PRODUCT
SPECIFICATION

TEREX®
ECOTEC

# TWH 251

## WASTE HANDLER


190 kW (Diesel, EU-Stage V)
186 kW (Diesel, EPA Tier III)
160 kW (Electric)

43.5–48.8 t

max. 18.0 m

| Service weight without attachments | | |
|---|---|---|
| **TWH 251** | 43.5–48.8 t | |
| **Diesel engine** | **EU-Stage V** | **EPA Tier III** |
| Manufacturer and model | Deutz TCD 7.8 L6 4V | Deutz TCD 7.8 L6 4V |
| Design | 6-cylinder in-line engine | 6-cylinder in-line engine |
| Functionality | 4-stroke engine, direct common-rail fuel injection, turbocharger with charge air intercooling, controlled exhaust gas recirculation, diesel particle filter with a continuously regenerating system and SCR catalytic converter | 4-stroke engine, direct common-rail fuel injection, turbocharger with charge air intercooling |
| Engine power | 190 kW | 186 kW |
| Rated speed | 2,000 rpm | 2,000 rpm |
| Displacement | 7.8 l | 7.8 l |
| Cooling system | Water and charge air cooling with temperature controlled fan speed | Water and charge air cooling with temperature controlled fan speed |
| Exhaust emission standard | EU-Stage V | EPA Tier III |
| Fuel tank | 580 l diesel | 580 l diesel |
| DEF / Urea tank | 50 l Ad Blue | – |
| **Electric motor** | | |
| Power | 160 kW | |
| Total connected load | 210 kW | |
| Motor start | Via soft start | |
| Optional cable reel | Up to 50 metres (other lengths on request) | |
| **Electrical system** | | |
| Alternator | 28 V / 100 A | |
| Operating voltage | 24 V | |
| Battery | 2 × 12 V / 110 Ah / 750 A (as per EN) | |
| Lighting System | 2 x LED floodlights at the front of the machine, rear lights and indicator lights | |
| Optional | 20 kW or 30 kW DC generator with control and insulation monitoring | |
| **Travel drive** | | |
| Hydrostatic drive through infinitely variable axial piston motor with directly mounted travel brake valves, 2-gear transmission, all-wheel drive | | |
| Travel speed 1st Gear | max. 5 km/h | |
| Travel speed 2nd Gear | max. 15 km/h | |
| Gradeability | max. 30 % | |
| Turning radius | 9.5 m | |
| **Slewing drive** | | |
| Slewing ring | Double slewing ring with inner teeth | |
| Drive | 2-stage planetary gear with integrated multi-disk brake | |
| Uppercarriage swing speed | 0–6 rpm infinitely variable | |
| Slewing lock | Electronically activated | |

| **Undercarriage** | |
|---|---|
| Front axle | Planetary drive axle with integrated drum brake, rigid bearing, max. steering angle 27° |
| Rear axle | Planetary drive axles with integrated drum brake, with self aligning bearing and switching oscillating lock |
| Outrigger | 4-point outrigger |
| Tyres | Solid rubber elastic 8 × 12.00–24 |
| **Brakes** | |
| Service brake | A hydraulically activated single-circuit brake system that works on all four pairs of wheels |
| Parking brake | An electronically activated disc brake on the drive transmission that works on both axles |
| **Hydraulic system** | |
| Max. flow rate | 2 × 280 l/min & 1 × 140 l/min (for slewing) |
| Max. operating pressure | 320 / 360 bar |
| Hydraulic oil tank | 520 l |
| **Operator's Cab** | |
| Cab | Vertically adjustable through infinitely variable hydraulic control up to a viewing height of 5.8 m (option: vertically and horizontally adjustable to a max. viewing height of 6.1 m) Soundproof, insulating panoramic windows enabling all-round visibility, windscreen with pull-down sunblind, roof skylight, cab door sliding window, sliding door |
| Air conditioning | Automatic climate control. Infinitely variable water heating with 8-speed fans, 10 adjustable nozzles, 4 set into the roof lining and 3 defrosting nozzles |
| Operator's seat | Air-sprung comfort seat with integrated headrest, safety belt and lumbar support, optional seat heating. It allows for comfortable working by offering universal adjustment possibilities of the seat position, the seat incline, and the position of the seat cushion in relation to the armrests and pilot controls |
| Monitoring | Ergonomically-arranged, anti-glare controls, multi-functional display, automatic monitoring and storage of deviating operating conditions, (e.g. all hydraulic oil filters, hot/cold hydraulic oil temperature, coolant temperature and charge air temperature, diesel particle filter load), visual and acoustic warning up to the point of shutting feed forward control or reducing engine output. Individual sensor diagnosis using the multi-functional display, rear camera and side camera |

| Noise level | **EU-Stage V** | **EPA Tier III** |
|---|---|---|
| | Sound power level (outdoor area) | Sound power level (outdoor area) |
| | $L_{WA}$ 101.8 dB(A) (measured) as per directive 2000/14/EC | $L_{WA}$ 101.5 dB(A) (measured) as per directive 2000/14/EC |
| | $L_{WA}$ 104 dB(A) (guaranteed) as per directive 2000/14/EC | $L_{WA}$ 104 dB(A) (guaranteed) as per directive 2000/14/EC |
| | Sound power level (inside the cab) | Sound power level (inside the cab) |
| | as per the directive ISO 6396 $L_{pA}$ 73 dB(A) | as per the directive ISO 6396 $L_{pA}$ 72 dB(A) |

