

TECHNICAL DATA

SERVICE WEIGHT WITHOUT ATTACHMENTS

MHL250 E	30,865–34,172 lbs
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DIESEL ENGINE

Manufacturer and model	Deutz TCD3.6 L4 with DPF
Design	4-cylinder in-line engine
Type	4 stroke. common rail injection
Engine power	114 hp (85 kW)
Nominal speed	2,000 rpm
Displacement	220 cui
Cooling System	Water cooled
Exhaust gas standard	COM III B/ EPA Tier IV interim
Usable tank capacity	63.4 gal
Air filter design	Two-stage filter with safety cartridge and pre-separator with discharge valve

ELECTRICAL SYSTEM

Alternator	14 V / 95 Ah
Starter	12 V / 3.1 kW
Operating voltage	12 V
Battery	12 V / 135 Ah

TRANSMISSION

Hydrostatic travel drive with automatic adjustment of drawbar pull and speed. 4-wheel drive from reduction gear to front axle via cardan shaft to rear axle. Infinitely variable speed control forward and reverse

Maximum speed mode 1	3.7 mph
Maximum speed mode 2	12.4 mph
Turning radius	23 ft

SWING DRIVE

Hydrostatic drive with 2-stage planetary gear and axial piston fixed displacement motor also acts as wear-resistant brake. In addition automatically controlled spring-loaded multi-disc brake acting as parking brake

Swing speed	0–10 rpm
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UNDERCARRIAGE

Front axle	Planetary drive axle with integrated drum brake. rigidly mounted. max. steering angle 30°
Rear axle	Oscillating planetary drive rear axle with integrated drum brake and selectable oscillating axle lock
Outrigger	4-point stabilizers or 2-point stabilizers with support blade
Tires	Pneumatic tires 8× 9.00-20 Solid rubber tires 8× 10.00-20 (as option)
Service brake	Hydraulic single-circuit braking system acting on all wheel pairs (drum brakes)

HYDRAULIC SYSTEM

Travel hydraulics	Closed circuit independent from working hydraulics
Pump capacity max.	47.6 gal/min
Working pressure max.	6,092 psi
Working hydraulics:	Axial piston variable displacement pump with load sensing. Coupled with a load independent flow distribution. Simultaneous independent control of all movements. Sensitive manoeuvres irrespective of loads.
Pump capacity max.	50.2 gal/min
Working pressure max.	4,786 psi
The thermostatically controlled oil circuit ensures that the oil temperature is promptly reached and avoids overheating. Return filter installed in oil tank allows eco-friendly replacement of filter elements.	
Double gear pump for all positioning and swing movements. Pressure cut-off valve for sensitive and energy saving movements.	
Pump capacity max.	20.1 + 10 gal/min
Working pressure max.	3,335 psi
Hydraulic system	50.2 gal

CABIN

Spacious, sound-insulated full vision steel cab (ROPS certified). Sliding window in cab door. Safety glass window. Thermo windows tinted in green. Skylight thermo window bronze tinted. Large rear window. Front window supported by pneumatic springs. Lockable for ventilation and slidable under cab roof. Windshield washer system. Storage Compartment. Preparation for radio installation. Left hand outside rear-view mirror.

Cab heating with front window defroster by coolant heat exchanger with 3-stage fan. Fresh air and recirculating air filters.

Operator's seat MSG 85 (comfort version). Hydraulic damping. Extra high brackets. Tilt adjustable armrests. Longitudinal-horizontal suspension. Mechanical lumbar support. Safety belt.

Instrument panel on the right hand side of the operator's seat with visual warning device. Hour meter and safety module.

Working flood lights H3

Sound level values in compliance with EC directives

EQUIPMENT

ENGINE

	STANDARD	OPTION
Diesel particulate filter	●	
Exhaust gas turbocharger	●	
Intercooling	●	
Common rail injection	●	
Interface for engine diagnostics	●	
System-controlled fan drive	●	

UNDERCARRIAGE

4-point stabilizers*		●
2-point stabilizers and support blade*		●
All wheel drive	●	
Piston rod protection for stabilizer cylinders	●	
Protection kit for dozer blade cylinders		●
Protection kit for transmission shaft		●
Rear axle oscillating lock	●	
Drum brake	●	
Pneumatic tires 8× 9.00-20	●	
Solid rubber tires 8× 10.00-20 (Solideal MAGNUM)		●
Solid rubber tires 8× 10.00-20 (Solideal BAGGER)		●
Tool box		●
Central grease nipple		●

