3.7)	(3.0)
	4-point supported		12.6° (12.6°)	11.3° (11.3°)	9.2° (9.2°)	7.7° (7.7°)	6.7° (6.7°)	5.9° (5.9°)	3.7° (3.7°)
3	not supported		(15.4)	(9.9)	(7.2)	(5.5)	(4.4)	(3.6)	(3.0)
	4-point supported		18.1° (18.1°)	12.7° (12.7°)	9.8° (9.8°)	8.1° (8.1°)	6.8° (6.8°)	5.9° (5.9°)	4.2° (4.2°)
1.5	not supported		(8.0°)	(9.2)	(6.8)	(5.2)	(4.2)	(3.5)	(2.9)
	4-point supported		8.0° (8.0°)	13.5° (13.5°)	10.3° (10.3°)	8.3° (8.3°)	6.9° (6.9°)	5.8° (5.8°)	4.3° (4.3°)
0	not supported	(2.8°)	(5.8)	(8.8)	(6.5)	(5.1)	(4.1)	(3.4)	(2.9)
	4-point supported	2.8° (2.8°)	5.8° (5.8°)	13.4° (13.4°)	10.2° (10.2°)	8.2° (8.2°)	6.7° (6.7°)	5.5° (5.5°)	3.8° (3.8°)
-1.5	not supported		(5.8°)	(8.6)	(6.3)	(4.9)	(4.0)	(3.4)	
	4-point supported		5.8° (5.8°)	11.4° (11.4°)	9.7° (9.7°)	7.7° (7.7°)	6.2° (6.2°)	4.9° (4.9°)	
-3	not supported				(6.3)	(4.9)			
	4-point supported				8.4° (8.4°)	6.7° (6.7°)			
<b>Max. Reach 14 m</b>									
2.7	not supported								(2.4)
	4-point supported								2.4° (2.4°)

# WORKING RANGES / CARRYING CAPACITY

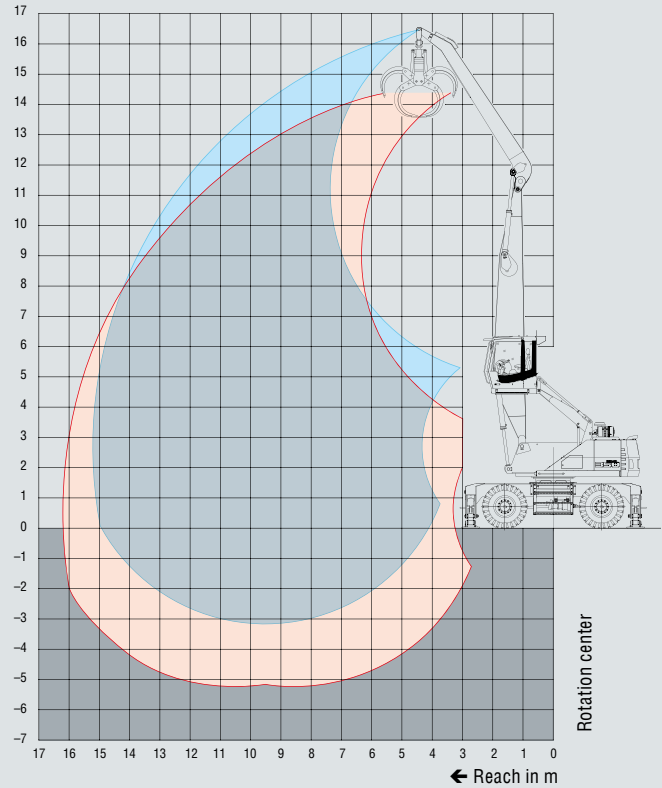
## REACH 15 M WITH DIPPER STICK

Loading equipment	Box-type boom 8.5 m
	Dipper stick 6.2 m
	Cactus grab

## RECOMMENDED ATTACHMENTS

Grab size	1.75–2.5 m <sup>2</sup> 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.



