

# Volvo EWR150E in detail

## Engine

Volvo Construction Equipment is ready to comply with the tough new EU Stage V legislation for off-road vehicles with the introduction of a cascade of innovations in its new generation engines with Volvo Advanced combustion technology (V-ACT).

Volvo machines are equipped with in-line turbo charged diesel engine with high pressure unit injector system. The engine features a externally cooled exhaust gas re-circulation (E-EGR), a Diesel Particulate Filter (DPF) and a Selective Catalytic Reduction (SCR) with AdBlue®.

|                             |       |       |
|-----------------------------|-------|-------|
| Engine                      | Volvo | D4J   |
| Max. power at               | r/min | 2 000 |
| Net (ISO9249/SAEJ1349)      | kW    | 102   |
|                             | hp    | 139   |
| Gross (ISO 14396/SAE J1995) | kW    | 105   |
|                             | hp    | 143   |
| Max. torque                 | Nm    | 605   |
| at engine speed             | r/min | 1 500 |
| No. of cylinders            |       | 4     |
| Displacement                | l     | 4.04  |
| Bore                        | mm    | 101   |
| Stroke                      | mm    | 126   |

## Electrical system

High-capacity electrical system that is well protected. Waterproof double-lock harness plugs are used to secure corrosion-free connections. The main relays and solenoid valves are shielded to prevent damage. The master switch is standard.

|                   |      |         |
|-------------------|------|---------|
| Voltage           | V    | 24      |
| Batteries         | V    | 2 x 12  |
| Battery capacity  | Ah   | 2 x 100 |
| Alternator        | V/Ah | 24/120  |
| Alternator rating | W    | 3 360   |

## Undercarriage

Drive train: A variable axle piston motor in combination with a power shift gearbox supplies 3 speeds. The gearbox distributes than the energy via propeller shafts to the axles.

2 different undercarriages : a) Welded radial blade only with EW140 drive train. b) Bolted undercarriage with parrallel blade with EW160 drivetrain and the option to add outriggers .

Wheels: Alternative single and twin wheels available.

Front axle: Robust excavator axle with automatic or operator controlled front axle oscillation lock.

|                        |      |              |
|------------------------|------|--------------|
| Oscillating            | ± °  | 9            |
| with mudguards         | ± °  | 6            |
| Twin wheels            | type | 10/11-20     |
| Tractive force (net)   | kN   | 88 / 111     |
| Travel speed, on road  | km/h | 20 / 30 / 35 |
| Travel speed, off road | km/h | 5.0 / 8.5    |
| Travel speed, creep    | km/h | 3            |
| Min. turning radius    | m    | 7.3          |

## Swing system

The superstructure is slewed by the means of a radial piston motor without reduction gear.

Automatic slew holding brake and anti-rebound valve are standard.

|                 |       |   |
|-----------------|-------|---|
| Max. slew speed | r/min | 9 |
|-----------------|-------|---|

## Brake system

Service brakes: servo-hydraulically manoeuvred self-adjusting wet multidiscs with two separate brake circuits.

Parking brake: negative wet disc in gear housing, spring applied and pressure released.

Digging brake: service brake with mechanical lock system.

Security system: The 2-circuit travel brakes are supplied with two accumulators in the event of failure in the service brake system.

## Sound Level

Sound pressure level in cab according to ISO 6396

|                                                                              |    |     |
|------------------------------------------------------------------------------|----|-----|
| L <sub>pA</sub>                                                              | dB | 71  |
| External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC |    |     |
| L <sub>WA</sub>                                                              | dB | 100 |

## Hydraulic system

Load sensing hydraulic system with pressure compensated valves. Load independence of movements. Flow sharing feature, combined with a high flow pump (power regulation). The system gives superior manoeuvrability and fast movements, for optimal working result and economy.

The following working modes are included in the system:

Parking mode (P): Parking position for optimal safety.

Travel mode (T): Engine speed is controlled by travel pedal stroke for low fuel consumption and noise.

Working mode (W): Full working flow with adjustable engine rpm for normal working and best speed utilisation.

Customer mode (C): Operator can set proper oil flow in accordance with job conditions.

Power Boost: All digging and lifting forces are increased.

### Main pump (type low noise axial piston pump)

|           |       |     |
|-----------|-------|-----|
| Max. flow | l/min | 275 |
|-----------|-------|-----|

### Brake + steering pump (type low noise gear pump)

|           |       |    |
|-----------|-------|----|
| Max. flow | l/min | 50 |
|-----------|-------|----|

### Attachment circuit

|           |       |     |
|-----------|-------|-----|
| Max. flow | l/min | 220 |
|-----------|-------|-----|

### Relief valve setting pressure

|           |     |           |
|-----------|-----|-----------|
| Implement | MPa | 32.5 / 36 |
|-----------|-----|-----------|

|               |     |    |
|---------------|-----|----|
| Travel system | MPa | 36 |
|---------------|-----|----|

|              |     |     |
|--------------|-----|-----|
| Pilot system | MPa | 3.5 |
|--------------|-----|-----|

## Total Machine Weights

Machine with 4.5 m monoblock boom, 2.45 m dipper arm, quickfit S6, 410 kg / 580 l bucket.

|                                                          |    |        |
|----------------------------------------------------------|----|--------|
| With welded radial dozer blade front and outriggers rear | kg | 16 500 |
|----------------------------------------------------------|----|--------|

|                                          |    |        |
|------------------------------------------|----|--------|
| With welded radial dozer blade rear only | kg | 15 400 |
|------------------------------------------|----|--------|

|                                                   |    |        |
|---------------------------------------------------|----|--------|
| With bolted dozer blade front and outriggers rear | kg | 17 400 |
|---------------------------------------------------|----|--------|

|                                   |    |        |
|-----------------------------------|----|--------|
| With bolted dozer blade rear only | kg | 16 300 |
|-----------------------------------|----|--------|

Machine with 4.7m 2-piece boom, 2.45 m dipper arm, quickfit S6, 410 kg / 580 l bucket.

|                                                          |    |        |
|----------------------------------------------------------|----|--------|
| With welded radial dozer blade front and outriggers rear | kg | 17 000 |
|----------------------------------------------------------|----|--------|

|                                          |    |        |
|------------------------------------------|----|--------|
| With welded radial dozer blade rear only | kg | 15 900 |
|------------------------------------------|----|--------|

|                                                   |    |        |
|---------------------------------------------------|----|--------|
| With bolted dozer blade front and outriggers rear | kg | 17 900 |
|---------------------------------------------------|----|--------|

|                                   |    |        |
|-----------------------------------|----|--------|
| With bolted dozer blade rear only | kg | 16 800 |
|-----------------------------------|----|--------|

## Service Refill

|           |   |     |
|-----------|---|-----|
| Fuel tank | l | 200 |
|-----------|---|-----|

|                  |   |    |
|------------------|---|----|
| DEF/AdBlue® tank | l | 25 |
|------------------|---|----|

|                         |   |     |
|-------------------------|---|-----|
| Hydraulic system, total | l | 230 |
|-------------------------|---|-----|

|                |   |     |
|----------------|---|-----|
| Hydraulic tank | l | 104 |
|----------------|---|-----|

|            |   |    |
|------------|---|----|
| Engine oil | l | 16 |
|------------|---|----|

|                |   |    |
|----------------|---|----|
| Engine coolant | l | 32 |
|----------------|---|----|

|              |   |     |
|--------------|---|-----|
| Transmission | l | 2.5 |
|--------------|---|-----|

### Axle differential:

|            |   |     |
|------------|---|-----|
| Front axle | l | 9.5 |
|------------|---|-----|

|           |   |      |
|-----------|---|------|
| Rear axle | l | 12.5 |
|-----------|---|------|

|             |   |         |
|-------------|---|---------|
| Final drive | l | 4 x 2.5 |
|-------------|---|---------|

## Cab

New design Volvo Care Cab with operator protective structure, large and roomy interior. One way travel pedal with rocker switch control (F-N-R) on the right joystick. One-touch release for digging brake pedal.

Audio system with remote control and Bluetooth system for hands free phoning. Independently adjustable joystick consoles.

