KOMATSU

# PW148-11


## Hydraulic wheeled excavator

**Engine power**
110 kW / 148 HP @ 2000 rpm

**Operating weight**
13865 - 16100 kg

**Bucket capacity**
max. 0.86 $m^3$

# PW148-11


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|---|---|---|
| **110 kW / 148 HP @ 2000 rpm** | **13865 - 16100 kg** | **max. 0.86 m³** |

High versatility, low fuel consumption and

# safe performance in tight spaces

## Powerful and environmentally friendly

- EU Stage V engine
- Adjustable idle shutdown
- Komatsu fuel-saving technology
- Excellent travel performance
- High lifting capacity


## Total versatility

- Compact design with short tail swing radius
- Ideal for a wide range of applications
- Additional hydraulic circuit
- Komatsu Integrated Attachment Control (KIAC) (option)
- A wide choice of options

## First-class operator comfort

- Air-suspended operator seat with integrated joystick consoles
- Premium air-suspended operator seat (option)
- Boom suspension system (ECSS) (option)
- KomVision surround view system
- Widescreen monitor
- Joystick steering system (option)

## State-of-the-art controls

- Proportional controls for attachments
- Improved, ergonomic switches
- 6 working modes

## Easy maintenance

- Ground level service access
- Centralised greasing system
- User-friendly location of the electric refuelling pump
- Simple access to the AdBlue® tank

## Komtrax

- Komatsu Wireless Monitoring System
- 4G mobile communications
- Increased operational data and fuel savings
- Integrated communication antenna

KOMATSU CARE™ A maintenance program for Komatsu customers


## Higher productivity

Along with its compact size, the PW148-11 features an unrivalled lifting performance. The combination of power, weight distribution, convenient dimensions and complete control makes it the top choice for heavy-duty lifting applications, simple excavating tasks in narrow alleys, and for road and sewer construction sites.

## Komatsu fuel-saving technology

Fuel consumption on the PW148-11 is lower by up to 5% vs previous model. Engine management is enhanced. The variable speed matching of the engine and hydraulic pumps guarantee efficiency and precision during single and combined movements. A viscous clutch enables variable cooling fan speed to further reduce fuel consumption.

## Adjustable idle shutdown

The Komatsu auto idle shutdown automatically turns off the engine after it idles for a set period of time. This feature can easily be programmed from 5 to 60 minutes, to reduce unnecessary fuel consumption and exhaust emissions, and to lower operating costs. An Eco-gauge and the Eco guidance tips on the cab monitor further encourage efficient operations.

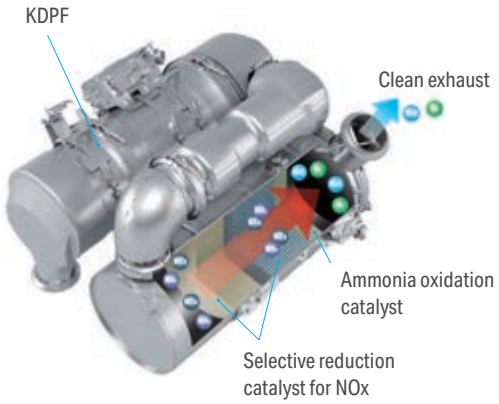
# Powerful and environmentally friendly

## Komatsu EU Stage V

The Komatsu EU Stage V engine is productive, dependable and efficient. With ultra-low emissions, it provides a lower environmental impact and a superior performance to help reduce operating costs and lets the operator work in complete peace of mind.

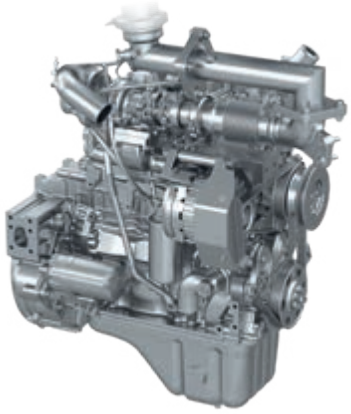
## Heavy-duty aftertreatment

The aftertreatment system combines a Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR). The SCR injects the correct amount of AdBlue® into the system at the proper rate to break down NOx into water ($H_2O$) and non-toxic nitrogen gas ($N_2$).