Height [m]	Undercarriage outrigger	Reach [m]							
		4.5	6	7.5	9	10.5	12	13.5	15
15	not supported			(5.2°)					
	4-point supported			5.2° (5.2°)					
13.5	not supported			(6.9°)	(5.6°)				
	4-point supported			6.9° (6.9°)	5.6° (5.6°)				
12	not supported			(7.9°)	(6.2)	(4.7)			
	4-point supported			7.9° (7.9°)	6.9° (6.9°)	5.5° (5.5°)			
10.5	not supported			(8.4)	(6.2)	(4.8)	(3.7)		
	4-point supported			8.6° (8.6°)	7.7° (7.7°)	6.8° (6.8°)	4.9° (4.9°)		
9	not supported			(8.3)	(6.1)	(4.7)	(3.7)	(3.0)	
	4-point supported			9.0° (9.0°)	7.9° (7.9°)	7.0° (7.0°)	6.3° (6.3°)	3.6° (3.6°)	
7.5	not supported			(8.0)	(6.0)	(4.6)	(3.7)	(3.0)	
	4-point supported			9.5° (9.5°)	8.2° (8.2°)	7.2° (7.2°)	6.2 (6.4°)	5.1° (5.1°)	
6	not supported	(13.1°)	(10.9)	(7.6)	(5.7)	(4.5)	(3.6)	(2.9)	
	4-point supported	13.1° (13.1°)	12.5° (12.5°)	10.1° (10.1°)	8.5° (8.5°)	7.4° (7.4°)	6.1 (6.5°)	5.1 (5.8°)	
4.5	not supported	(15.6)	(10.0)	(7.1)	(5.4)	(4.3)	(3.4)	(2.8)	(2.4)
	4-point supported	19.8° (19.8°)	13.9° (13.9°)	10.8° (10.8°)	8.9° (8.9°)	7.3 (7.6°)	6.0 (6.6°)	5.0 (5.7°)	3.2° (3.2°)
3	not supported	(6.3°)	(9.0)	(6.6)	(5.1)	(4.1)	(3.3)	(2.8)	(2.3)
	4-point supported	6.3° (6.3°)	15.0° (15.0°)	11.4° (11.4°)	9.0 (9.2°)	7.1 (7.7°)	5.8 (6.6°)	4.9 (5.7°)	3.7° (3.7°)
1.5	not supported	(4.1°)	(8.3)	(6.2)	(4.8)	(3.9)	(3.2)	(2.7)	(2.3)
	4-point supported	4.1° (4.1°)	11.8° (11.8°)	11.4 (11.6°)	8.7 (9.3°)	6.9 (7.7°)	5.7 (6.5°)	4.8 (5.5°)	3.7° (3.7°)
0	not supported	(4.4°)	(8.0)	(5.9)	(4.6)	(3.8)	(3.1)	(2.6)	
	4-point supported	4.4° (4.4°)	9.0° (9.0°)	11.1 (11.3°)	8.5 (9.1°)	6.8 (7.5°)	5.6 (6.3°)	4.8 (5.2°)	
-1.5	not supported		(7.9)	(5.8)	(4.5)	(3.7)	(3.1)	(2.6)	
	4-point supported		8.7° (8.7°)	10.4° (10.4°)	8.3 (8.5°)	6.7 (7.0°)	5.6 (5.8°)	4.6° (4.6°)	
-3	not supported				(4.5)				
	4-point supported				7.4° (7.4°)				