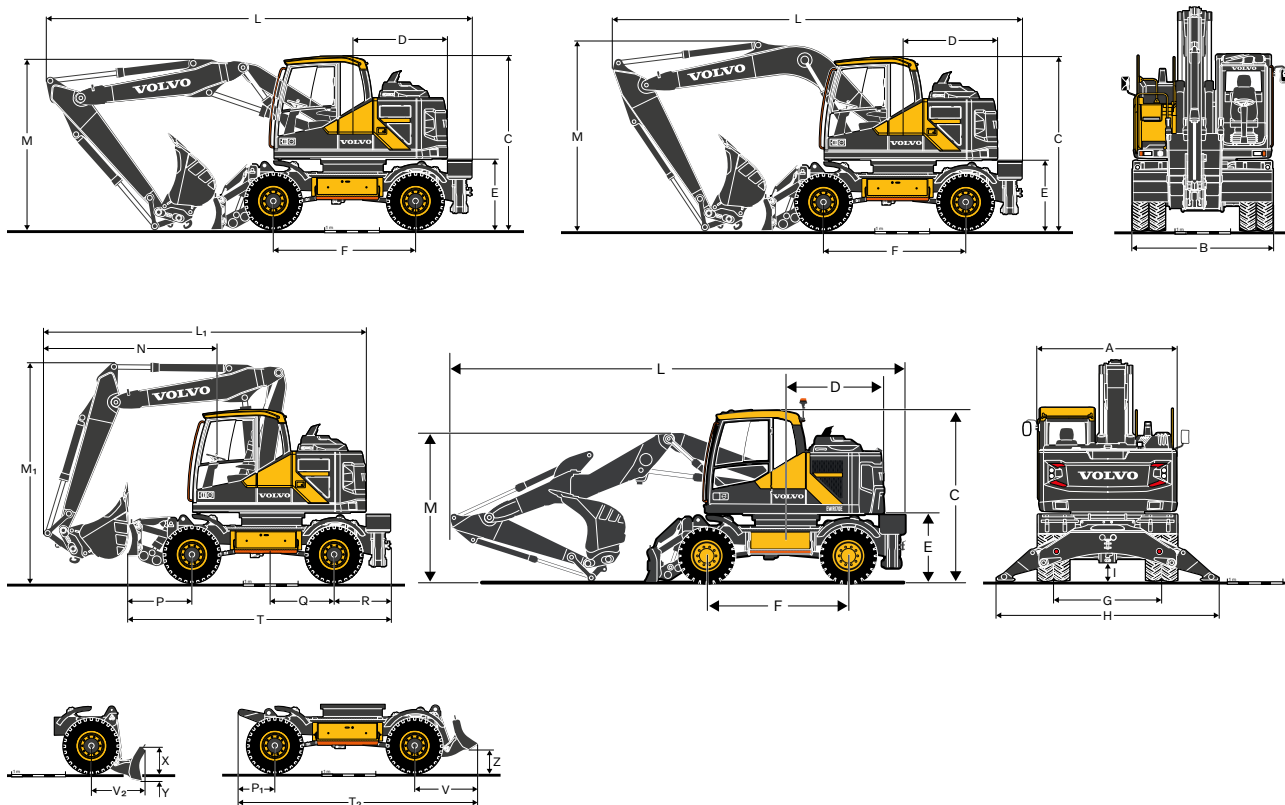
Excellent all-round visibility provided by maximized cab class, transparent roof hatch, 2-piece sliding door window and long stroke, easy to adjust and new narrow steering column. The liftable front windshield can easily be stored in the inside roof space and clipped in position. The removable lower front glass can be stored in the side door pocket. Interior lighting consists of one reading light and one light with timer.

The pressurized and filtered cab air is supplied by a 14-vent climate-control providing fast defrosting and high cooling and heating performance. Viscous/ spring mounted suspension cushions protect the operator from vibrations. Deluxe air-suspension seat with adjustable seat suspension, height, tilt, recline and forward-backward settings.(option)

Adjustable, easy to read 8.3" LCD color monitor provides real time information of machine functions and important diagnostic information and is switchable to rear view camera monitor( standard ) / side view camera ( option ). A new multi function button on left hand joystick with programmable function to improve the operator comfort.

Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1.430 t CO<sub>2</sub>-eq.

# Specifications

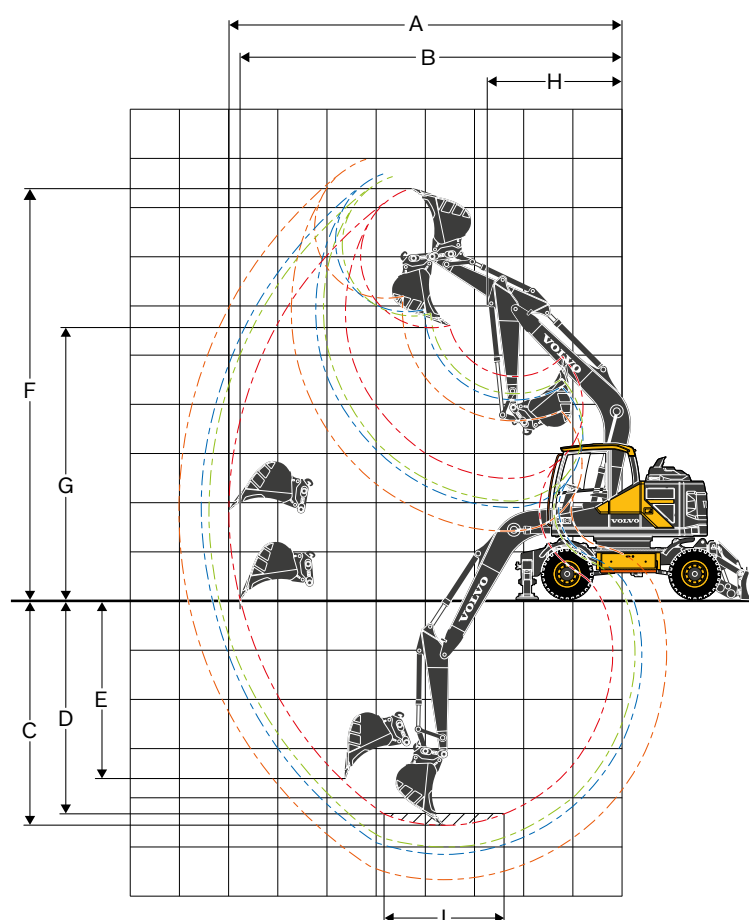


| DIMENSIONS                        |      | EWR150E   |       |       |       |              |       |       |         |
|-----------------------------------|------|-----------|-------|-------|-------|--------------|-------|-------|---------|
| Description                       | Unit | Mono boom |       |       |       | 2-piece boom |       |       |         |
|                                   | m    | 4.5       |       |       |       | 4.7          |       |       |         |
| A Overall width of superstructure | mm   | 2 520     |       |       |       | 2 520        |       |       |         |
| B Overall width                   | mm   | 2 540     |       |       |       | 2 540        |       |       |         |
| C Overall height of cab           | mm   | 3 150     |       |       |       | 3 150        |       |       |         |
| D Tail slew radius                | mm   | 1 720     |       |       |       | 1 720        |       |       |         |
| E Counterweight clearance         | mm   | 1 260     |       |       |       | 1 260        |       |       |         |
| F Wheel base                      | mm   | 2 600     |       |       |       | 2 600        |       |       |         |
| G Tread                           | mm   | 1 940     |       |       |       | 1 940        |       |       |         |
| H Outrigger width (front or rear) | mm   | 3 990     |       |       |       | 3 990        |       |       |         |
| I Min. ground clearance           | mm   | 340       |       |       |       | 340          |       |       |         |
| Description                       | Unit | Mono boom |       |       |       | 2-piece boom |       |       |         |
|                                   | m    | 4.5       |       |       |       | 4.7          |       |       |         |
|                                   |      | Arm       |       |       |       | Arm          |       |       |         |
|                                   | m    | 2.0       | 2.45  | 2.6   | 3.1   | 2.0          | 2.45  | 2.6   | 3.1     |
| L Overall length                  | mm   | 7 640     | 7 500 | 7 560 | 7 570 | 7 830        | 7 760 | 7 790 | 7 640   |
| M Overall height of boom          | mm   | 2 950     | 3 330 | 3 320 | 3 320 | 2 730        | 3 080 | 3 040 | 3 420   |
| L1 Overall length                 | mm   | -         | -     | -     | -     | 6 460        | 6 570 | 6 610 | 5 740*  |
| M1 Overall height of boom         | mm   | -         | -     | -     | -     | 3 960        | 3 970 | 3 970 | 3 980** |
| N Front overhang                  | mm   | -         | -     | -     | -     | 3 050        | 3 150 | 3 190 | 2 330** |

\*\* without bucket

# Specifications

## EWR150E



### WORKING RANGES WITH DIRECT FIT BUCKET

| Description                             | Unit | Mono boom EWR150E |       |       |       |
|-----------------------------------------|------|-------------------|-------|-------|-------|
|                                         | m    | 4.5               |       |       |       |
|                                         |      | Arm               |       |       |       |
|                                         | m    | 2.0               | 2.45  | 2.6   | 3.1   |
| A Max. digging reach                    | mm   | 7 980             | 8 400 | 8 540 | 9 010 |
| B Max. digging reach on ground          | mm   | 7 770             | 8 200 | 8 340 | 8 820 |
| C Max. digging depth                    | mm   | 4 610             | 5 070 | 5 210 | 5 710 |
| D Max. digging depth (l = 2.44 m level) | mm   | 4 380             | 4 870 | 5 050 | 5 550 |
| E Max. vertical wall digging depth      | mm   | 3 670             | 4 100 | 4 250 | 4 770 |
| F Max. cutting height                   | mm   | 8 320             | 8 560 | 8 640 | 8 910 |
| G Max. dumping height                   | mm   | 5 500             | 5 740 | 5 820 | 6 090 |
| H Min. front slew radius                | mm   | 2 740             | 2 740 | 2 750 | 2 730 |