UPPER CARRIAGE

Central grease nipple	●	
Automatic lubrication system		●
Reversible fan for radiator and hydraulic oil cooler	●	
Cyclone prefilter		●
Separated cooling system (split radiator system)		●
Additional suction box for oil and water cooler		●

* no-additional-cost option

CAB

	STANDARD	OPTION
Preparation for radio installation	●	
Radio (CD/ USB)		●
FOPS guard		●
Airconditioning		●
Rigid cabin system (3 mounting positions, max. viewing height 12'2")	●	
Hydraulically adjustable cabin (max. viewing height 17'1")		●
Joystick steering		●

LOADING EQUIPMENT

H3 light packages		●
LED light packages		●
28'10" multi purpose stick		●
29'6" straight stick	●	

ASSISTANCE SYSTEMS

Italy package (dead man trigger, overload shut off device)		●
Overload shut off device		●
Overload warning		●
Travel alarm (optical)		●
Rupture valves for boom and stick cylinder		●
Fire extinguisher		●
Combined height and reach limitation		●
Rearview backup camera		●
Terex® Fuchs Telematics System		●

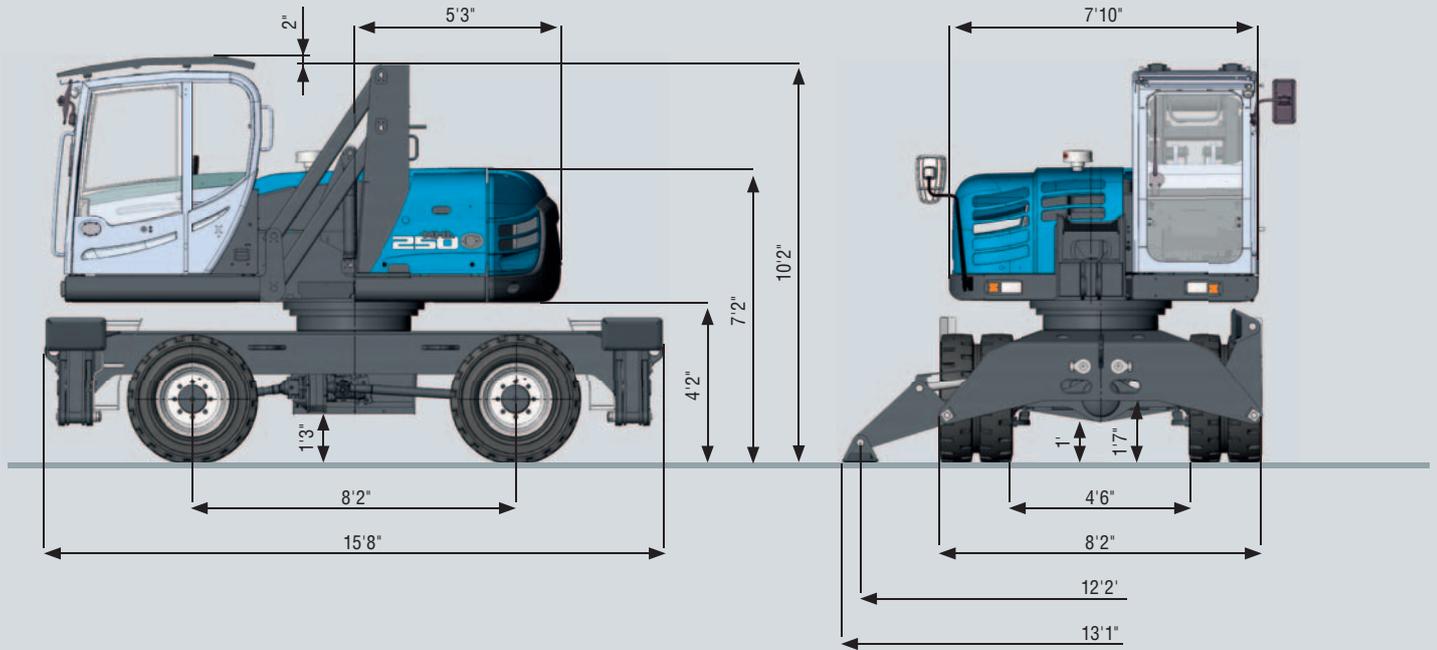
Further optional equipment available on request!