# WORKING RANGES / CARRYING CAPACITY

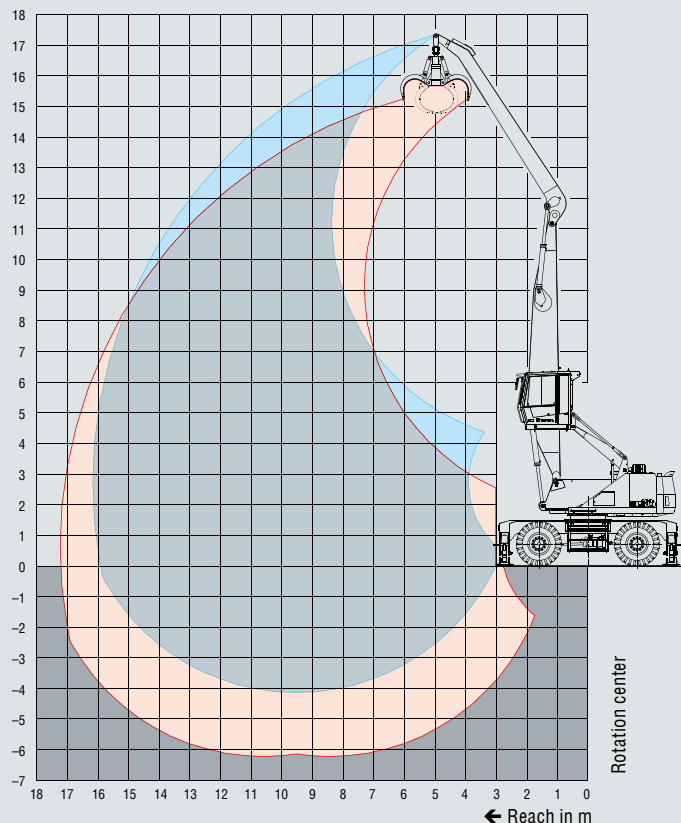
## REACH 16 M WITH DIPPER STICK

<b>Loading equipment</b>	Box-type boom 8.5 m Dipper stick 7.2 m Cactus grab
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## RECOMMENDED ATTACHMENTS

<b>Grab size</b>	1.75–2.5 m <sup>2</sup> 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.



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°)		
<b>Max. Reach 16.1 m</b>									
2.7	not supported								(2.0°)
	4-point supported								2.0° (2.0°)

# WORKING RANGES / CARRYING CAPACITY

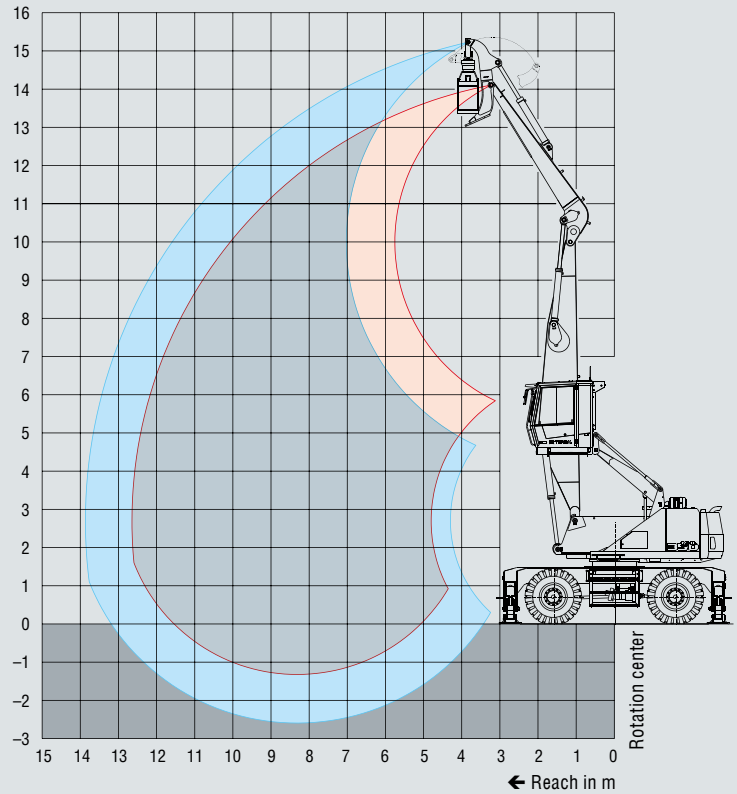
## REACH 12.6 M WITH LIVE HEEL STICK

<b>Loading equipment</b>	Box-type boom 7.3 m Dipper stick 4.6 m Live Heel Boom
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## RECOMMENDED ATTACHMENTS

<b>Grab size</b>	1.75–2.5 m <sup>2</sup> 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.