### DIGGING FORCES WITH DIRECT FIT BUCKET

|                               |    |        |        |        |        |
|-------------------------------|----|--------|--------|--------|--------|
| Breakout force - bucket (ISO) | kN | 108.5* | 108.5* | 108.5* | 108.5* |
| Tearout force (ISO)           | kN | 73*    | 63.5*  | 61*    | 53.5*  |

### Max. recommended sizes for direct fit buckets

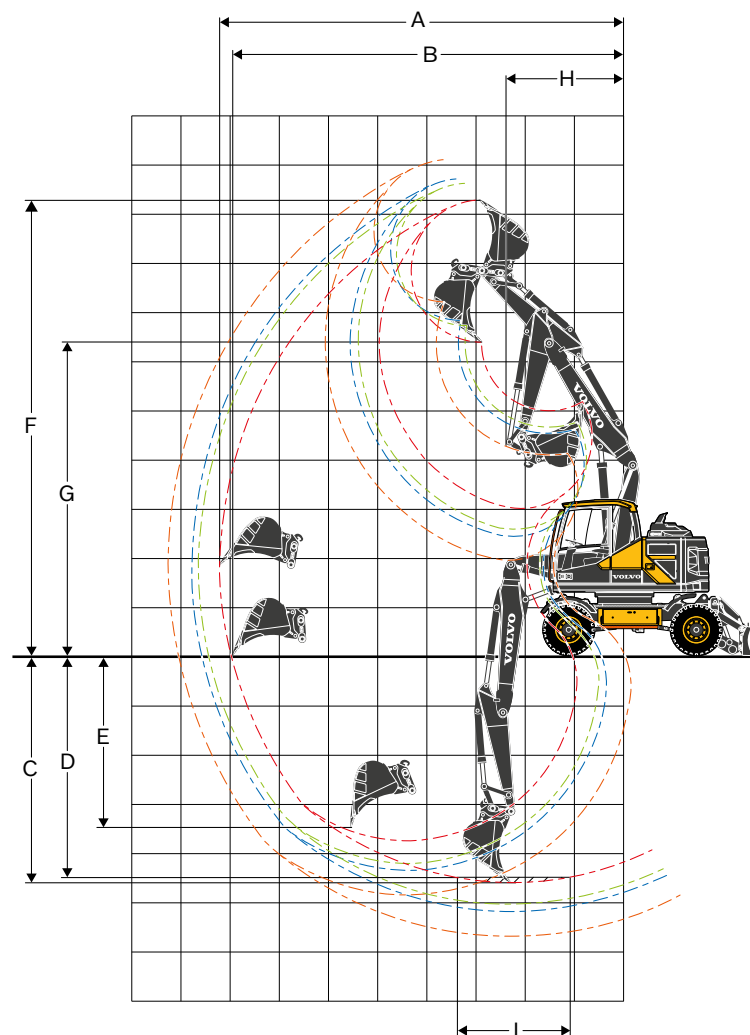
|                                   |   |     |     |     |     |
|-----------------------------------|---|-----|-----|-----|-----|
| GP-Bucket (1.8 t/m <sup>3</sup> ) | l | 730 | 730 | 730 | 730 |
|-----------------------------------|---|-----|-----|-----|-----|

### Max. recommended sizes for quick fit buckets

|                                             |   |     |     |     |     |
|---------------------------------------------|---|-----|-----|-----|-----|
| S6/S60 QF GP-Bucket (1.8 t/m <sup>3</sup> ) | l | 730 | 730 | 730 | 730 |
| S6 QF HD-Bucket (2.1 t/m <sup>3</sup> )     | l | 520 | 520 | 520 | 520 |
| UQF GP-Bucket (1.8 t/m <sup>3</sup> )       | l | 730 | 730 | 730 | 660 |

\*with Power boost

Note: 1. Bucket size based on SAE-J296, heaped material with a 1:1 angle of repose. 2. "Max permitted sizes" are for reference only and are not necessarily available from the factory.



#### WORKING RANGES WITH DIRECT FIT BUCKET

|   |                                         | 4.7 m 2-piece boom EWR150E |       |       |       |        |
|---|-----------------------------------------|----------------------------|-------|-------|-------|--------|
|   |                                         | Unit                       | Arm   |       |       |        |
|   |                                         | m                          | 2.0   | 2.45  | 2.6   | 3.1    |
| A | Max. digging reach                      | mm                         | 8 240 | 8 670 | 8 810 | 9 300  |
| B | Max. digging reach on ground            | mm                         | 8 040 | 8 470 | 8 620 | 9 110  |
| C | Max. digging depth                      | mm                         | 4 650 | 5 100 | 5 240 | 5 740  |
| D | Max. digging depth (l = 2 440 mm level) | mm                         | 4 530 | 5 000 | 5 140 | 5 640  |
| E | Max. vertical wall digging depth        | mm                         | 3 520 | 4 000 | 4 100 | 4 600  |
| F | Max. cutting height                     | mm                         | 9 220 | 9 560 | 9 670 | 10 030 |
| G | Max. dumping height                     | mm                         | 6 340 | 6 670 | 6 780 | 7 150  |
| H | Min. front slew radius                  | mm                         | 2 440 | 2 560 | 2 600 | 2 740  |

#### DIGGING FORCES WITH DIRECT FIT BUCKET

|                         |       |    |        |        |        |        |
|-------------------------|-------|----|--------|--------|--------|--------|
| Breakout force (bucket) | (ISO) | kN | 108.5* | 108.5* | 108.5* | 108.5* |
| Tearout force           | (ISO) | kN | 73*    | 63.5*  | 61*    | 53.5*  |

\* with powerboost

#### Max. recommended sizes for direct fit buckets

|                                   |   |     |     |     |     |
|-----------------------------------|---|-----|-----|-----|-----|
| GP-Bucket (1.8 t/m <sup>3</sup> ) | l | 730 | 730 | 730 | 730 |
|-----------------------------------|---|-----|-----|-----|-----|

#### Max. recommended sizes for quick fit buckets

|                                             |   |     |     |     |     |
|---------------------------------------------|---|-----|-----|-----|-----|
| S6/S60 QF GP-Bucket (1.8 t/m <sup>3</sup> ) | l | 730 | 730 | 730 | 580 |
| S6 QF HD-Bucket (2.1 t/m <sup>3</sup> )     | l | 520 | 520 | 520 | 520 |
| S1 QF GP-Bucket (1.8 t/m <sup>3</sup> )     | l | 730 | 730 | 730 | 580 |

Note: 1. Bucket size based on SAE-J296, heaped material with a 1:1 angle of repose. | 2. "Max permitted sizes" are for reference only and are not necessarily available from the factory. | 3. "Max permitted sizes" are for heavy counterweight.

# Specifications

## EWR150E

### LIFTING CAPACITY EWR150E - Welded undercarriage

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. **With heavy counterweight. Unit: 1 000kg**