Certification as per CE directives

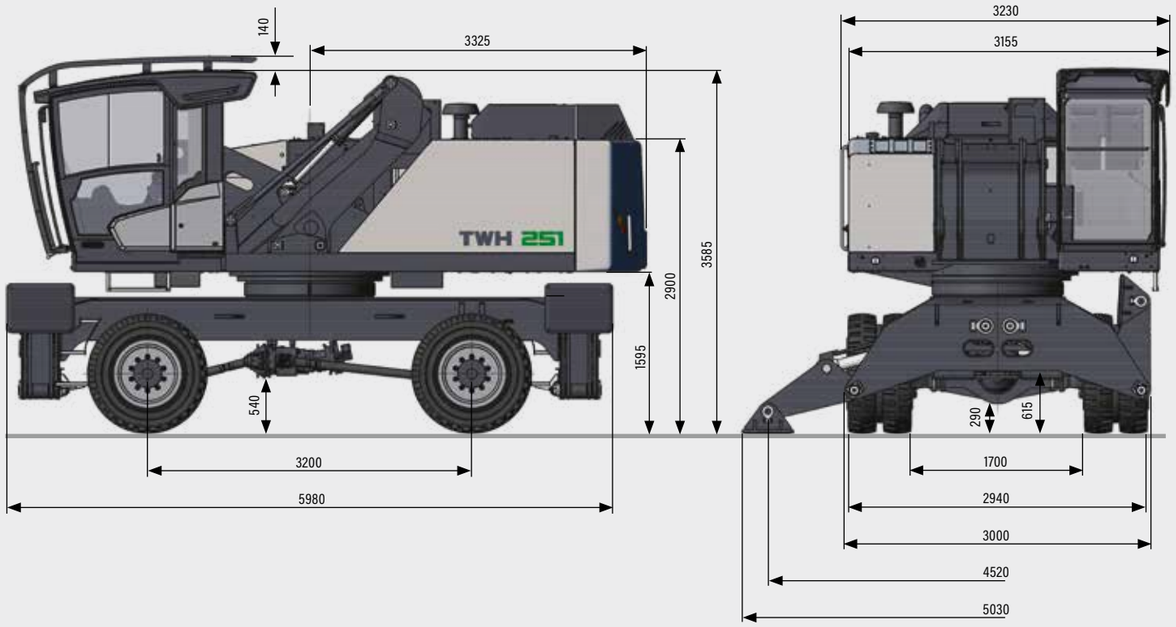
Specification subject to change without notice.

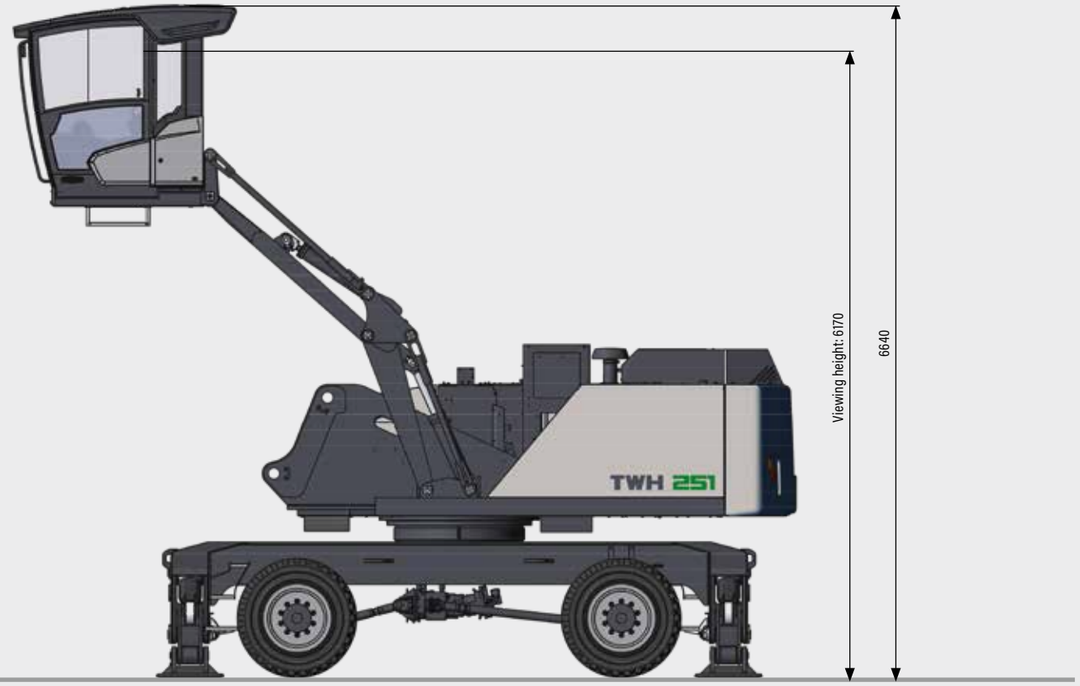
| **Diesel engine** | Standard | Option |
|---|---|---|
| Intercooler and coolant radiator | ● | |
| Direct electronic fuel injection / common rail | ● | |
| Advanced automatic idle incl. engine shut-off function | ● | |
| Engine preheating | | ● |
| Engine diagnostics interface | ● | |
| Temperature-dependent fan drive | ● | |
| **Undercarriage** | | |
| All-wheel drive with differential | ● | |
| Drum brakes | ● | |
| Rear axle oscillating lock | ● | |
| 2-speed powershift transmission | | ● |
| 4-point stabilisers | ● | |
| Dozer blade in addition to 4-point stabilisers | | ● |
| Stabiliser cylinders with integrated two-way check valves | ● | |
| Piston rod protection on stabiliser cylinders | ● | |
| Tool box | ● | |
| Special paint (customer paint work) | | ● |
| Solid rubber tyres 12.00-24 with intermediate rings | ● | |
| **Uppercarriage** | | |
| Separate cooling system for engine and hydraulic oil cooler | ● | |
| Cooling system with temperature-dependent fan drive | ● | |
| Fan drive reversing function | | ● |
| Automatic central lubrication system | ● | |
| Rear view camera | ● | |
| Side view camera | ● | |
| Driving warning device | | ● |
| Electric refuelling pump | | ● |
| Lighting protection | | ● |
| Special paint (customer paint work) | | ● |