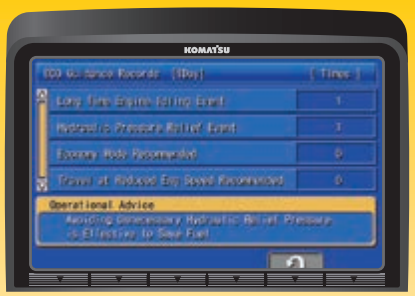



## High-Pressure Common Rail (HPCR)

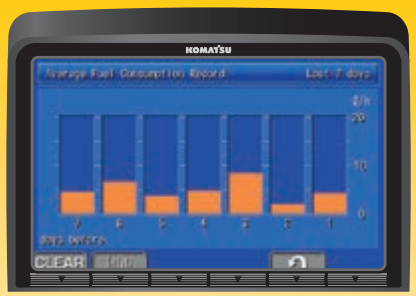
To achieve complete fuel burn and lower exhaust emissions, the heavy-duty High-Pressure Common Rail fuel injection system is computer controlled to deliver a precise quantity of pressurised fuel into the redesigned engine combustion chamber by multiple injections.




Eco-gauge, Eco guidance and fuel consumption gauge




ECO guidance record




Fuel consumption history

## Compact design

The PW148-11 is perfect for confined work sites, with a compact design and a tail swing radius of only 1.85 m. In urbanised areas, but also on road or sewer construction sites where space is limited, the PW148-11 is a high output performer and offers more safety and less worries for the operator.

## Additional hydraulic circuit

To allow the use of many attachments, such as buckets, breakers or clamshell buckets, an additional hydraulic circuit controlled by a sliding joystick button is standard on the PW148-11. To further increase versatility and flexibility, a second optional auxiliary circuit and an optional hydraulic quick-coupler actuation are also available. In combination with the Komatsu Integrated Attachment Control (KIAC), changing and operating different attachments becomes child's play.

PW148-11

# Total versatility

## Quick-couplers

Lehnhoff quick-couplers – mechanical, hydraulic or fully hydraulic – are available for factory installation. They can turn an excavator into a multi-functional tool carrier for any type of attachment. All quick-couplers offer high functional safety thanks to their sealed locking mechanisms and hydraulics. The Lehmatic Safety Control (LSC) assistant system is integrated into the machine's monitor and gives the operator full control of the Lehnhoff quick coupler's locking status.


## Automatic digging brake

This new optional digging brake automatically activates the service brake and oscillation lock when the machine stops, and it releases them when the machine accelerates again. The operator can fully focus on the job with no need to step on the brake.

## Trailer hitch

For increased versatility, the PW148-11 can be equipped with either a car ball type hitch, an agricultural ball type hitch, or a truck type automatic hitch, for trailers up to 7,5 tonnes with an overrun brake. All necessary electric and hydraulic hook-ups are provided, including two auxiliary undercarriage circuits for dumping or tail-gate operation. These trailer functions can be operated from the cab joysticks.

## Boom suspension system (ECSS)

An optional electrical controlled suspension system (ECSS) for the boom provides a significant increase in comfort when traveling over bumps.

## Standard or wide axles

No matter the job, with a small turning radius and excellent traction the axles are built for a maximum performance. For even better stability a 2750 mm wide axle is available. If more traction is needed, an optional 35% differential lock helps to get over rough terrain. To keep the machine cleaner, robust fenders are also available as option.




Komatsu Integrated Attachment Control (KIAC)


Adjustable oil flow

## Komatsu Integrated Attachment Control (KIAC) (option)

For fast and safe tool changes without leaving the cab, the settings for oil flow and pressure of up to 15 hydraulic attachments are available as presets directly on the monitor panel. Komatsu Integrated Attachment Control (KIAC) includes adjustments for the first and second (optional) hydraulic circuits. Selecting the breaker mode automatically cuts all pressure in the return line.

## Increased comfort

The SpaceCab™ provides an ergonomic and quiet work environment, with an outstanding view of the jobsite. ROPS certified, it was specifically designed by Komatsu for hydraulic excavators, with a reinforced pipe-structured framework set up on viscous damper mounts for low vibration levels. The standard telescopic steering wheel is comfortably adjustable in height and reach.