|                                                                               | Lifting point | Reach from machine centre (u = support up/d = support down) |      |          |      |           |      |          |      |           |      |          |      |           |      |          |      |      |     |
|-------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|------|----------|------|-----------|------|----------|------|-----------|------|----------|------|-----------|------|----------|------|------|-----|
|                                                                               |               | 1.5 m                                                       |      |          |      | 3.0 m     |      |          |      | 4.5 m     |      |          |      | 6.0 m     |      |          |      | Max. |     |
|                                                                               |               | Across UC                                                   |      | Along UC |      | Across UC |      | Along UC |      | Across UC |      | Along UC |      | Across UC |      | Along UC |      | Max. |     |
|                                                                               | m             | u                                                           | d    | u        | d    | u         | d    | u        | d    | u         | d    | u        | d    | u         | d    | u        | d    | u    | m   |
| 4.5 m mono boom<br>2.0 m dipper arm<br>Front radial blade<br>Rear outriggers  | 7.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    | -   |
|                                                                               | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.8       | 4.1* | 4.1*     | 4.1* | -         | -    | -        | -    | 3.3  | 4.9 |
|                                                                               | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.7       | 4.4* | 4.4*     | 4.4* | -         | -    | -        | -    | 2.4  | 5.9 |
|                                                                               | 3             | -                                                           | -    | -        | -    | 6.3       | 8.0* | 8.0*     | 8.0* | 3.5       | 5.3* | 5.3*     | 5.3* | 2.3       | 4.0  | 3.7      | 4.3* | 2.1  | 6.4 |
|                                                                               | 1.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.3       | 6.0  | 5.6      | 6.2* | 2.2       | 3.9  | 3.7      | 4.7* | 2.0  | 6.5 |
|                                                                               | 0             | -                                                           | -    | -        | -    | 5.7       | 7.0* | 7.0*     | 7.0* | 3.2       | 5.8  | 5.5      | 6.6* | 2.2       | 3.8  | 3.6      | 4.8* | 2.1  | 6.3 |
|                                                                               | -1.5          | -                                                           | -    | -        | -    | 5.8       | 9.3* | 9.3*     | 9.3* | 3.2       | 5.8  | 5.5      | 6.3* | -         | -    | -        | -    | 2.4  | 5.6 |
|                                                                               | -3            | -                                                           | -    | -        | -    | 5.9       | 7.0* | 7.0*     | 7.0* | -         | -    | -        | -    | -         | -    | -        | -    | 3.5  | 4.3 |
| 4.5 m mono boom<br>2.45 m dipper arm<br>Front radial blade<br>Rear outriggers | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.7* | 5.5 |
|                                                                               | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.8       | 3.9* | 3.9*     | 3.9* | 2.4       | 3.7* | 3.7*     | 3.7* | 2.2  | 6.4 |
|                                                                               | 3             | -                                                           | -    | -        | -    | 6.5       | 7.0* | 7.0*     | 7.0* | 3.6       | 4.9* | 4.9*     | 4.9* | 2.3       | 4.0  | 3.8      | 4.1* | 1.9  | 6.8 |
|                                                                               | 1.5           | -                                                           | -    | -        | -    | 5.9       | 6.8* | 6.8*     | 6.8* | 3.4       | 5.9* | 5.6      | 5.9* | 2.2       | 3.9  | 3.7      | 4.5* | 1.8  | 6.9 |
|                                                                               | 0             | -                                                           | -    | -        | -    | 5.7       | 7.2* | 7.2*     | 7.2* | 3.2       | 5.8  | 5.5      | 6.5* | 2.2       | 3.8  | 3.6      | 4.8* | 1.9  | 6.7 |
|                                                                               | -1.5          | 5.8*                                                        | 5.8* | 5.8*     | 5.8* | 5.7       | 9.7* | 9.7*     | 9.7* | 3.2       | 5.8  | 5.4      | 6.4* | 2.2       | 3.8  | 3.6      | 4.5* | 2.1  | 6.1 |
|                                                                               | -3            | -                                                           | -    | -        | -    | 5.8       | 8.0* | 8.0*     | 8.0* | 3.2       | 5.3* | 5.3*     | 5.3* | -         | -    | -        | -    | 2.9  | 4.9 |
|                                                                               | -4.5          | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    | -   |
| 4.5 m mono boom<br>2.6 m dipper arm<br>Front radial blade<br>Rear outriggers  | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.5* | 5.6 |
|                                                                               | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.8*      | 3.8* | 3.8*     | 3.8* | 2.4       | 3.7* | 3.7*     | 3.7* | 2.1  | 6.5 |
|                                                                               | 3             | -                                                           | -    | -        | -    | 6.5       | 6.7* | 6.6*     | 6.7* | 3.6       | 4.7* | 4.7*     | 4.7* | 2.3       | 4.0  | 3.8      | 4.0* | 1.8  | 7.0 |
|                                                                               | 1.5           | -                                                           | -    | -        | -    | 5.9       | 7.7* | 7.8*     | 7.7* | 3.3       | 5.8* | 5.6      | 5.8* | 2.2       | 3.9  | 3.6      | 4.4* | 1.8  | 7.1 |
|                                                                               | 0             | -                                                           | -    | -        | -    | 5.7       | 7.3* | 7.4*     | 7.3* | 3.2       | 5.8  | 5.4      | 6.5* | 2.1       | 3.8  | 3.6      | 4.8* | 1.8  | 6.9 |
|                                                                               | -1.5          | 5.6*                                                        | 5.6* | 5.6*     | 5.6* | 5.6       | 9.9* | 9.8*     | 9.9* | 3.1       | 5.7  | 5.4      | 6.5* | 2.1       | 3.8  | 3.5      | 4.6* | 2.0  | 6.2 |
|                                                                               | -3            | -                                                           | -    | -        | -    | 5.7       | 8.2* | 8.2*     | 8.2* | 3.2       | 5.5* | 5.4      | 5.5* | -         | -    | -        | -    | 2.7  | 5.1 |
|                                                                               | -4.5          | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    | -   |
| 4.5 m mono boom<br>2.0 m dipper arm<br>Radial Blade<br>Rear                   | 7.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    | -   |
|                                                                               | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.6       | 4.1  | 4.1*     | 4.1* | -         | -    | -        | -    | 3.1  | 4.9 |
|                                                                               | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.5       | 4.0  | 4.4*     | 4.4* | -         | -    | -        | -    | 2.3  | 5.9 |
|                                                                               | 3             | -                                                           | -    | -        | -    | 6.0       | 7.0  | 8.0*     | 8.0* | 3.3       | 3.8  | 5.3*     | 5.3* | 2.2       | 2.5  | 3.6      | 4.3* | 2.0  | 6.4 |
|                                                                               | 1.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.1       | 3.6  | 5.4      | 6.2* | 2.1       | 2.4  | 3.5      | 4.7* | 1.9  | 6.5 |
|                                                                               | 0             | -                                                           | -    | -        | -    | 5.4       | 6.4  | 7.0*     | 7.0* | 3.0       | 3.5  | 5.3      | 6.6* | 2.1       | 2.4  | 3.5      | 4.8* | 1.9  | 6.3 |
|                                                                               | -1.5          | -                                                           | -    | -        | -    | 5.4       | 6.4  | 9.3*     | 9.3* | 3.0       | 3.5  | 5.3      | 6.3* | -         | -    | -        | -    | 2.3  | 5.6 |
|                                                                               | -3            | -                                                           | -    | -        | -    | 5.6       | 6.6  | 7.0*     | 7.0* | -         | -    | -        | -    | -         | -    | -        | -    | 3.3  | 4.3 |
| 4.5 m mono boom<br>2.45 m dipper arm<br>Radial Blade<br>Rear                  | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.7  | 5.5 |
|                                                                               | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.6       | 3.9* | 3.9*     | 3.9* | 2.3       | 2.6  | 3.7*     | 3.7* | 2.0  | 6.4 |
|                                                                               | 3             | -                                                           | -    | -        | -    | 6.2       | 7.0* | 7.0*     | 7.0* | 3.4       | 3.9  | 4.9*     | 4.9* | 2.2       | 2.5  | 3.6      | 4.1* | 1.8  | 6.8 |
|                                                                               | 1.5           | -                                                           | -    | -        | -    | 5.6       | 6.6  | 6.8*     | 6.8* | 3.2       | 3.6  | 5.5      | 5.9* | 2.1       | 2.4  | 3.5      | 4.5* | 1.7  | 6.9 |
|                                                                               | 0             | -                                                           | -    | -        | -    | 5.4       | 6.4  | 7.2*     | 7.2* | 3.0       | 3.5  | 5.3      | 6.5* | 2.0       | 2.3  | 3.5      | 4.8* | 1.7  | 6.7 |
|                                                                               | -1.5          | 5.8*                                                        | 5.8* | 5.8*     | 5.8* | 5.4       | 6.3  | 9.7*     | 9.7* | 3.0       | 3.4  | 5.2      | 6.4* | 2.0       | 2.3  | 3.4      | 4.5* | 2.0  | 6.1 |
|                                                                               | -3            | -                                                           | -    | -        | -    | 5.5       | 6.5  | 7.9*     | 7.9* | 3.0       | 3.5  | 5.3*     | 5.3* | -         | -    | -        | -    | 2.7  | 4.9 |
|                                                                               | -4.5          | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    | -   |

Notes: 1. Working pressure with Power Boost = 37.5 MPa. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