| **Cab** | Standard | Option |
|---|---|---|
| Hydraulically adjustable cab | ● | |
| Cab system which can be elevated and moved forward | | ● |
| Safety glass | ● | |
| Sliding window in cab door | ● | |
| Reinforced glass P5A (windscreen and roof panel) | | ● |
| Reinforced glass P5A (windscreen and roof panel) (FQC) | ● | |
| Windshield washer system | ● | |
| Roof washer system | | ● |
| Air-cushioned operator seat with headrest, seatbelt, and lumbar support | ● | |
| Seat heating | | ● |
| Joystick steering | ● | |
| Steering column, height and tilt adjustable | | ● |
| Automatic air conditioning system | ● | |
| Independent heating system | | ● |
| Multi-function display | ● | |
| Document net | ● | |
| FOPS Guard | | ● |
| Front and FOPS Guard | | ● |
| 12 V transformer | | ● |
| Digital Radio (DAB+, USB, Bluetooth & hands-free system) | ● | |
| 12 V socket | | ● |
| Fire extinguisher, dry powder | | ● |
| Travel alarm w/ rotating beacon | | ● |
| **Other Equipment** | | |
| 20 kW DC generator with controls | | ● |
| 30 kW DC generator with controls | | ● |
| Close proximity range limiter for dipper stick | ● | |
| Coolant and hydraulic oil level monitoring system | ● | |
| Filter system for attachments | | ● |
| Filter system for attachments (FQC) | ● | |
| Hose rupture valve for boom cylinder | ● | |
| Hose rupture valve for stick cylinder | ● | |
| Overload warning device | | ● |
| Quick coupling on dipper stick | ● | |
| Dipper stick impact protection | | ● |
| Active cyclone prefilter (TOP AIR) | | ● |
| Hydraulic oil preheating | | ● |
| Lubrication of the grab suspension by central lubrication system | ● | |
| Light packages LED | | ● |
| LED front headlights | ● | |
| LED working lights cabin roof front | | ● |
| Boom cylinder damping system (piston accumulator) | | ● |
| Fuchs Telematics System, incl. 5 years contract | ● | |

Further optional equipment available on request!
Specification subject to change without notice.

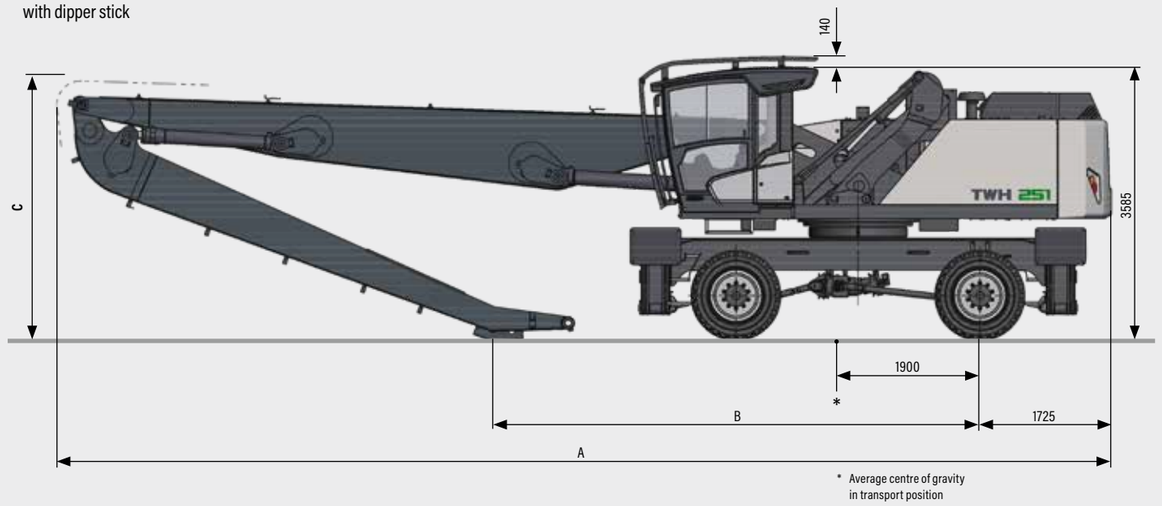
## Dimensions
(all dimensions in mm)