## Improved operator convenience

With increased in-cab storage space, an auxiliary input (MP3 jack) and 12 V and 24 V power supply, the cab offers maximum convenience. The automatic air conditioner allows the operator to easily and precisely set the cab's atmosphere.

## Premium comfort seat (option)

The premium comfort seat comes with suspended joystick consoles, top quality cushioning, auto weight adjustment, pneumatic lumbar support and a climate control system for perfect seat temperature adjustment.

## Low-noise design

Komatsu wheeled excavators have very low external noise levels and are especially well-suited for work in confined spaces or urban areas. The optimal usage of sound insulation and of sound absorbing materials helps to make noise levels inside the cab comparable to those of an executive car.


Premium comfort seat (option)

Exceptionally good overview of the surroundings from the cab

# First-class comfort

## Easy operation

The Komatsu PW148-11 features an operational concept that puts full control of the machine right at the operator's fingertips. Different camera views, undercarriage attachments and the manual axle lock can all be actuated by buttons on top of the operational levers. Without removing the hand from the joystick, the operator can switch from boom operation to undercarriage control for complete and precise control over the parallel dozer blade.

## Proportional controls

The ergonomic joysticks with proportional controls were specially redesigned and developed for working with a wheeled excavator. They have horizontal sliders for the first and second (optional) hydraulic circuits and offer safe and precise operation of attachments such as ditch cleaning buckets, sorting grapples, clamshell buckets, tilt rotators and of many other hydraulic attachments that require very fine control.

## 6 working modes

The PW148-11 delivers the required power with the lowest fuel consumption. 6 working modes are available: Power, Lifting/Fine Operation, Breaker, Economy, Attachment Power and Attachment Economy. The operator can ideally balance the Economy mode between power and economy to match the work at hand.

Ergonomically designed switches that light up for safe and easy night operation

Ergonomic joysticks with proportional controls

## Joystick steering

With the optional joystick steering the operator can precisely fingertip control the machine on any jobsite. This allows the easy combined operation of driving and working with the attachment simultaneously.


Equipped with universal piping for attachments such as breakers, the conversion to a low-pressure mode requires only a push of the breaker mode switch on the monitor.

## An evolutionary interface

Helpful information is now easier than ever to find and understand with the upgraded monitor interface. An optimal main screen for the ongoing work can be selected simply by pressing the F6 key.

## Lower operating costs

Komatsu ICT contributes to the reduction of operating costs by assisting to comfortably and efficiently manage operations. It raises the level of customer satisfaction and the competitive edge of our products.

## Widescreen monitor

Installed with a choice of 26 languages, the widescreen monitor with simple switches and multifunction keys gives fingertip access to a large range of functions and operating info.


Quick view on the operation logs


With KomVision, various camera view options help to maintain a constant bird's eye view from above the machine


Operator identification function

# Information & communication technology

KOMTRAX

## The way to higher productivity

Komtrax uses the latest wireless monitoring technology. Compatible on PC, smartphone or tablet, it delivers insightful and cost saving information about your fleet and equipment, and offers a wealth of information to facilitate peak machine performance. By creating a tightly integrated web of support it allows proactive and preventive maintenance and helps to efficiently run a business.

## Knowledge

You get quick answers to basic and critical questions about your machines – what they're doing, when they did it, where they're located, how they can be used more efficiently and when they need to be serviced. Performance data is relayed by wireless communication technology (satellite, GPRS or 4G depending on model) from the machine to a computer and to the local Komatsu distributor – who's readily available for expert analysis and feedback.

## Power

The detailed information that Komtrax puts at your fingertips 24 hours a day, 7 days a week gives the power to make better daily and long-term strategic decisions – at no extra cost. Problems can be anticipated, maintenance schedules customised, downtime minimised and machines kept where they belong: working on the jobsite.

## Convenience

Komtrax enables convenient fleet management on the web, wherever you are. Data is analysed and packaged specifically for effortless and intuitive viewing in maps, lists, graphs and charts. You can foresee eventual maintenance issues and required spare parts, and troubleshoot a problem before Komatsu technicians arrive on site.

# Safety first

## Optimal jobsite safety

Safety features on the Komatsu PW148-11 comply with the latest industry standards and work in synergy to minimise risks to people in and around the machine. A neutral detection system for travel and work equipment levers increase jobsite safety, along with a seat belt caution indicator and an audible travel alarm. Highly durable anti-slip plates – with additional high friction covering – maintain long term traction performance.