**LIFTING CAPACITY EWR150E - Welded undercarriage**

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. **With heavy counterweight. Unit: 1 000kg**

|                                                                                              | Lifting point | Reach from machine centre (u = support up/d = support down) |      |          |      |      |           |      |          |      |           |      |          |     |           |      |          |      |           |      |          |     |      |
|----------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|------|----------|------|------|-----------|------|----------|------|-----------|------|----------|-----|-----------|------|----------|------|-----------|------|----------|-----|------|
|                                                                                              |               | 1.5 m                                                       |      |          |      |      | 3.0 m     |      |          |      | 4.5 m     |      |          |     | 6.0 m     |      |          |      | Max.      |      |          |     |      |
|                                                                                              |               | Across UC                                                   |      | Along UC |      |      | Across UC |      | Along UC |      | Across UC |      | Along UC |     | Across UC |      | Along UC |      | Across UC |      | Along UC |     | Max. |
|                                                                                              |               | m                                                           | u    | d        | u    | d    | u         | d    | u        | d    | u         | d    | u        | d   | u         | d    | u        | d    | u         | d    | u        | d   | m    |
| 4.5 m<br>mono boom<br>2.6 m<br>dipper arm<br>Radial Blade<br>Rear                            | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 2.5* | 2.5*      | 2.5* | 2.5*     | 5.6 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.6  | 3.8*      | 3.8* | 3.8*     | 2.3 | 2.6       | 3.6* | 3.6*     | 2.0  | 2.2       | 2.4* | 2.4*     | 6.5 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | 6.3  | 6.7*      | 6.7* | 6.7*     | 3.4  | 3.9       | 4.7* | 4.7*     | 2.2 | 2.5       | 3.7  | 4.0*     | 1.7  | 2.0       | 2.4* | 2.4*     | 7.0 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | 5.6  | 6.6       | 7.7* | 7.7*     | 3.2  | 3.6       | 5.5  | 5.8*     | 2.1 | 2.4       | 3.5  | 4.4*     | 1.6  | 1.9       | 2.6* | 2.6*     | 7.1 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 5.4  | 6.4       | 7.3* | 7.3*     | 3.0  | 3.5       | 5.3  | 6.5*     | 2.0 | 2.3       | 3.5  | 4.7*     | 1.7  | 1.9       | 2.9  | 3.0*     | 6.9 |      |
|                                                                                              | -1.5          | 5.6*                                                        | 5.6* | 5.6*     | 5.6* | 5.3  | 6.3       | 9.8* | 9.8*     | 3.0  | 3.4       | 5.2  | 6.5*     | 2.0 | 2.3       | 3.4  | 4.6*     | 1.9  | 2.2       | 3.2  | 3.8*     | 6.2 |      |
|                                                                                              | -3            | -                                                           | -    | -        | -    | 5.4  | 6.4       | 8.2* | 8.2*     | 3.0  | 3.5       | 5.3  | 5.5*     | -   | -         | -    | -        | 2.5  | 2.9       | 4.4  | 4.5*     | 5.1 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | -    | -         | -    | -        | -   |      |
| 4.7 m<br>2 piece boom<br>2.0 m<br>dipper arm<br>Front radial<br>blade<br>Rear<br>outriggers  | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 4.4* | 4.4*      | 4.4* | 4.4*     | 3.5 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.8  | 4.1*      | 4.1* | 4.1*     | -   | -         | -    | -        | 2.9  | 3.5*      | 3.5* | 3.5*     | 5.3 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | 5.6* | 5.6*      | 5.6* | 5.6*     | 3.7  | 4.5*      | 4.5* | 4.5*     | 2.3 | 4.0       | 3.8  | 4.0*     | 2.2  | 3.2*      | 3.2* | 3.2*     | 6.2 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.5  | 5.3*      | 5.3* | 5.3*     | 2.3 | 3.9       | 3.7  | 4.3*     | 1.9  | 3.2*      | 3.1  | 3.2*     | 6.7 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.2  | 5.9       | 5.5  | 6.1*     | 2.2 | 3.8       | 3.6  | 4.6*     | 1.8  | 3.2       | 3.0  | 3.5*     | 6.8 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 4.9* | 4.9*      | 4.9* | 4.9*     | 3.1  | 5.7       | 5.4  | 6.4*     | 2.1 | 3.7       | 3.5  | 4.7*     | 1.9  | 3.3       | 3.1  | 3.9*     | 6.5 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.5  | 8.6*      | 8.6* | 8.6*     | 3.1  | 5.7       | 5.3  | 6.0*     | -   | -         | -    | -        | 2.1  | 3.8       | 3.6  | 4.2*     | 5.9 |      |
| 4.7 m<br>2 piece boom<br>2.45 m<br>dipper arm<br>Front radial<br>blade<br>Rear<br>outriggers | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 3.3* | 3.3*      | 3.3* | 3.3*     | 4.3 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.7* | 3.7*      | 3.7* | 3.7*     | -   | -         | -    | -        | 2.5  | 2.7*      | 2.7* | 2.7*     | 5.8 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.8  | 4.1*      | 4.1* | 4.1*     | 2.4 | 3.7*      | 3.7* | 3.7*     | 2.0  | 2.6*      | 2.6* | 2.6*     | 6.7 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | 6.4  | 7.5*      | 7.5* | 7.5*     | 3.5  | 5.0*      | 5.0* | 5.0*     | 2.3 | 4.0       | 3.7  | 4.0*     | 1.7  | 2.6*      | 2.6* | 2.6*     | 7.1 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.2  | 5.9*      | 5.6  | 5.9*     | 2.2 | 3.8       | 3.6  | 4.4*     | 1.6  | 2.7*      | 2.7* | 2.7*     | 7.2 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 5.4* | 5.4*      | 5.4* | 5.4*     | 3.1  | 5.7       | 5.4  | 6.4*     | 2.1 | 3.7       | 3.5  | 4.6*     | 1.7  | 3.0       | 2.8  | 3.1*     | 7.0 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.5  | 9.2*      | 9.2* | 9.2*     | 3.0  | 5.7       | 5.3  | 6.2*     | 2.1 | 3.7       | 3.5  | 4.4*     | 1.9  | 3.4       | 3.2  | 3.7*     | 6.4 |      |