## Transport Dimensions
(all dimensions in mm)

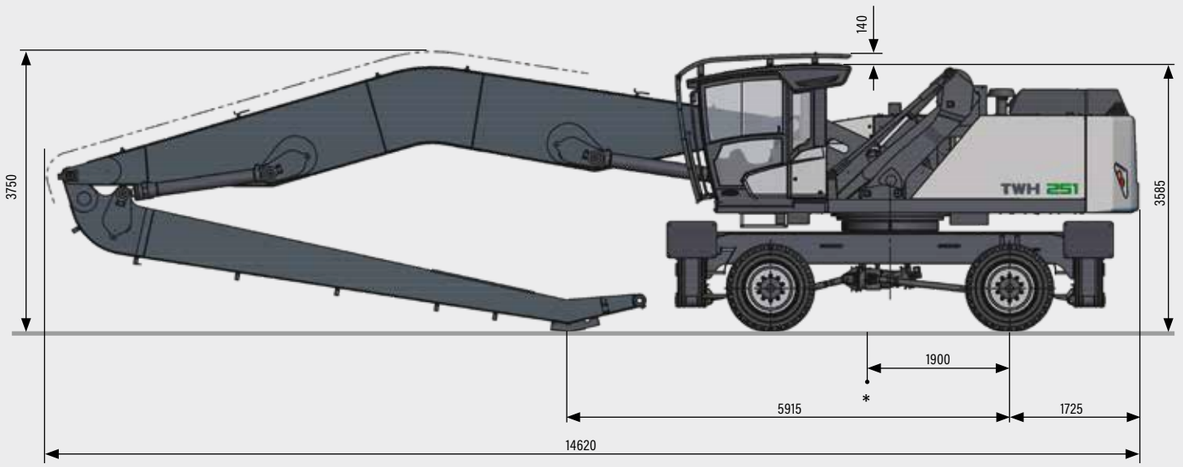
16.5 m and 18 m reach
with dipper stick




* Average centre of gravity
in transport position

| Reach | A | B | C |
|---|---|---|---|
| **16.5 m** | 13,840 mm | 6,375 mm | 3,400 mm |
| **18 m** | 14,625 mm | 6,400 mm | 3,670 mm |