## Safe operation in confined areas

The compact tail design minimises the risks of rear impact and lets the operator concentrate fully on the job. The machine can work safely in narrow spaces or in obstructed areas.

KomVision cameras


Handrails and anti-slip plates


## KomVision

With a series of high definition networked cameras fitted on the machine, KomVision provides a crystal clear, real-time bird's eye view of the immediate surroundings on the widescreen cab monitor. The operator can quickly and easily check the machine's vicinity prior to making any movement, and focus on the work at hand even in low light conditions.

## Safe maintenance

Thermal guards around high temperature areas of the engine, protected fan belt and pulleys, a pump/engine partition that prevents hydraulic oil from spraying onto the engine, and exceptionally sturdy handrails: in Komatsu tradition, the highest safety level is provided for a fast and smooth maintenance.


# Easy maintenance

## Simple and convenient service

The large doors and engine hood give convenient access to all daily service points. Filters are centralised and required service intervals are longer to keep machine downtime to a minimum.

## Remote greasing bar

The PW148-11 features a centralised system that facilitates the regular greasing of the boom. An optional fully automatic greasing system can handle the regular and proper greasing of the complete machine – prolonging the lifetime and increasing the resale value of the excavator.

## Electric refuelling pump

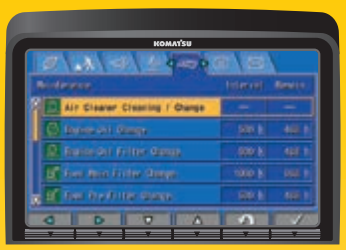
Standard equipment on all PW148-11 includes an automatic shut-off fuelling pump that allows easy refuelling from a barrel.

## Easy radiator access

Thanks to a side-by-side cooler arrangement, the aftercooler and hydraulic oil radiator can be cleaned easily and repaired individually in case of damage.

## Komatsu Care

Komatsu Care is a maintenance program that comes as standard with your new Komatsu machine. It covers factory-scheduled maintenance, performed with Komatsu Genuine parts by Komatsu-trained technicians. It also offers extended coverage of the Komatsu Diesel Particulate Filter (KDPF) and of the Selective Catalytic Reduction (SCR). Please contact your local Komatsu distributor for terms and conditions.



Basic maintenance screen

AdBlue® level and refill guidance


Simple access to the AdBlue® tank

Automatic greasing system (option)

# Specifications

# PW148-11E0

## Engine

| | |
|---|---|
| Model | Komatsu SAA4D107E-5 |
| Type | Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel |
| Engine power | |
| at rated engine speed | 2000 rpm |
| ISO 14396 | 110 kW / 148 HP |
| ISO 9249 (net engine power) | 110 kW / 148 HP |
| No. of cylinders | 4 |
| Bore × stroke | 107 × 124 mm |
| Displacement | 4.5 l |
| Air filter type | Double element type with monitor panel dust indicator and auto dust evacuator |
| Cooling | Suction type cooling fan with radiator fly screen |
| Fuel | Diesel fuel, conforming to EN590 Class 2/ Grade D. Paraffinic fuel capability (HVO, GTL, BTL), conforming to EN 15940:2016 |

## Hydraulic system

| | |
|---|---|
| Type | HydrauMind. Closed-centre system with load sensing and pressure compensation valves |
| Additional circuits | Depending on the specification up to 2 additional proportional control & quick-coupler circuits can be installed |
| Main pump | Variable displacement piston pump supplying boom, arm, bucket, swing and travel circuits |
| Maximum pump flow | 244 l/min |
| Relief valve settings | |
| Implement | 380 kg/cm² |
| Travel | 420 kg/cm² |
| Swing | 280 kg/cm² |
| Pilot circuit | 36 kg/cm² |

## Swing system

| | |
|---|---|
| Type | Axial piston motor driving through planetary double reduction gearbox |
| Swing lock | Electrically actuated wet multi-disc brake integrated into swing motor |
| Swing speed | 0 - 11 rpm |
| Swing torque | 31 kNm |

## Steering system

| | |
|---|---|
| Steering control | Hydraulic steering system supplied from a separate gear pump and controlled through LS orbitrol & priority valves |
| Minimum turning radius | 6.450 mm (to center of outer wheel) |