| 4.7 m<br>2 piece boom<br>2.6 m<br>dipper arm<br>Front radial blade<br>Rear outriggers        | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.0* | 3.0*      | 3.0* | 3.0*     | -   | -         | -    | -        | 3.0* | 3.0*      | 3.0* | 3.0*     | 4.5 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.5* | 3.5*      | 3.5* | 3.5*     | -   | -         | -    | -        | 2.4  | 2.5*      | 2.5* | 2.5*     | 6.0 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.8  | 3.9*      | 3.9* | 3.9*     | 2.4 | 3.6*      | 3.6* | 3.6*     | 1.9  | 2.4*      | 2.4* | 2.4*     | 6.8 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | 6.5  | 7.2*      | 7.2* | 7.2*     | 3.5  | 4.9*      | 4.9* | 4.9*     | 2.3 | 4.0       | 3.8  | 4.0*     | 1.7  | 2.4*      | 2.4* | 2.4*     | 7.3 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.3  | 5.8*      | 5.6  | 5.8*     | 2.2 | 3.8       | 3.6  | 4.4*     | 1.6  | 2.5*      | 2.5* | 2.5*     | 7.4 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 5.4  | 5.4*      | 5.4* | 5.4*     | 3.1  | 5.7       | 5.4  | 6.3*     | 2.1 | 3.7       | 3.5  | 4.6*     | 1.6  | 2.8*      | 2.7  | 2.8*     | 7.1 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.4  | 8.9*      | 8.9* | 8.9*     | 3.0  | 5.6       | 5.3  | 6.2*     | 2.0 | 3.7       | 3.5  | 4.5*     | 1.8  | 3.3       | 3.1  | 3.4*     | 6.6 |      |
| 4.7 m<br>2 piece boom<br>2.0 m<br>dipper arm<br>Radial Blade<br>Rear                         | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 4.4* | 4.4*      | 4.4* | 4.4*     | 3.5 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.6  | 4.1*      | 4.1* | 4.1*     | -   | -         | -    | -        | 2.8  | 3.2       | 3.5* | 3.5*     | 5.3 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | 5.6* | 5.6*      | 5.6* | 5.6*     | 3.5  | 4.0       | 4.5* | 4.5*     | 2.2 | 2.5       | 3.7  | 4.0*     | 2.1  | 2.4       | 3.2* | 3.2*     | 6.2 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.3  | 3.8       | 5.3* | 5.3*     | 2.1 | 2.5       | 3.6  | 4.3*     | 1.8  | 2.1       | 3.0  | 3.2*     | 6.7 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.0  | 3.5       | 5.4  | 6.1*     | 2.0 | 2.3       | 3.5  | 4.6*     | 1.7  | 2.0       | 2.9  | 3.5*     | 6.8 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 4.9* | 4.9*      | 4.9* | 4.9*     | 2.9  | 3.4       | 5.2  | 6.4*     | 2.0 | 2.3       | 3.4  | 4.7*     | 1.7  | 2.0       | 3.0  | 3.9*     | 6.5 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.2  | 6.2       | 8.6* | 8.6*     | 2.9  | 3.3       | 5.2  | 6.0*     | -   | -         | -    | -        | 2.0  | 2.3       | 3.5  | 4.2*     | 5.9 |      |
| 4.7 m<br>2 piece boom<br>2.45 m<br>dipper arm<br>Radial Blade<br>Rear                        | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 3.3* | 3.3*      | 3.3* | 3.3*     | 4.3 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.7* | 3.7*      | 3.7* | 3.7*     | -   | -         | -    | -        | 2.4  | 2.7       | 2.7* | 2.7*     | 5.8 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.6  | 4.1*      | 4.1* | 4.1*     | 2.3 | 2.6       | 3.7* | 3.7*     | 1.9  | 2.1       | 2.6* | 2.6*     | 6.7 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | 6.1  | 7.1       | 7.5* | 7.5*     | 3.3  | 3.8       | 5.0* | 5.0*     | 2.2 | 2.5       | 3.6  | 4.0*     | 1.6  | 1.9       | 2.6* | 2.6*     | 7.1 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.1  | 3.5       | 5.4  | 5.9*     | 2.0 | 2.4       | 3.5  | 4.4*     | 1.5  | 1.8       | 2.6  | 2.7*     | 7.2 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 5.1  | 5.4*      | 5.4* | 5.4*     | 2.9  | 3.4       | 5.2  | 6.4*     | 2.0 | 2.3       | 3.4  | 4.6*     | 1.6  | 1.8       | 2.7  | 3.1*     | 7.0 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.1  | 6.1       | 9.2* | 9.2*     | 2.8  | 3.3       | 5.1  | 6.2*     | 1.9 | 2.2       | 3.4  | 4.4*     | 1.8  | 2.1       | 3.1  | 3.7*     | 6.4 |      |
| 4.7 m<br>2 piece boom<br>2.6 m<br>dipper arm<br>Radial Blade<br>Rear                         | 7.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.1* | 3.0*      | 3.1* | 3.0*     | -   | -         | -    | -        | 3.1* | 3.0*      | 3.1* | 3.0*     | 4.5 |      |
|                                                                                              | 6             | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.5* | 3.5*      | 3.5* | 3.5*     | -   | -         | -    | -        | 2.3  | 2.5*      | 2.6* | 2.5*     | 6.0 |      |
|                                                                                              | 4.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.6  | 3.9*      | 3.9* | 3.9*     | 2.3 | 2.6       | 3.6* | 3.6*     | 1.8  | 2.1       | 2.4* | 2.4*     | 6.8 |      |
|                                                                                              | 3             | -                                                           | -    | -        | -    | 6.1  | 7.2*      | 7.1* | 7.2*     | 3.3  | 3.9       | 4.8* | 4.9*     | 2.2 | 2.5       | 3.6  | 4.0*     | 1.6  | 1.8       | 2.4* | 2.4*     | 7.3 |      |
|                                                                                              | 1.5           | -                                                           | -    | -        | -    | -    | -         | -    | -        | 3.0  | 3.6       | 5.4  | 5.8*     | 2.0 | 2.4       | 3.5  | 4.4*     | 1.5  | 1.7       | 2.5* | 2.5*     | 7.4 |      |
|                                                                                              | 0             | -                                                           | -    | -        | -    | 5.1  | 5.4*      | 5.5* | 5.4*     | 2.9  | 3.4       | 5.2  | 6.3*     | 1.9 | 2.3       | 3.4  | 4.6*     | 1.5  | 1.8       | 2.6  | 2.8*     | 7.1 |      |
|                                                                                              | -1.5          | -                                                           | -    | -        | -    | 5.1  | 6.1       | 9.0* | 8.9*     | 2.8  | 3.3       | 5.1  | 6.2*     | 1.9 | 2.2       | 3.3  | 4.5*     | 1.7  | 2.0       | 3.0  | 3.4*     | 6.6 |      |