DIMENSIONS MHL250 E

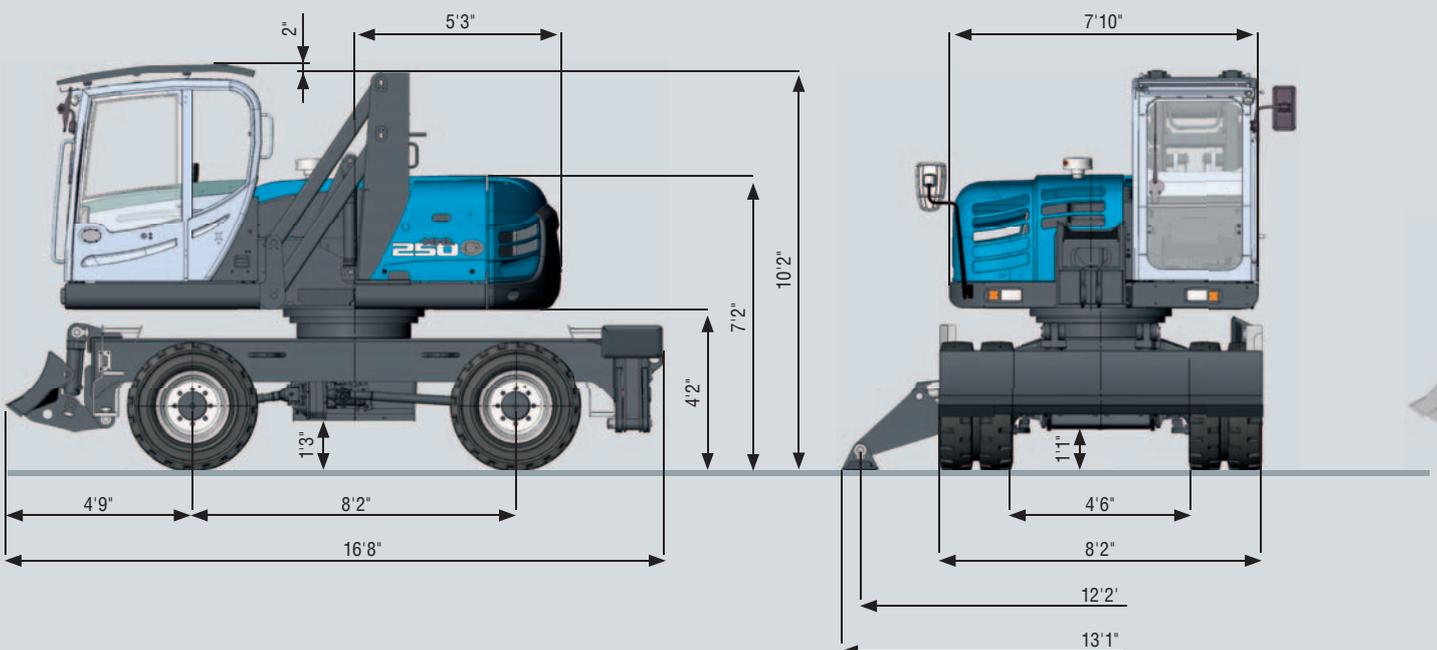
HYDRAULICALLY ADJUSTABLE CABIN

All dimensions in ft and inch

Hydraulically adjustable cabin: undercarriage equipped with 4-point stabilizers



Hydraulically adjustable cabin: undercarriage equipped with 2-point stabilizers and support blade