## Brake system

| | |
|---|---|
| Type | Dual circuit hydraulic braking system supplied from a separate gear pump |
| Service brakes | Pedal actuated wet multi-disc brakes integrated into the axle hubs |
| Parking brake | Electrically actuated wet multi-disc "spring actuation hydraulic release" brake integrated into the transmission |

## Transmission

| | |
|---|---|
| Type | Fully automatic power shift transmission with permanent 4 wheel drive |
| Travel motors | One variable displacement axial piston motor |
| Maximum pressure | 380 bar |
| Travel modes | Automatic + 3 travel modes |
| Max. travel speeds | |
| Hi / Lo / Creep | 35.0 / 10.0 / 2.5 km/h |
| | A max. speed restriction of 20 km/h is available as an option |
| Maximum drawbar pull | 8300 kg |
| Axle oscillation | 10° Lockable in any position from the operator cab |

## Service refill capacities

| | |
|---|---|
| Fuel tank | 250 l |
| Radiator | 22 l |
| Engine oil | 18 l |
| Swing drive | 2.5 l |
| Hydraulic tank | 169 l |
| Transmission | 3.0 l |
| Front differential | 9.5 l |
| Rear differential | 12.4 l |
| Front axle hub | 2.5 l |
| Rear axle hub | 2.5 l |
| Swing pinion grease bath amount | 10.5 l |
| AdBlue® tank | 57.7 l |

## Environment

| | |
|---|---|
| Engine emissions | Fully complies with EU Stage V exhaust emission regulations |
| Noise levels | |
| LwA external | 101 dB(A) (2000/14/EC Stage II) |
| LpA operator ear | 69 dB(A) (ISO 6396 dynamic test) |
| Vibration levels (EN 12096:1997) | |
| Hand/arm | ≤ 2.5 m/s² (uncertainty K = 0.34 m/s²) |
| Body | ≤ 0.5 m/s² (uncertainty K = 0.16 m/s²) |
| Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.9 kg; $CO_2$ equivalent 1.29 t | |

## Operating weight (appr.)

| Undercarriage attachment type | Mono boom | Two-piece boom |
|---|---|---|
| Without | 13865 kg | 14105 kg |
| Rear blade | 14595 kg | 14830 kg |
| Rear outrigger | 14865 kg | 15100 kg |
| 2 outriggers + blade | 15595 kg | 15830 kg |
| 4 outriggers | 15865 kg | 16100 kg |

Operating weight, including specified work equipment, 2500 mm arm, operator, lubricant, coolant, full fuel tank, bucket (475 kg) and the standard equipment.

## Max. bucket capacity and weight

| | Mono boom | | | | | |
|---|---|---|---|---|---|---|
| **Arm length** | **2100 mm** | | **2500 mm** | | **3000 mm** | |
| Material weight up to 1.2 t/m³ | 0.86 m³ | 600 kg | 0.80 m³ | 550 kg | 0.68 m³ | 500 kg |
| Material weight up to 1.5 t/m³ | 0.73 m³ | 525 kg | 0.68 m³ | 500 kg | 0.58 m³ | 450 kg |
| Material weight up to 1.8 t/m³ | 0.63 m³ | 475 kg | 0.50 m³ | 450 kg | 0.50 m³ | 425 kg |

| | Two-piece boom | | | | | |
|---|---|---|---|---|---|---|
| **Arm length** | **2100 mm** | | **2500 mm** | | **3000 mm** | |
| Material weight up to 1.2 t/m³ | 0.77 m³ | 550 kg | 0.71 m³ | 525 kg | 0.62 m³ | 475 kg |
| Material weight up to 1.5 t/m³ | 0.65 m³ | 500 kg | 0.60 m³ | 475 kg | 0.53 m³ | 425 kg |
| Material weight up to 1.8 t/m³ | 0.57 m³ | 450 kg | 0.52 m³ | 425 kg | 0.45 m³ | 400 kg |