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		(7.9°)	(5.5°)			
	4-point supported		7.9° (7.9°)	5.5° (5.5°)			
10.5	not supported		(9.0°)	(7.3)	(5.3)		
	4-point supported		9.0° (9.0°)	7.9° (7.9°)	5.5° (5.5°)		
9	not supported		(9.5°)	(7.3)	(5.3)	(4.0)	
	4-point supported		9.5° (9.5°)	8.0° (8.0°)	6.9° (6.9°)	4.3° (4.3°)	
7.5	not supported		(10.0°)	(7.2)	(5.2)	(4.0)	
	4-point supported		10.0° (10.0°)	8.2° (8.2°)	7.0° (7.0°)	6.1° (6.1°)	
6	not supported	(14.8°)	(10.0)	(6.9)	(5.1)	(3.9)	(3.0)
	4-point supported	14.8° (14.8°)	10.9° (10.9°)	8.7° (8.7°)	7.2° (7.2°)	6.1° (6.1°)	3.8° (3.8°)
4.5	not supported	(14.7)	(9.3)	(6.5)	(4.9)	(3.8)	(3.0)
	4-point supported	17.6° (17.6°)	12.0° (12.0°)	9.2° (9.2°)	7.4° (7.4°)	6.2° (6.2°)	5.1° (5.1°)
3	not supported		(8.7)	(6.2)	(4.7)	(3.7)	(2.9)
	4-point supported		12.8° (12.8°)	9.6° (9.6°)	7.6° (7.6°)	6.2° (6.2°)	4.9° (4.9°)
1.5	not supported		(8.2)	(5.9)	(4.5)	(3.6)	(2.9)
	4-point supported		12.2° (12.2°)	9.5° (9.5°)	7.5° (7.5°)	5.9° (5.9°)	4.6° (4.6°)
0	not supported		(8.1)	(5.8)	(4.4)	(3.5)	
	4-point supported		9.6° (9.6°)	8.9° (8.9°)	7.0° (7.0°)	5.4° (5.4°)	
-1.5	not supported			(5.7)	(4.4)		
	4-point supported			7.6° (7.6°)	6.0° (6.0°)		

# MODULAR SYSTEM

## Attachments

furthermore

**Cactus grab**

**Sorting grapple**

**Load hook**

**Timber grab**



**Magnetic plate**



## Work equipment

**Work equipment straight**



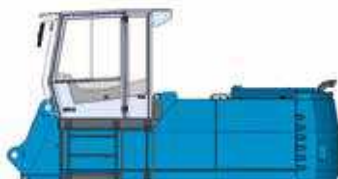
**Work equipment with multipurpose stick**