Notes: 1. Working pressure with Power Boost = 37.5 MPa. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

# Specifications

## EWR150E

### LIFTING CAPACITY EWR150E - Bolted undercarriage

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. **With heavy counterweight. Unit: 1 000kg**

|                                                                                 | Lifting point | Reach from machine centre (u = support up/d = support down) |      |          |      |           |      |          |      |           |      |          |      |           |      |          |      |           |      |          |      |      |
|---------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|------|----------|------|-----------|------|----------|------|-----------|------|----------|------|-----------|------|----------|------|-----------|------|----------|------|------|
|                                                                                 |               | 1.5 m                                                       |      |          |      | 3.0 m     |      |          |      | 4.5 m     |      |          |      | 6.0 m     |      |          |      | Max.      |      |          |      |      |
|                                                                                 |               | Across UC                                                   |      | Along UC |      | Across UC |      | Along UC |      | Across UC |      | Along UC |      | Across UC |      | Along UC |      | Across UC |      | Along UC |      | Max. |
| m                                                                               | u             | d                                                           | u    | d        | u    | d         | u    | d        | u    | d         | u    | d        | u    | d         | u    | d        | u    | d         | u    | d        | m    |      |
| 4.5 m mono boom<br>2.0 m dipper arm<br>Front Parallel blade<br>Rear outriggers  | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | 4.0       | 4.1* | 4.1*     | 4.1* | -         | -    | -        | -    | 3.4*      | 3.4* | 3.4*     | 3.4* | 4.9  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 4.0       | 4.4* | 4.4*     | 4.4* | -         | -    | -        | -    | 2.6       | 3.2* | 3.2*     | 3.2* | 5.9  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 6.8       | 8.0* | 8.0*     | 8.0* | 3.8       | 5.3* | 5.3*     | 5.3* | 2.5       | 4.2  | 3.9      | 4.3* | 2.2       | 3.3* | 3.3*     | 3.3* | 6.4  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.6       | 6.2* | 5.9      | 6.2* | 2.4       | 4.1  | 3.8      | 4.7* | 2.1       | 3.6* | 3.4      | 3.6* | 6.5  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 6.1       | 7.0* | 7.0*     | 7.0* | 3.5       | 6.2  | 5.7      | 6.6* | 2.4       | 4.1  | 3.8      | 4.8* | 2.2       | 3.8  | 3.5      | 4.2* | 6.3  |
|                                                                                 | -1.5          | -                                                           | -    | -        | -    | 6.2       | 9.3* | 9.3*     | 9.3* | 3.4       | 6.2  | 5.7      | 6.3* | -         | -    | -        | -    | 2.6       | 4.5  | 4.2      | 4.7* | 5.6  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 6.3       | 7.0* | 7.0*     | 7.0* | -         | -    | -        | -    | -         | -    | -        | -    | 3.8       | 4.7* | 4.7*     | 4.7* | 4.3  |
| 4.5 m mono boom<br>2.45 m dipper arm<br>Front Parallel blade<br>Rear outriggers | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.7*      | 2.7* | 2.7*     | 2.7* | 5.5  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.9*      | 3.9* | 3.9*     | 3.9* | 2.6       | 2.8  | 3.7*     | 3.7* | 2.3       | 2.5  | 2.6*     | 2.6* | 6.4  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 7.0       | 7.0* | 7.0*     | 7.0* | 3.8       | 4.4  | 4.9*     | 4.9* | 2.5       | 2.8  | 3.9      | 4.1* | 2.0       | 2.2  | 2.6*     | 2.6* | 6.8  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | 6.3       | 6.8* | 6.8*     | 6.8* | 3.6       | 4.2  | 5.9      | 5.9* | 2.4       | 2.7  | 3.8      | 4.5* | 2.0       | 2.1  | 2.8*     | 2.8* | 6.9  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 6.1       | 7.2* | 7.2*     | 7.2* | 3.4       | 4.0  | 5.7      | 6.5* | 2.3       | 2.6  | 3.7      | 4.8* | 2.0       | 2.2  | 3.2      | 3.2* | 6.7  |
|                                                                                 | -1.5          | 5.8*                                                        | 5.8* | 5.8*     | 5.8* | 6.1       | 8.2  | 9.7*     | 9.7* | 3.4       | 3.9  | 5.7      | 6.4* | 2.3       | 2.6  | 3.7      | 4.5* | 2.3       | 2.5  | 3.7      | 4.1* | 6.1  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 6.2       | 7.9* | 7.9*     | 7.9* | 3.5       | 4.0  | 5.3*     | 5.3* | -         | -    | -        | -    | 3.1       | 3.5  | 4.6*     | 4.6* | 4.9  |
|                                                                                 | -4.5          | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -    |
| 4.5 m mono boom<br>2.6 m dipper arm<br>Front Parallel blade<br>Rear outriggers  | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.5*      | 2.5* | 2.5*     | 2.5* | 5.6  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.8*      | 3.8* | 3.8*     | 3.8* | 2.6       | 3.6* | 3.6*     | 3.6* | 2.2       | 2.4* | 2.4*     | 2.4* | 6.5  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 6.7*      | 6.7* | 6.7*     | 6.7* | 3.8       | 4.7* | 4.7*     | 4.7* | 2.5       | 4.0* | 3.9      | 4.0* | 2.0       | 2.4* | 2.4*     | 2.4* | 7.0  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | 6.4       | 7.7* | 7.7*     | 7.7* | 3.6       | 5.8* | 5.8*     | 5.8* | 2.4       | 4.1  | 3.8      | 4.4* | 1.9       | 2.6* | 2.6*     | 2.6* | 7.1  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 6.1       | 7.3* | 7.3*     | 7.3* | 3.4       | 6.2  | 5.7      | 6.5* | 2.3       | 4.1  | 3.7      | 4.7* | 1.9       | 3.0* | 3.0*     | 3.0* | 6.9  |
|                                                                                 | -1.5          | 5.6*                                                        | 5.6* | 5.6*     | 5.6* | 6.1       | 9.8* | 9.8*     | 9.8* | 3.4       | 6.2  | 5.7      | 6.5* | 2.3       | 4.0  | 3.7      | 4.6* | 2.2       | 3.8* | 3.5      | 3.8* | 6.2  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 6.2       | 8.2* | 8.2*     | 8.2* | 3.4       | 5.5* | 5.5*     | 5.5* | -         | -    | -        | -    | 2.9       | 4.5* | 4.5*     | 4.5* | 5.1  |
| 4.5 m mono boom<br>2.0 m dipper arm<br>Parallel Blade<br>Rear                   | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.7       | 4.1* | 4.1*     | 4.1* | -         | -    | -        | -    | 3.2       | 3.4* | 3.4*     | 3.4* | 4.9  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.7       | 4.2  | 4.4*     | 4.4* | -         | -    | -        | -    | 2.4       | 2.7  | 3.2*     | 3.2* | 5.9  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 6.2       | 7.3  | 8.0*     | 8.0* | 3.5       | 4.0  | 5.3*     | 5.3* | 2.3       | 2.6  | 3.8      | 4.3* | 2.0       | 2.3  | 3.3*     | 3.3* | 6.4  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.2       | 3.7  | 5.7      | 6.2* | 2.2       | 2.5  | 3.7      | 4.7* | 1.9       | 2.2  | 3.3      | 3.6* | 6.5  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 5.6       | 6.6  | 7.0*     | 7.0* | 3.1       | 3.6  | 5.5      | 6.6* | 2.1       | 2.5  | 3.6      | 4.8* | 2.0       | 2.3  | 3.4      | 4.2* | 6.3  |
|                                                                                 | -1.5          | -                                                           | -    | -        | -    | 5.6       | 6.6  | 9.3*     | 9.3* | 3.1       | 3.6  | 5.5      | 6.3* | -         | -    | -        | -    | 2.3       | 2.7  | 4.0      | 4.7* | 5.6  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 5.8       | 6.8  | 7.0*     | 7.0* | -         | -    | -        | -    | -         | -    | -        | -    | 3.4       | 4.0  | 4.7*     | 4.7* | 4.3  |
| 4.5 m mono boom<br>2.45 m dipper arm<br>Parallel Blade<br>Rear                  | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.7*      | 2.2  | 2.7*     | 2.7* | 5.5  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.7       | 3.0  | 3.9*     | 3.9* | 2.4       | 1.8  | 3.7*     | 3.7* | 2.1       | 1.6  | 2.6*     | 2.6* | 6.4  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 6.4       | 5.3  | 7.0*     | 7.0* | 3.5       | 2.8  | 4.9*     | 4.9* | 2.3       | 1.8  | 3.8      | 4.1* | 1.9       | 1.4  | 2.6*     | 2.6* | 6.8  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | 5.8       | 4.7  | 6.8*     | 6.8* | 3.3       | 2.6  | 5.7      | 5.9* | 2.2       | 1.7  | 3.7      | 4.0  | 1.8       | 1.3  | 2.8*     | 2.8* | 6.9  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 5.6       | 4.4  | 7.2*     | 7.2* | 3.1       | 2.4  | 5.5      | 6.5  | 2.1       | 1.6  | 3.6      | 3.9  | 1.8       | 1.4  | 3.1      | 3.2* | 6.7  |
|                                                                                 | -1.5          | 5.8*                                                        | 5.8* | 5.8*     | 5.8* | 5.6       | 4.4  | 9.7*     | 9.7* | 3.1       | 2.4  | 5.5      | 6.4  | 2.1       | 1.6  | 3.6      | 3.9  | 2.1       | 1.6  | 3.5      | 3.8  | 6.1  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 5.7       | 4.6  | 7.9*     | 7.9* | 3.1       | 2.4  | 5.3*     | 5.3* | -         | -    | -        | -    | 2.8       | 2.2  | 4.6*     | 4.6* | 4.9  |
| 4.5 m mono boom<br>2.6 m dipper arm<br>Parallel Blade<br>Rear                   | 6             | -                                                           | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | -         | -    | -        | -    | 2.5*      | 2.5* | 2.5*     | 2.5* | 5.6  |
|                                                                                 | 4.5           | -                                                           | -    | -        | -    | -         | -    | -        | -    | 3.7       | 3.8* | 3.8*     | 3.8* | 2.4       | 2.7  | 3.6*     | 3.6* | 2.0       | 2.3  | 2.4*     | 2.4* | 6.5  |
|                                                                                 | 3             | -                                                           | -    | -        | -    | 6.5       | 6.7* | 6.7*     | 6.7* | 3.5       | 4.0  | 4.7*     | 4.7* | 2.3       | 2.6  | 3.8      | 4.0* | 1.8       | 2.1  | 2.4*     | 2.4* | 7.0  |
|                                                                                 | 1.5           | -                                                           | -    | -        | -    | 5.8       | 6.9  | 7.7*     | 7.7* | 3.3       | 3.8  | 5.7      | 5.8* | 2.2       | 2.5  | 3.7      | 4.4* | 1.7       | 2.0  | 2.6*     | 2.6* | 7.1  |
|                                                                                 | 0             | -                                                           | -    | -        | -    | 5.6       | 6.6  | 7.3*     | 7.3* | 3.1       | 3.6  | 5.5      | 6.5* | 2.1       | 2.4  | 3.6      | 4.7* | 1.8       | 2.0  | 3.0      | 3.0* | 6.9  |
|                                                                                 | -1.5          | 5.6*                                                        | 5.6* | 5.6*     | 5.6* | 5.5       | 6.6  | 9.8*     | 9.8* | 3.1       | 3.6  | 5.5      | 6.5* | 2.1       | 2.4  | 3.6      | 4.6* | 2.0       | 2.3  | 3.4      | 3.8* | 6.2  |
|                                                                                 | -3            | -                                                           | -    | -        | -    | 5.6       | 6.7  | 8.2*     | 8.2* | 3.1       | 3.6  | 5.5*     | 5.5* | -         | -    | -        | -    | 2.6       | 3.0  | 4.5*     | 4.5* | 5.1  |

Notes: 1. Working pressure with Power Boost = 37.5 MPa. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load

# LIFTING CAPACITY EWR150E - Bolted undercarriage

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. **With heavy counterweight. Unit: 1 000kg**