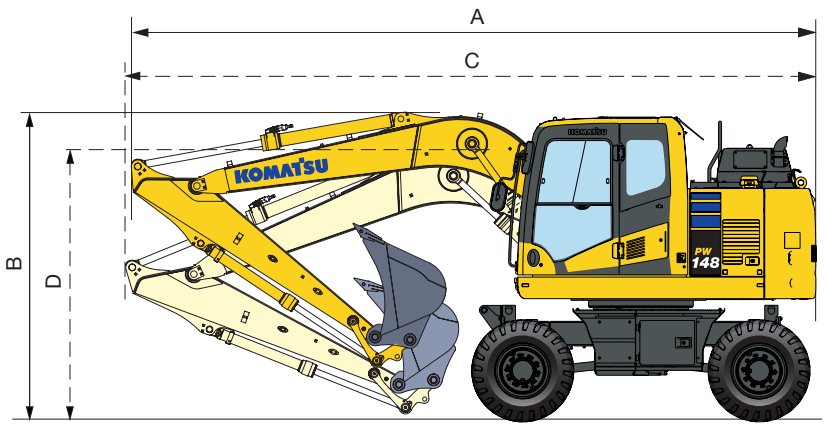
Max. capacity and weight have been calculated according to ISO 10567:2007.
Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

## Bucket and arm force

| Arm length | 2100 mm | 2500 mm | 3000 mm |
|---|---|---|---|
| Bucket digging force | 86 kN | 86 kN | 86 kN |
| Bucket digging force at PowerMax | 93 kN | 93 kN | 93 kN |
| Arm crowd force | 74 kN | 62 kN | 52 kN |
| Arm crowd force at PowerMax | 80 kN | 67 kN | 56 kN |

# Dimensions and performance figures

## Mono boom




### Driving position

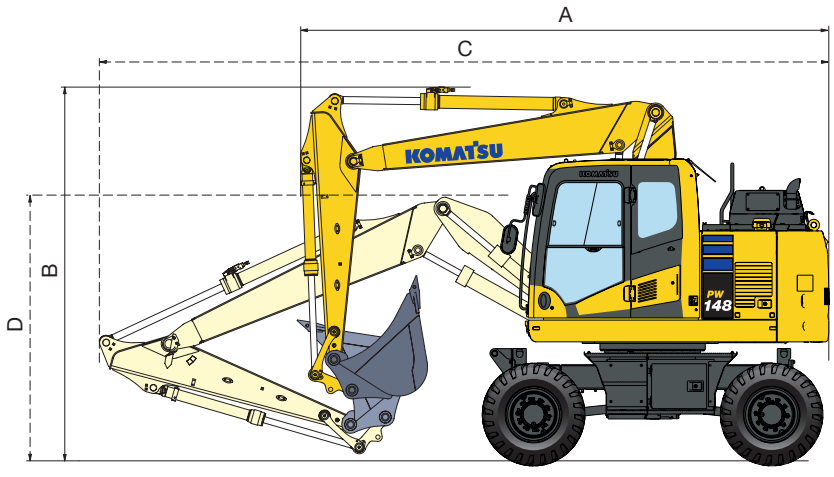
| Arm length | A | B |
|---|---|---|
| 2100 mm | 7120 mm | 3645 mm |
| 2500 mm | 7120 mm | 3645 mm |
| 3000 mm * | 7165 mm | 3665 mm |

### Transport position

| Arm length | C | D |
|---|---|---|
| 2100 mm | 7370 mm | 2845 mm |
| 2500 mm | 7375 mm | 2945 mm |
| 3000 mm | 7390 mm | 3220 mm |