## Uppercarriage

**Rigid cab system**

Viewing height: max. 4m



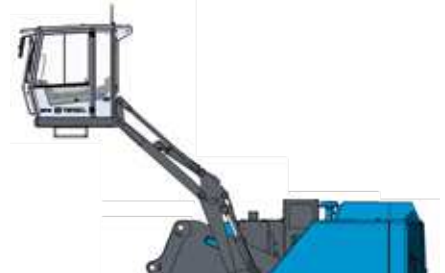
**Cab system hydraulically adjustable**

Viewing height: max. 6.1m



**Cab system vertically and horizontally adjustable**

Viewing height: max. 6.1m and 2.2m



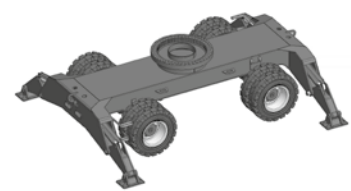
## Undercarriage



**Mobile: 1 support blade**



**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**



# SMART SOLUTIONS FOR HIGHER SAFETY AND MORE EFFICIENCY IN TIMBER HANDLING

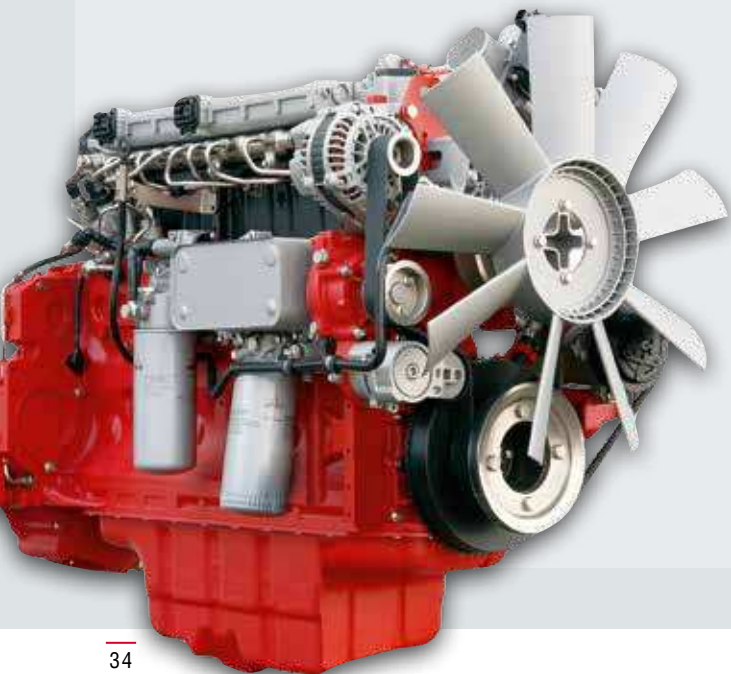


## Fatigue-proof working

- + Ergonomically designed, well planned interior
- + Comfortable orthopedically supportive air cushioned seat
- + Intuitive machine controls – simple-to-operate joystick, direct access to key functions

## Powerful performance

- + Turbo-charged Deutz engine
- + Low noise levels during operation
- + Optimum performance utilization in every speed range
- + Low emission, meeting latest standards



## Everything at a glance

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



## Better view as standard

- + Standard equipment: the rear-view camera provides a wide-angle view of the area behind the machine



### Constant cooling

- ⊕ The cooling system with two physically separated radiators keeps the operating temperature of the machine, especially at high ambient temperatures, at an ideal level
- ⊕ The radiators are designed for easy maintenance and are quick and safe to clean



### Running smoothly

- ⊕ The automatic central lubrication system on the uppercarriage ensures that the loading equipment and slewing ring are evenly supplied with a predefined quantity of lubricant at precisely determined intervals.
- ⊕ This improves the productivity of the machines, reduces repair and replacement part costs as a result of lubrication-related bearing failure, and most of all reduces costly service downtimes.



### Higher safety through side camera

- ⊕ An optional side camera provides a wide-angle view of the area on the right side of the machine
- ⊕ Significant contribution to safety, especially where space to manoeuvre is limited



### Well protected

- ⊕ Robust protection guards – provide perfect protection to hydraulic pipes of both lifting cylinders
- ⊕ Increased physical security



# GET A HANDLE ON FLEET MANAGEMENT

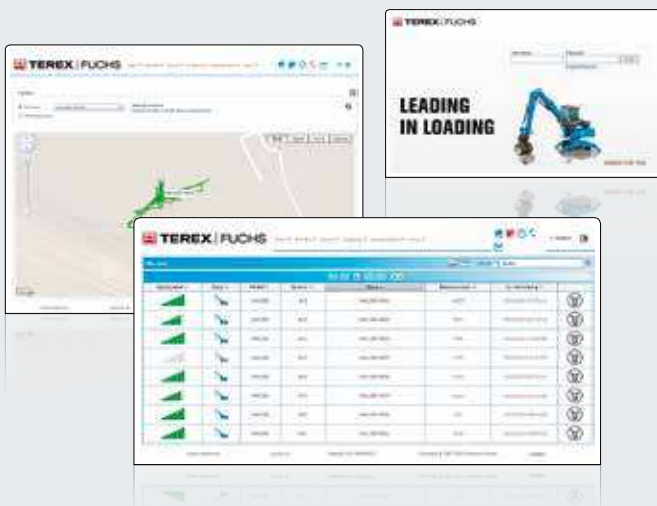
## TEREX® FUCHS TELEMATICS SYSTEM: RECOGNIZE AND OPTIMIZE POTENTIAL

The Terex® Fuchs Telematics system: know exactly how and where everything is running. The Terex® Fuchs Telematics system offers a modern solution to help you analyze and optimize the efficiency of your machines. The Terex® Fuchs Telematics system 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 Terex® 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

[www.terex-fuchs.com](http://www.terex-fuchs.com)

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