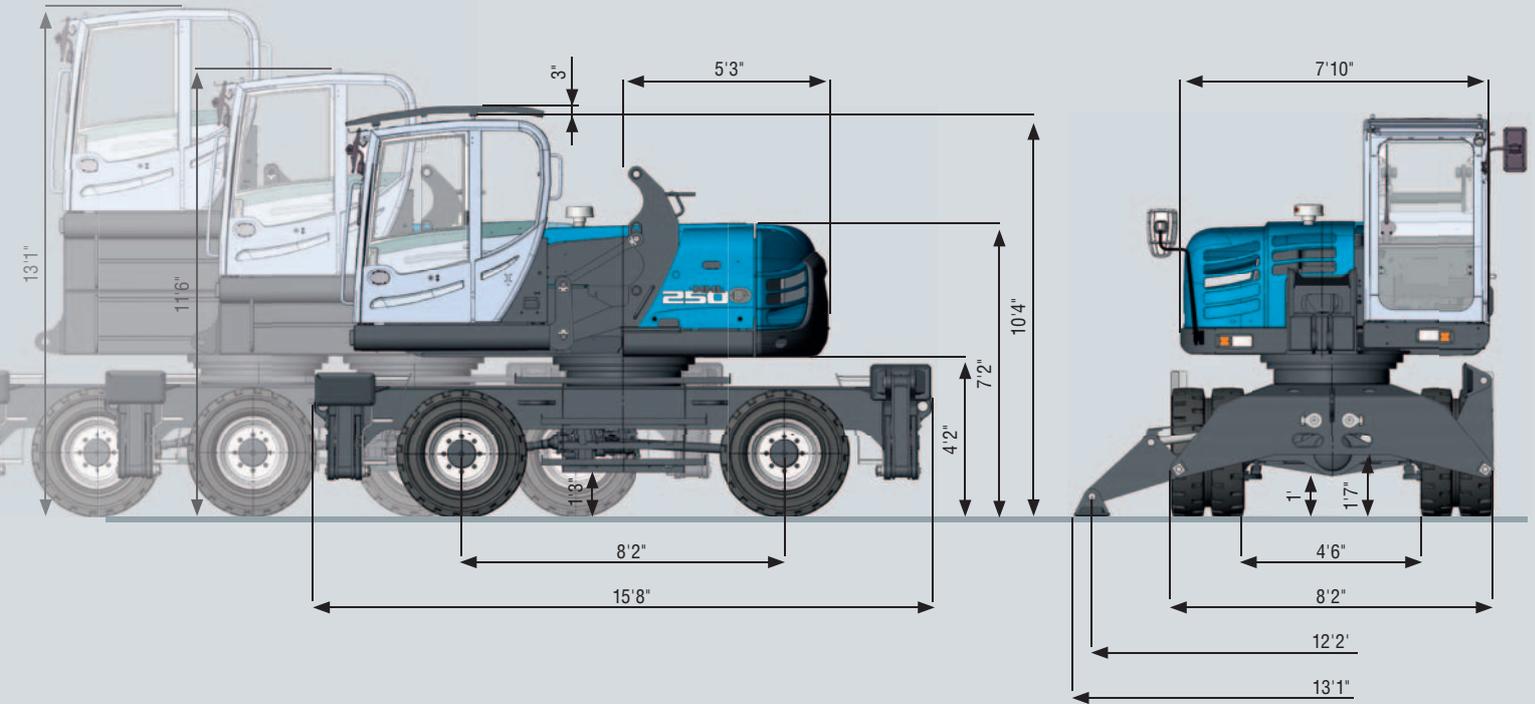


DIMENSIONS MHL250 E

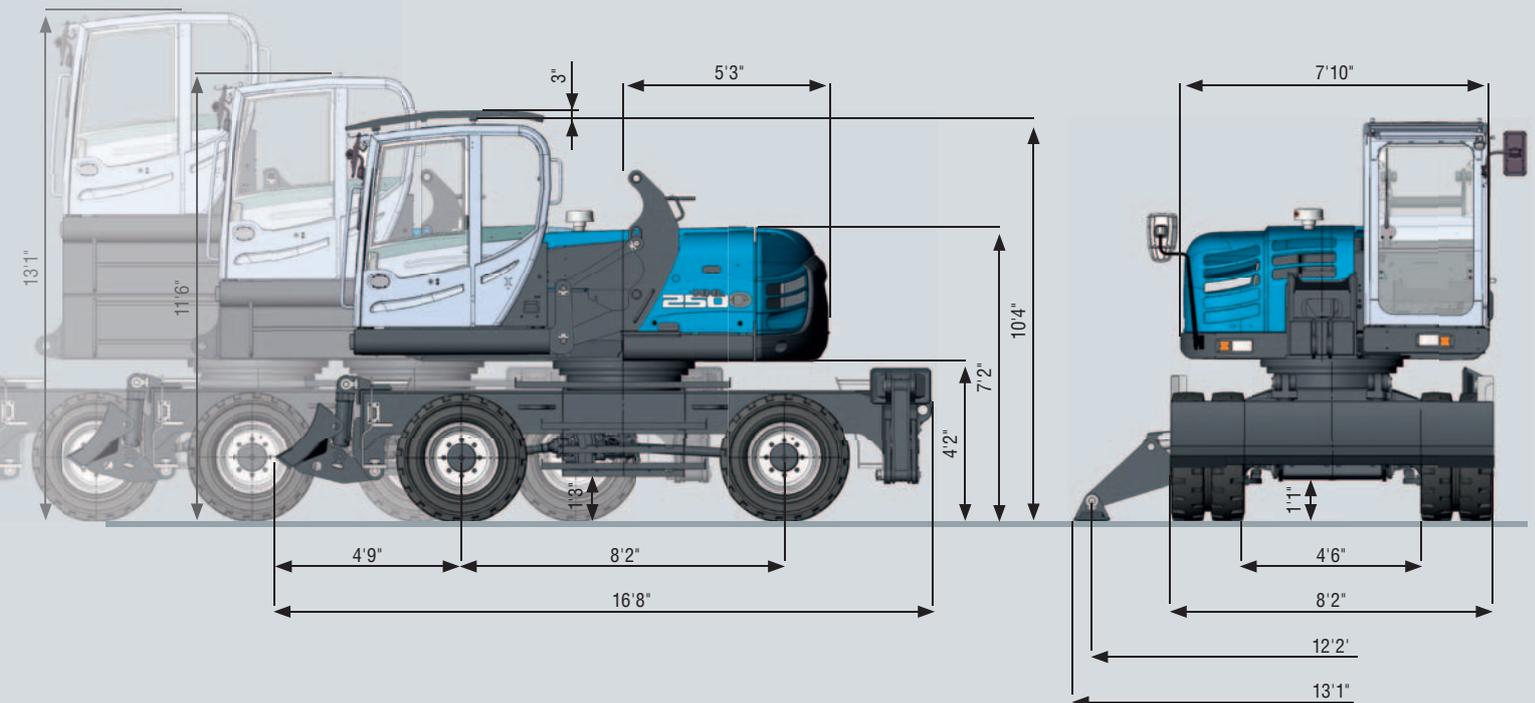
RIGID CABIN SYSTEM

All dimensions in ft and inch

Rigid cabin system: undercarriage equipped with 4-point stabilizers



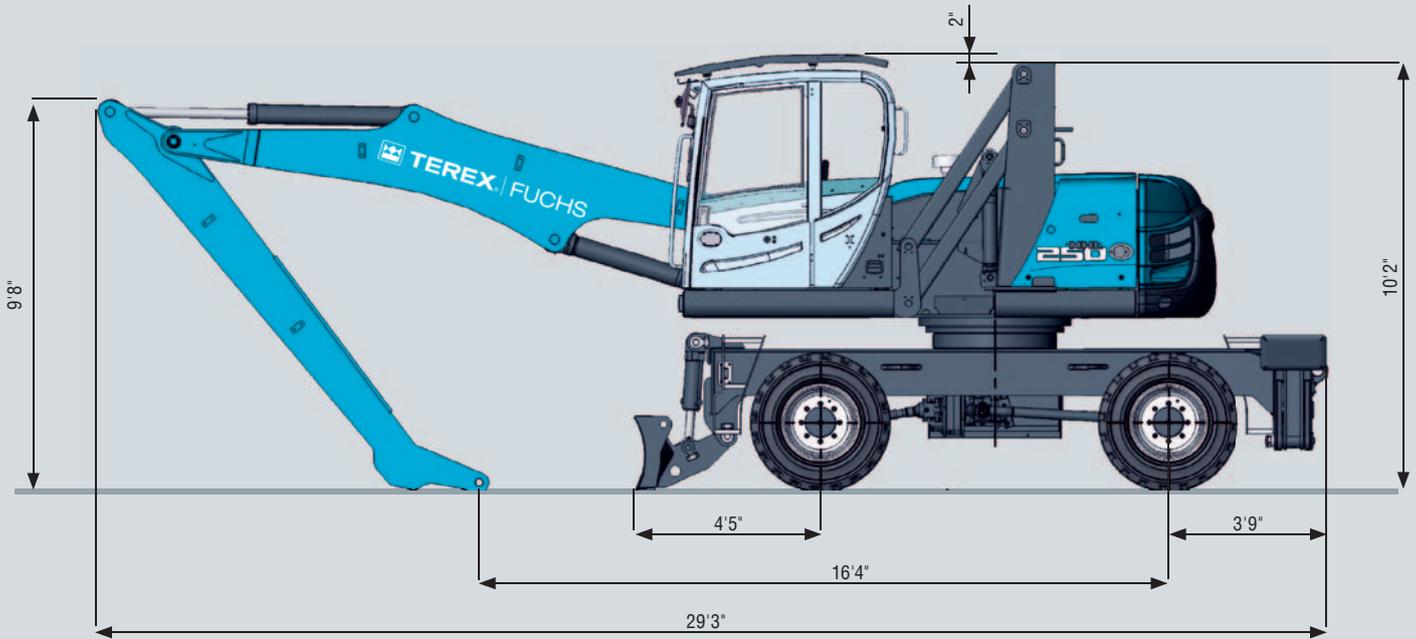
Rigid cabin system: undercarriage equipped with 2-point stabilizers and support blade



TRANSPORT DIMENSIONS MHL250 E

All dimensions in ft and inch

Loading equipment 29'6" and dipperstick



Loading equipment 28'10" and multi-purpose stick