* Driving position without bucket

## Two-piece boom



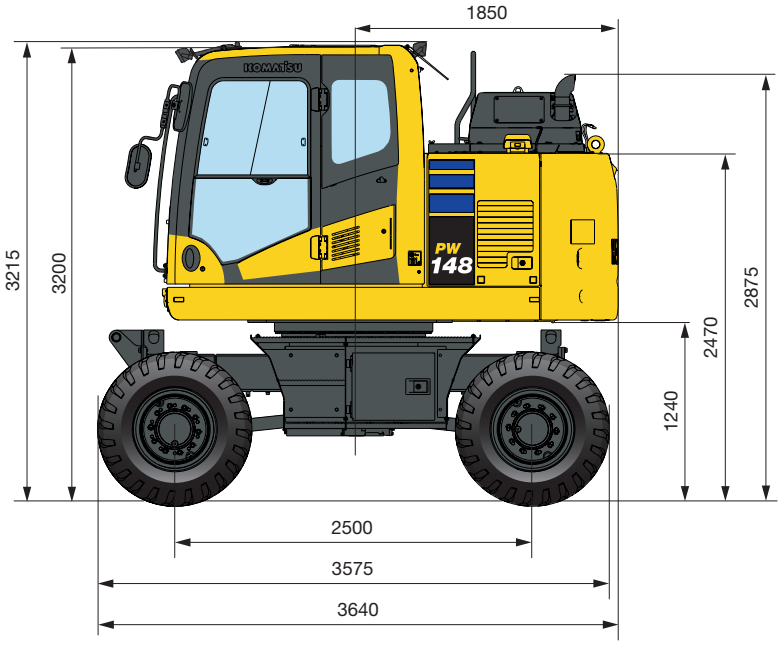

### Driving position

| Arm length | A | B |
|---|---|---|
| 2100 mm | 5635 mm | 3970 mm |
| 2500 mm | 5635 mm | 3970 mm |
| 3000 mm * | 6155 mm | 3970 mm |

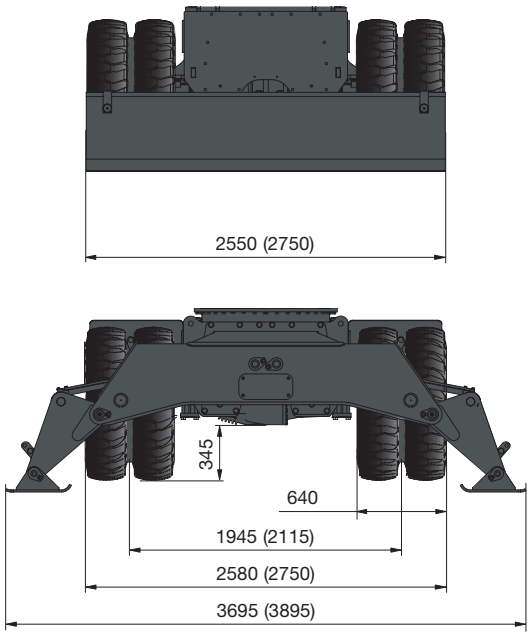
### Transport position

| Arm length | C | D** |
|---|---|---|
| 2100 mm | 7690 mm | 3155 mm |
| 2500 mm | 7690 mm | 3155 mm |
| 3000 mm | 7690 mm | 3155 mm |

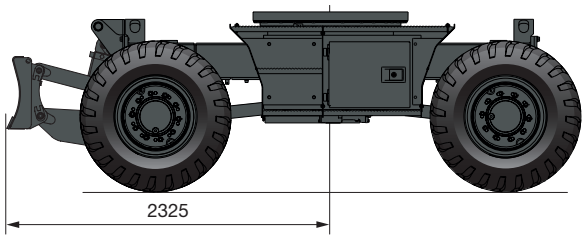
* Driving position without bucket
** Height to top of hose