18 m reach
with banana boom




* Average centre of gravity
in transport position

## 16.5 m reach with dipper stick

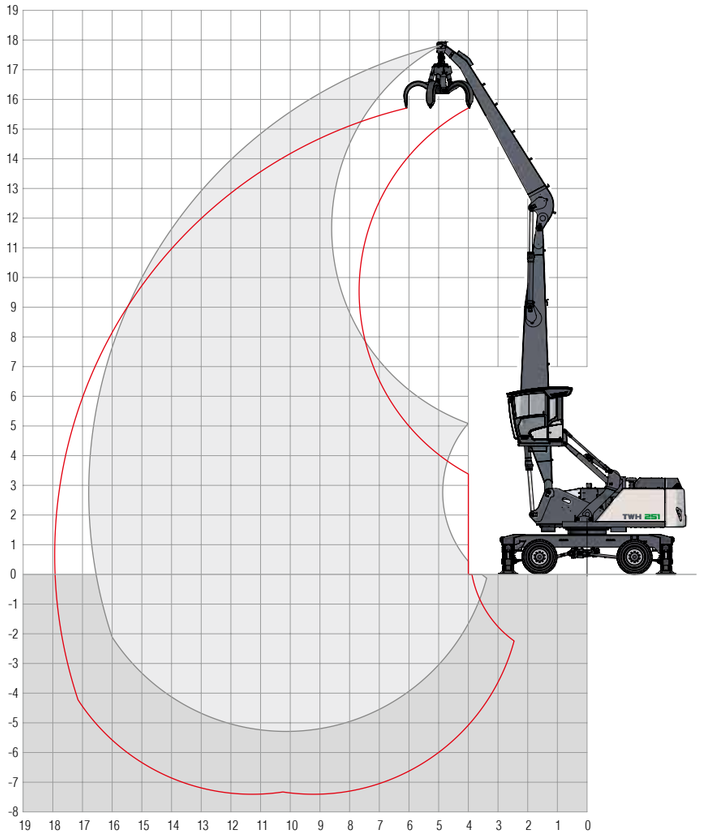
**Loading equipment**

Boom 8.9 m

Dipper stick 7.0 m

Cactus grab 0.8 m³

**Recommended attachments upon request**




Reach in m

| Height [m] | | Reach [m] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 4.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 |
| 15 | | | | | (8.4°) | (5.8°) | | | | |
| | | | | | 8.4° (8.4°) | 5.8° (5.8°) | | | | |
| 13.5 | | | | | (8.7°) | (6.7°) | (5.2°) | | | |
| | | | | | 9.3° (9.3°) | 8.3° (8.3°) | 5.8° (5.8°) | | | |
| 12 | | | | | (8.8°) | (6.8°) | (5.3°) | (4.2°) | | |
| | | | | | 9.2° (9.2°) | 8.2° (8.2°) | 7.5° (7.5°) | 5.0° (5.0°) | | |
| 10.5 | | | | | (8.8°) | (6.8°) | (5.3°) | (4.3°) | | |
| | | | | | 9.2° (9.2°) | 8.2° (8.2°) | 7.4° (7.4°) | 6.5 (6.7°) | | |
| 9 | | | | | (8.6°) | (6.7°) | (5.3°) | (4.3°) | (3.4°) | |
| | | | | | 9.4° (9.4°) | 8.3° (8.3°) | 7.5° (7.5°) | 6.4° (6.7°) | 5.3° (5.6°) | |
| 7.5 | | | | (11.2°) | (8.4°) | (6.5°) | (5.2°) | (4.2°) | (3.4°) | |
| | | | | 11.2° (11.2°) | 9.7° (9.7°) | 8.5° (8.5°) | 7.6° (7.6°) | 6.4° (6.8°) | 5.3° (6.0°) | |
| 6 | | | (14.8°) | (10.6°) | (8.0°) | (6.2°) | (5.0°) | (4.1°) | (3.4°) | |
| | | | 14.8° (14.8°) | 12.2° (12.2°) | 10.2° (10.2°) | 8.8° (8.8°) | 7.6° (7.7°) | 6.3° (6.8°) | 5.2° (6.0°) | |
| 4.5 | | (17.0°) | (13.8°) | (9.9°) | (7.5°) | (5.9°) | (4.8°) | (3.9°) | (3.3°) | (2.7°) |
| | | 24.0° (24.0°) | 17.0° (17.0°) | 13.1° (13.1°) | 10.7° (10.7°) | 9.0° (9.0°) | 7.4° (7.8°) | 6.1° (6.8°) | 5.2° (6.0°) | 4.4° (4.8°) |
| 3 | | | (12.3°) | (9.0°) | (7.0°) | (5.6°) | (4.6°) | (3.8°) | (3.2°) | (2.7°) |
| | | | 18.4° (18.4°) | 13.8° (13.8°) | 10.9° (10.9°) | 8.7° (9.2°) | 7.1° (7.9°) | 6.0° (6.8°) | 5.1° (5.8°) | 4.4° (4.8°) |
| 1.5 | | | (11.1°) | (8.3°) | (6.5°) | (5.3°) | (4.4°) | (3.7°) | (3.1°) | (2.7°) |
| | | | 12.2° (12.2°) | 13.6° (14.0°) | 10.4° (11.2°) | 8.4° (9.2°) | 6.9° (7.8°) | 5.8° (6.7°) | 5.0° (5.6°) | 4.3° (4.4°) |
| 0 | | | (9.1°) | (7.8°) | (6.2°) | (5.0°) | (4.2°) | (3.5°) | (3.0°) | (2.7°) |
| | | | 9.1° (9.1°) | 13.0° (13.6°) | 10.0° ( 10.9°) | 8.1° (9.0°) | 6.7° (7.5°) | 5.7° (6.4°) | 4.9° (5.2°) | 3.8° (3.8°) |
| -1.5 | | | (8.9°) | (7.5°) | (6.0°) | (4.9°) | (4.1°) | (3.5°) | (3.0°) | |
| | | | 8.9° (8.9°) | 12.6° (12.6°) | 9.8° (10.2°) | 7.9° (8.5°) | 6.6° (7.0°) | 5.6° (5.8°) | 4.6° (4.6°) | |
| -3 | | | (9.6°) | (7.4°) | (5.8°) | (4.8°) | (4.0°) | (3.4°) | (3.0°) | |
| | | | 9.6° (9.6°) | 10.9° (10.9°) | 9.1° (9.1°) | 7.5° (7.5°) | 6.2° (6.2°) | 5.0° (5.0°) | 3.6° (3.6°) | |
| -4.5 | | | | (7.5°) | (5.8°) | (4.8°) | (4.0°) | | | |
| | | | | 8.7° (8.7°) | 7.4° (7.4°) | 6.2° (6.2°) | 5.0° (5.0°) | | | |
| | | | | | | | | | | **Max. reach 16.8 m** |
| -2.7 | | | | | | | | | | (2.6°) |
| | | | | | | | | | | 4.0° (4.0°) |

**Key** Undercarriage stabilisation | Not supported | 4-point supported

The lift capacity values are stated in metric tons (t). The pump pressure is 350 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked *). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab. load hook. etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