|                                                                                             | Lifting point | Reach from machine centre (u = support up/d = support down) |   |          |   |      |           |      |          |      |           |      |          |     |           |      |          |      |           |      |          |     |      |
|---------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|---|----------|---|------|-----------|------|----------|------|-----------|------|----------|-----|-----------|------|----------|------|-----------|------|----------|-----|------|
|                                                                                             |               | 1.5 m                                                       |   |          |   |      | 3.0 m     |      |          |      | 4.5 m     |      |          |     | 6.0 m     |      |          |      | Max.      |      |          |     |      |
|                                                                                             |               | Across UC                                                   |   | Along UC |   |      | Across UC |      | Along UC |      | Across UC |      | Along UC |     | Across UC |      | Along UC |      | Across UC |      | Along UC |     | Max. |
|                                                                                             |               | m                                                           | u | d        | u | d    | u         | d    | u        | d    | u         | d    | u        | d   | u         | d    | u        | d    | u         | d    | u        | d   | m    |
| 4.7 m<br>2 piece boom<br>2.0 m<br>dipper arm<br>Front parallel blade<br>Rear<br>outriggers  | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 4.4* | 4.4*      | 4.4* | 4.4*     | 3.5 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 4.1  | 4.1*      | 4.1* | 4.1*     | -   | -         | -    | -        | 3.1  | 3.5*      | 3.5* | 3.5*     | 5.3 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | 5.6* | 5.6*      | 5.6* | 5.6*     | 4.0  | 4.5*      | 4.5* | 4.5*     | 2.5 | 4.0*      | 4.0  | 4.0*     | 2.4  | 3.2*      | 3.2* | 3.2*     | 6.2 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.7  | 5.3*      | 5.3* | 5.3*     | 2.4 | 4.2       | 3.9  | 4.3*     | 2.1  | 3.2*      | 3.2* | 3.2*     | 6.7 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.5  | 6.1*      | 5.8  | 6.1*     | 2.3 | 4.1       | 3.8  | 4.6*     | 2.0  | 3.4       | 3.1  | 3.5*     | 6.8 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 4.9* | 4.9*      | 4.9* | 4.9*     | 3.3  | 6.1       | 5.6  | 6.4*     | 2.3 | 4.0       | 3.7  | 4.7*     | 2.0  | 3.6       | 3.3  | 3.9*     | 6.5 |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.9  | 8.6*      | 8.6* | 8.6*     | 3.3  | 6.0*      | 5.6  | 6.0*     | -   | -         | -    | -        | 2.3  | 4.1       | 3.8  | 4.2*     | 5.9 |      |
| 4.7 m<br>2 piece boom<br>2.45 m<br>dipper arm<br>Front parallel blade<br>Rear<br>outriggers | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 3.3* | 3.3*      | 3.3* | 3.3*     | 4.3 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.7* | 3.7*      | 3.7* | 3.7*     | -   | -         | -    | -        | 2.7  | 2.7*      | 2.7* | 2.7*     | 5.8 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 4.0  | 4.1*      | 4.1* | 4.1*     | 2.6 | 3.7*      | 3.7* | 3.7*     | 2.1  | 2.6*      | 2.6* | 2.6*     | 6.7 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | 6.8  | 7.5*      | 7.5* | 7.5*     | 3.8  | 5.0*      | 5.0* | 5.0*     | 2.5 | 4.0*      | 3.9  | 4.0*     | 1.9  | 2.6*      | 2.6* | 2.6*     | 7.1 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.5  | 5.9*      | 5.8  | 5.9*     | 2.3 | 4.1       | 3.8  | 4.4*     | 1.8  | 2.7*      | 2.7* | 2.7*     | 7.2 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 5.4* | 5.4*      | 5.4* | 5.4*     | 3.3  | 6.1       | 5.6  | 6.4*     | 2.3 | 4.0       | 3.7  | 4.6*     | 1.8  | 3.1*      | 3.0  | 3.1*     | 7.0 |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.9  | 9.2*      | 9.2* | 9.2*     | 3.3  | 6.1       | 5.6  | 6.2*     | 2.2 | 4.0       | 3.7  | 4.4*     | 2.1  | 3.6       | 3.4  | 3.7*     | 6.4 |      |
| 4.7 m<br>2 piece boom<br>2.6 m<br>dipper arm<br>Front parallel blade<br>Rear<br>outriggers  | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.0* | 3.0*      | 3.0* | 3.0*     | -   | -         | -    | -        | 3.0* | 3.0*      | 3.0* | 3.0*     | 4.5 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.5* | 3.5*      | 3.5* | 3.5*     | -   | -         | -    | -        | 2.5* | 2.5*      | 2.5* | 2.5*     | 6.0 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.9* | 3.9*      | 3.9* | 3.9*     | 2.6 | 3.6*      | 3.6* | 3.6*     | 2.0  | 2.4*      | 2.4* | 2.4*     | 6.8 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | 6.9  | 7.2*      | 7.2* | 7.2*     | 3.8  | 4.9*      | 4.9* | 4.9*     | 2.5 | 4.0*      | 3.9  | 4.0*     | 1.8  | 2.4*      | 2.4* | 2.4*     | 7.3 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.5  | 5.8*      | 5.8* | 5.8*     | 2.3 | 4.1       | 3.8  | 4.4*     | 1.7  | 2.5*      | 2.5* | 2.5*     | 7.4 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 5.4* | 5.4*      | 5.4* | 5.4*     | 3.3  | 6.1       | 5.6  | 6.3*     | 2.2 | 4.0       | 3.7  | 4.6*     | 1.8  | 2.8*      | 2.8* | 2.8*     | 7.1 |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.9  | 8.9*      | 8.9* | 8.9*     | 3.2  | 6.1       | 5.5  | 6.2*     | 2.2 | 4.0       | 3.6  | 4.5*     | 2.0  | 3.4*      | 3.2  | 3.4*     | 6.6 |      |
| 4.7 m<br>2 piece boom<br>2.0 m<br>dipper arm<br>Parallel Blade<br>Rear                      | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 4.4* | 4.4*      | 4.4* | 4.4*     | 3.5 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.8  | 4.1*      | 4.1* | 4.1*     | -   | -         | -    | -        | 2.9  | 3.3       | 3.5* | 3.5*     | 5.3 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | 5.6* | 5.6*      | 5.6* | 5.6*     | 3.6  | 4.2       | 4.5* | 4.5*     | 2.3 | 2.6       | 3.8  | 4.0*     | 2.2  | 2.5       | 3.2* | 3.2*     | 6.2 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.4  | 3.9       | 5.3* | 5.3*     | 2.2 | 2.5       | 3.8  | 4.3*     | 1.9  | 2.1       | 3.2  | 3.2*     | 6.7 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.1  | 3.6       | 5.6  | 6.1*     | 2.1 | 2.4       | 3.6  | 4.6*     | 1.8  | 2.0       | 3.0  | 3.5*     | 6.8 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 4.9* | 4.9*      | 4.9* | 4.9*     | 3.0  | 3.5       | 5.4  | 6.4*     | 2.0 | 2.4       | 3.6  | 4.7*     | 1.8  | 2.1       | 3.2  | 3.9*     | 6.5 |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.4  | 6.4       | 8.6* | 8.6*     | 3.0  | 3.5       | 5.4  | 6.0*     | -   | -         | -    | -        | 2.1  | 2.4       | 3.7  | 4.2*     | 5.9 |      |
| 4.7 m<br>2 piece boom<br>2.45 m<br>dipper arm<br>Parallel Blade<br>Rear                     | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | -    | -         | -    | -        | -   | -         | -    | -        | 3.3* | 3.3*      | 3.3* | 3.3*     | 4.3 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.7* | 3.7*      | 3.7* | 3.7*     | -   | -         | -    | -        | 2.5  | 2.7*      | 2.7* | 2.7*     | 5.8 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.7  | 4.1*      | 4.1* | 4.1*     | 2.3 | 2.7       | 3.7* | 3.7*     | 1.9  | 2.2       | 2.6* | 2.6*     | 6.7 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | 6.3  | 7.4       | 7.5* | 7.5*     | 3.4  | 4.0       | 5.0* | 5.0*     | 2.2 | 2.6       | 3.8  | 4.0*     | 1.7  | 1.9       | 2.6* | 2.6*     | 7.1 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.2  | 3.7       | 5.6  | 5.9*     | 2.1 | 2.4       | 3.7  | 4.4*     | 1.6  | 1.9       | 2.7* | 2.7*     | 7.2 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 5.3  | 5.4*      | 5.4* | 5.4*     | 3    | 3.5       | 5.4  | 6.4*     | 2   | 2.4       | 3.6  | 4.6*     | 1.6  | 1.9       | 2.9  | 3.1*     | 7   |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.3  | 6.4       | 9.2* | 9.2*     | 2.9  | 3.4       | 5.4  | 6.2*     | 2   | 2.3       | 3.5  | 4.4*     | 1.8  | 2.1       | 3.2  | 3.7*     | 6.4 |      |
| 4.7 m<br>2 piece boom<br>2.6 m<br>dipper arm<br>Parallel Blade<br>Rear                      | 7.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.1* | 3.0*      | 3.1* | 3.0*     | -   | -         | -    | -        | 3.1* | 3.0*      | 3.1* | 3.0*     | 4.5 |      |
|                                                                                             | 6             | -                                                           | - | -        | - | -    | -         | -    | -        | 3.5* | 3.5*      | 3.5* | 3.5*     | -   | -         | -    | -        | 2.4  | 2.5*      | 2.6* | 2.5*     | 6.0 |      |
|                                                                                             | 4.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.7  | 3.9*      | 3.9* | 3.9*     | 2.3 | 2.7       | 3.6* | 3.6*     | 1.9  | 2.1       | 2.4* | 2.4*     | 6.8 |      |
|                                                                                             | 3             | -                                                           | - | -        | - | 6.3  | 7.2*      | 7.1* | 7.2*     | 3.4  | 4.0       | 4.8* | 4.9*     | 2.2 | 2.6       | 3.8  | 4.0*     | 1.6  | 1.9       | 2.4* | 2.4*     | 7.3 |      |
|                                                                                             | 1.5           | -                                                           | - | -        | - | -    | -         | -    | -        | 3.2  | 3.7       | 5.6  | 5.8*     | 2.1 | 2.4       | 3.6  | 4.4*     | 1.5  | 1.8       | 2.5* | 2.5*     | 7.4 |      |
|                                                                                             | 0             | -                                                           | - | -        | - | 5.3  | 5.4*      | 5.5* | 5.4*     | 3.0  | 3.5       | 5.4  | 6.3*     | 2.0 | 2.3       | 3.5  | 4.6*     | 1.6  | 1.8       | 2.8  | 2.8*     | 7.1 |      |
| -1.5                                                                                        | -             | -                                                           | - | -        | - | 5.3  | 6.3       | 9.0* | 8.9*     | 2.9  | 3.4       | 5.3  | 6.2*     | 2.0 | 2.3       | 3.5  | 4.5*     | 1.8  | 2.1       | 3.1  | 3.4*     | 6.6 |      |

Notes: 1. Working pressure with Power Boost = 37.5 MPa. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load