## 18.0 m reach with dipper stick

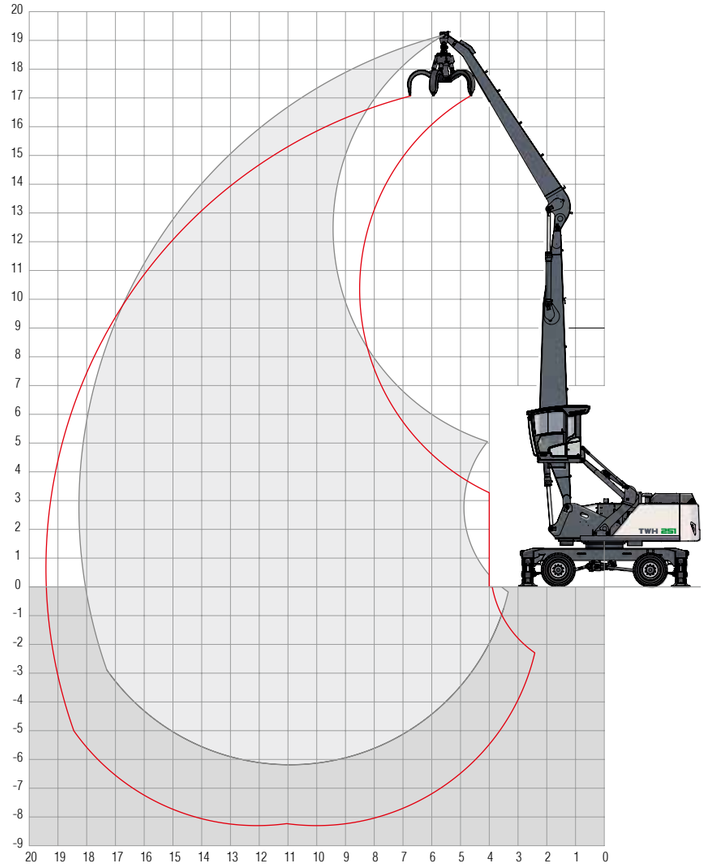
**Loading equipment**

Boom 9.7 m

Dipper stick 7.8 m

Cactus grab 0.8 m³

**Recommended attachments upon request**




| Height [m] | | Reach [m] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 |
| 15 | | | | | (8.8°) | (6.8°) | (5.3°) | | | | |
| | | | | | 8.8° (8.8°) | 7.9° (7.9°) | 6.3° (6.3°) | | | | |
| 13.5 | | | | | | (7.0°) | (5.5°) | (4.3°) | | | |
| | | | | | | 7.7° (7.7°) | 7.0° (7.0°) | 5.9° (5.9°) | | | |
| 12 | | | | | | (7.0°) | (5.5°) | (4.4°) | (3.5°) | | |
| | | | | | | 7.7° (7.7°) | 6.9° (6.9°) | 6.3° (6.3°) | 5.1° (5.1°) | | |
| 10.5 | | | | | | (6.9°) | (5.4°) | (4.4°) | (3.5°) | | |
| | | | | | | 7.7° (7.7°) | 6.9° (6.9°) | 6.3° (6.3°) | 5.4° (5.7°) | | |
| 9 | | | | | (8.8°) | (6.7°) | (5.3°) | (4.3°) | (3.5°) | (2.8°) | |
| | | | | | 9.0° (9.0°) | 7.9° (7.9°) | 7.0° (7.0°) | 6.3° (6.3°) | 5.4° (5.7°) | 4.5° (5.1°) | |
| 7.5 | | | | | (8.4°) | (6.5°) | (5.2°) | (4.2°) | (3.4°) | (2.8°) | |
| | | | | | 9.3° (9.3°) | 8.1° (8.1°) | 7.2° (7.2°) | 6.4° (6.4°) | 5.3° (5.7°) | 4.5° (5.1°) | |
| 6 | | | | (10.7°) | (8.0°) | (6.2°) | (4.9°) | (4.0°) | (3.3°) | (2.7°) | |
| | | | | 11.8° (11.8°) | 9.8° (9.8°) | 8.4° (8.4°) | 7.3° (7.3°) | 6.2° (6.5°) | 5.2° (5.7°) | 4.4° (5.1°) | |
| 4.5 | | (17.0°) | (13.7°) | (9.8°) | (7.4°) | (5.8°) | (4.7°) | (3.9°) | (3.2°) | (2.7°) | (2.2°) |
| | | 22.0° (22.0°) | 16.5° (16.5°) | 12.6° (12.6°) | 10.3° (10.3°) | 8.6° (8.6°) | 7.3° (7.4°) | 6.0° (6.5°) | 5.1° (5.7°) | 4.4° (5.0°) | 3.7° (4.2°) |
| 3 | | | (12.0°) | (8.8°) | (6.8°) | (5.4°) | (4.4°) | (3.7°) | (3.1°) | (2.6°) | (2.2°) |
| | | | 17.8° (17.8°) | 13.3° (13.3°) | 10.6° (10.6°) | 8.6° (8.8°) | 7.0° (7.5°) | 5.9° (6.5°) | 5.0° (5.7°) | 4.3° (4.9°) | 3.7° (4.0°) |
| 1.5 | | | (9.1°) | (8.0°) | (6.3°) | (5.1°) | (4.2°) | (3.5°) | (3.0°) | (2.5°) | (2.2°) |
| | | | 9.1° (9.1°) | 13.2° (13.5°) | 10.2° (10.7°) | 8.2° (8.8°) | 6.7° (7.5°) | 5.7° (6.4°) | 4.8° (5.5°) | 4.2° (4.7°) | 3.7° (3.7°) |
| 0 | | | (6.9°) | (7.4°) | (5.9°) | (4.8°) | (4.0°) | (3.3°) | (2.9°) | (2.5°) | (2.1°) |
| | | | 6.9° (6.9°) | 12.6° (13.1°) | 9.7° ( 10.5°) | 7.9° (8.7°) | 6.5° (7.3°) | 5.5° (6.2°) | 4.7° (5.3°) | 4.1° (4.4°) | 3.3° (3.3°) |
| -1.5 | | | (6.9°) | (7.1°) | (5.6°) | (4.6°) | (3.8°) | (3.2°) | (2.8°) | (2.4°) | |
| | | | 6.9° (6.9°) | 12.1° (12.1°) | 9.4° (9.9°) | 7.6° (8.2°) | 6.4° (6.9°) | 5.4° (5.8°) | 4.7° (4.9°) | 3.9° (3.9°) | |
| -3 | | | (7.5°) | (6.9°) | (5.4°) | (4.4°) | (3.7°) | (3.2°) | (2.7°) | (2.4°) | |
| | | | 7.5° (7.5°) | 10.7° (10.7°) | 8.9° (8.9°) | 7.5° (7.5°) | 6.2° (6.2°) | 5.3° (5.3°) | 4.3° (4.3°) | 3.2° (3.2°) | |
| -4.5 | | | | (6.9°) | (5.4°) | (4.4°) | (3.7°) | (3.1°) | (2.7°) | | |
| | | | | 8.8° (8.8°) | 7.6° (7.6°) | 6.4° (6.4°) | 5.4° (5.4°) | 4.4° (4.4°) | 3.4° (3.4°) | | |
| -6 | | | | | | (4.4°) | (3.7°) | | | | |
| | | | | | | 5.0° (5.0°) | 4.1° (4.1°) | | | | |
| | | | | | | | | | | | **Max. reach 18.3 m** |
| -2.7 | | | | | | | | | | | (2.1°) |
| | | | | | | | | | | | 3.6° (3.8°) |

**Key** Undercarriage stabilisation | Not supported | 4-point supported

The lift capacity values are stated in metric tons (t). The pump pressure is 350 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab. load hook. etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

## 18.0 m reach with banana boom

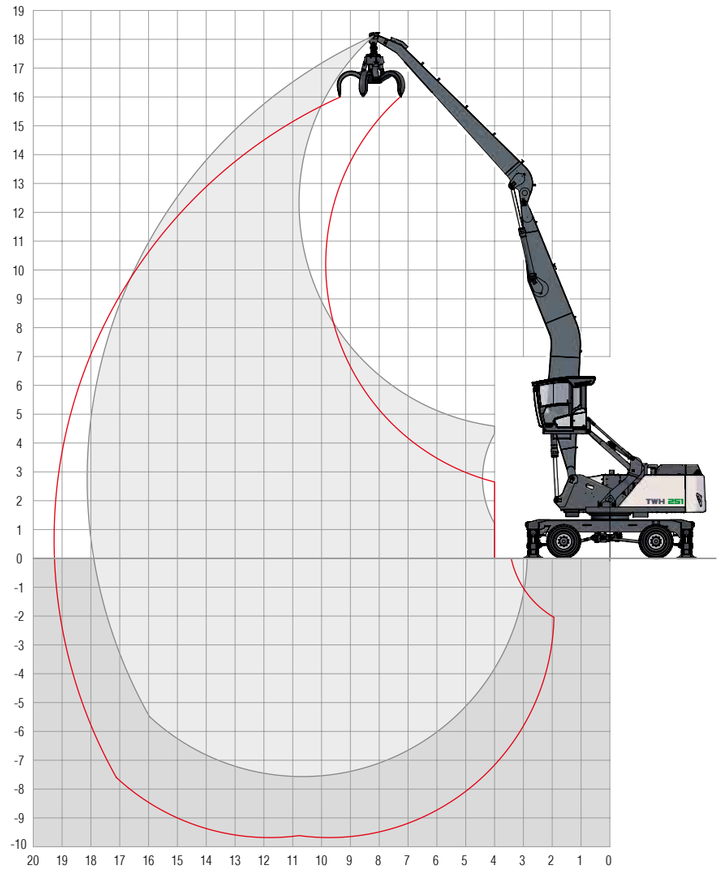
**Loading equipment**

Boom 9.7 m

Dipper stick 7.8 m

Cactus grab 0.8 $m^3$

**Recommended attachments upon request**




Reach in m

| Height [m] | | Reach [m] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 |
| 15 | | | | | | (6.5°) | (5.3°) | | | | |
| | | | | | | 6.5° (6.5°) | 5.5° (5.5°) | | | | |
| 13.5 | | | | | | | (5.4°) | (4.2°) | | | |
| | | | | | | | 5.9° (5.9°) | 5.2° (5.2°) | | | |
| 12 | | | | | | | (5.5°) | (4.3°) | (3.4°) | | |
| | | | | | | | 5.8° (5.8°) | 5.4° (5.4°) | 4.4° (4.4°) | | |
| 10.5 | | | | | | | (5.4°) | (4.3°) | (3.4°) | | |
| | | | | | | | 5.9° (5.9°) | 5.4° (5.4°) | 5.0° (5.0°) | | |
| 9 | | | | | | (6.6°) | (5.3°) | (4.2°) | (3.4°) | (2.7°) | |
| | | | | | | 6.6° (6.6°) | 6.0° (6.0°) | 5.5° (5.5°) | 5.1° (5.1°) | 4.4° (4.4°) | |
| 7.5 | | | | | | (6.5°) | (5.1°) | (4.1°) | (3.3°) | (2.7°) | |
| | | | | | | 6.8° (6.8°) | 6.1° (6.1°) | 5.6° (5.6°) | 5.1° (5.1°) | 4.4° (4.7°) | |
| 6 | | | | | (7.9°) | (6.1°) | (4.9°) | (3.9°) | (3.2°) | (2.7°) | |
| | | | | | 8.3° (8.3°) | 7.2° (7.2°) | 6.4° (6.4°) | 5.7° (5.7°) | 5.1° (5.1°) | 4.3° (4.7°) | |
| 4.5 | | (17.0°) | (13.7°) | (9.7°) | (7.3°) | (5.7°) | (4.6°) | (3.8°) | (3.1°) | (2.6°) | (2.1°) |
| | | 20.0° (20.0°) | 14.0° (14.0°) | 10.8° (10.8°) | 8.9° (8.9°) | 7.6° (7.6°) | 6.6° (6.6°) | 5.9° (5.9°) | 5.0° (5.2°) | 4.3° (4.7°) | 3.6° (3.6°) |
| 3 | | | (11.8°) | (8.7°) | (6.7°) | (5.3°) | (4.3°) | (3.6°) | (3.0°) | (2.5°) | (2.1°) |
| | | | 15.7° (15.7°) | 11.7° (11.7°) | 9.4° (9.4°) | 7.9° (7.9°) | 6.8° (6.8°) | 5.8° (6.0°) | 4.9° (5.3°) | 4.2° (4.7°) | 3.6° (4.0°) |
| 1.5 | | | (10.4°) | (7.8°) | (6.1°) | (4.9°) | (4.1°) | (3.4°) | (2.8°) | (2.4°) | (2.1°) |
| | | | 10.6° (10.6°) | 12.4° (12.4°) | 9.8° (9.8°) | 8.0° (8.0°) | 6.6° (6.9°) | 5.6° (6.0°) | 4.7° (5.3°) | 4.1° (4.7°) | 3.6° (4.0°) |
| 0 | | | (7.8°) | (7.2°) | (5.7°) | (4.6°) | (3.8°) | (3.2°) | (2.7°) | (2.3°) | |
| | | | 7.8° (7.8°) | 12.3° (12.6°) | 9.6° ( 10.0°) | 7.7° (8.2°) | 6.4° (7.0°) | 5.4° (6.0°) | 4.6° (5.2°) | 4.0° (4.5°) | |
| -1.5 | | | (7.6°) | (6.8°) | (5.4°) | (4.4°) | (3.7°) | (3.1°) | (2.7°) | (2.3°) | |
| | | | 7.6° (7.6°) | 11.9° (12.3°) | 9.2° (9.9°) | 7.5° (8.1°) | 6.2° (6.9°) | 5.3° (5.9°) | 4.5° (5.1°) | 4.0° (4.3°) | |
| -3 | | | (7.9°) | (6.6°) | (5.2°) | (4.2°) | (3.6°) | (3.0°) | (2.6°) | (2.3°) | |
| | | | 7.9° (7.9°) | 11.6° (11.6°) | 9.0° (9.4°) | 7.3° (7.8°) | 6.1° (6.6°) | 5.2° (5.6°) | 4.5° (4.7°) | 3.9° (3.9°) | |
| -4.5 | | | (8.6°) | (6.6°) | (5.1°) | (4.2°) | (3.5°) | (3.0°) | (2.6°) | | |
| | | | 8.6° (8.6°) | 10.4° (10.4°) | 8.6° (8.6°) | 7.2° (7.2°) | 6.0° (6.0°) | 5.1° (5.1°) | 4.2° (4.2°) | | |
| -6 | | | (9.3°) | (6.7°) | (5.2°) | (4.2°) | (3.5°) | (3.0°) | (2.7°) | | |
| | | | 9.3° (9.3°) | 8.9° (8.9°) | 7.5° (7.5°) | 6.3° (6.3°) | 5.3° (5.3°) | 4.4° (4.4°) | 3.3° (3.3°) | | |
| | | | | | | | | | | | **Max. reach 18.1 m** |
| -2.7 | | | | | | | | | | | (2.0) |
| | | | | | | | | | | | 3.5° (3.5°) |

**Key** Undercarriage stabilisation | Not supported | 4-point supported

The lift capacity values are stated in metric tons (t). The pump pressure is 350 bar. In accordance with ISO 10567 the lift capacity values represents 75% of the static tipping loads or 87% of the hydraulic lifting force (marked °). On solid and level ground the values apply to a swing range of 360°. The (...) values apply in the longitudinal direction of the undercarriage. The values for "not supported" only apply via the steering axle or the locked oscillating axle. The weights of the attached load hoisting equipment (grab. load hook. etc.) must be deducted from the lift capacity values. The working load of the lifting device must be observed. In accordance with the EN 474-5 for object handling application hose rupture valves on the boom and stick cylinders, an overload warning device and the lift capacity table in the cab are required. For object handling application the machine has to be supported on a level ground.

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