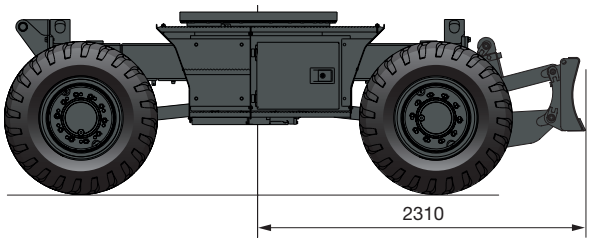


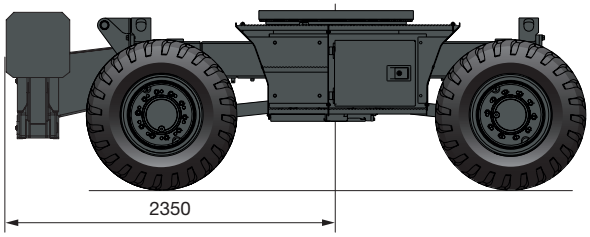

All dimensions with tyres Bandenmarkt Excavator 315/70 R225

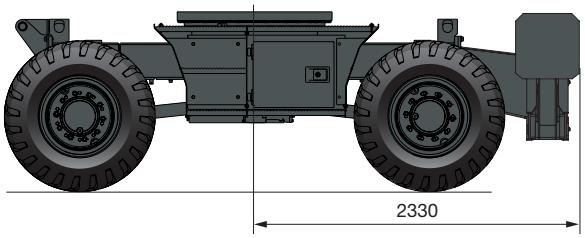



( ): Figures for 2.75 m undercarriage



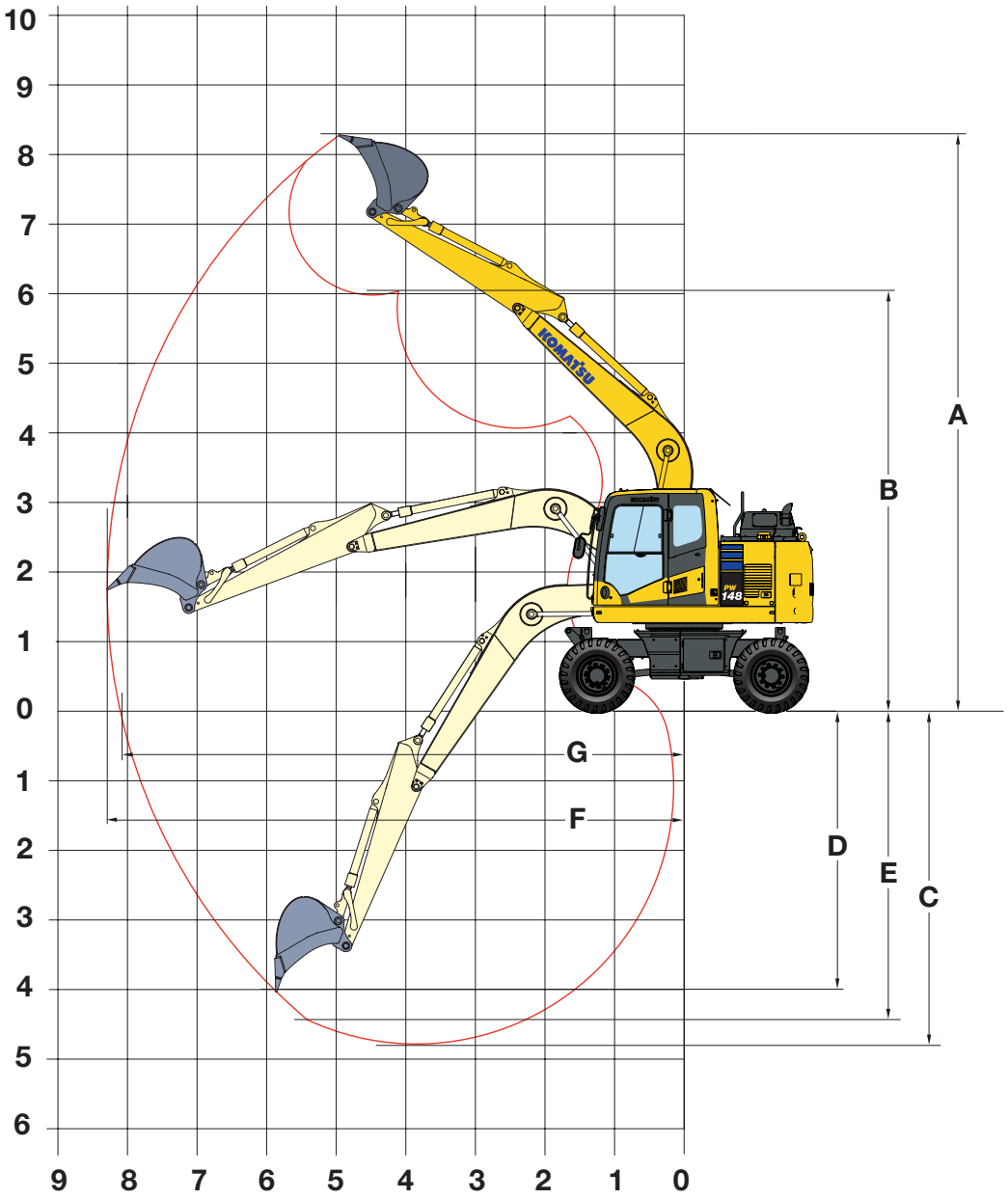



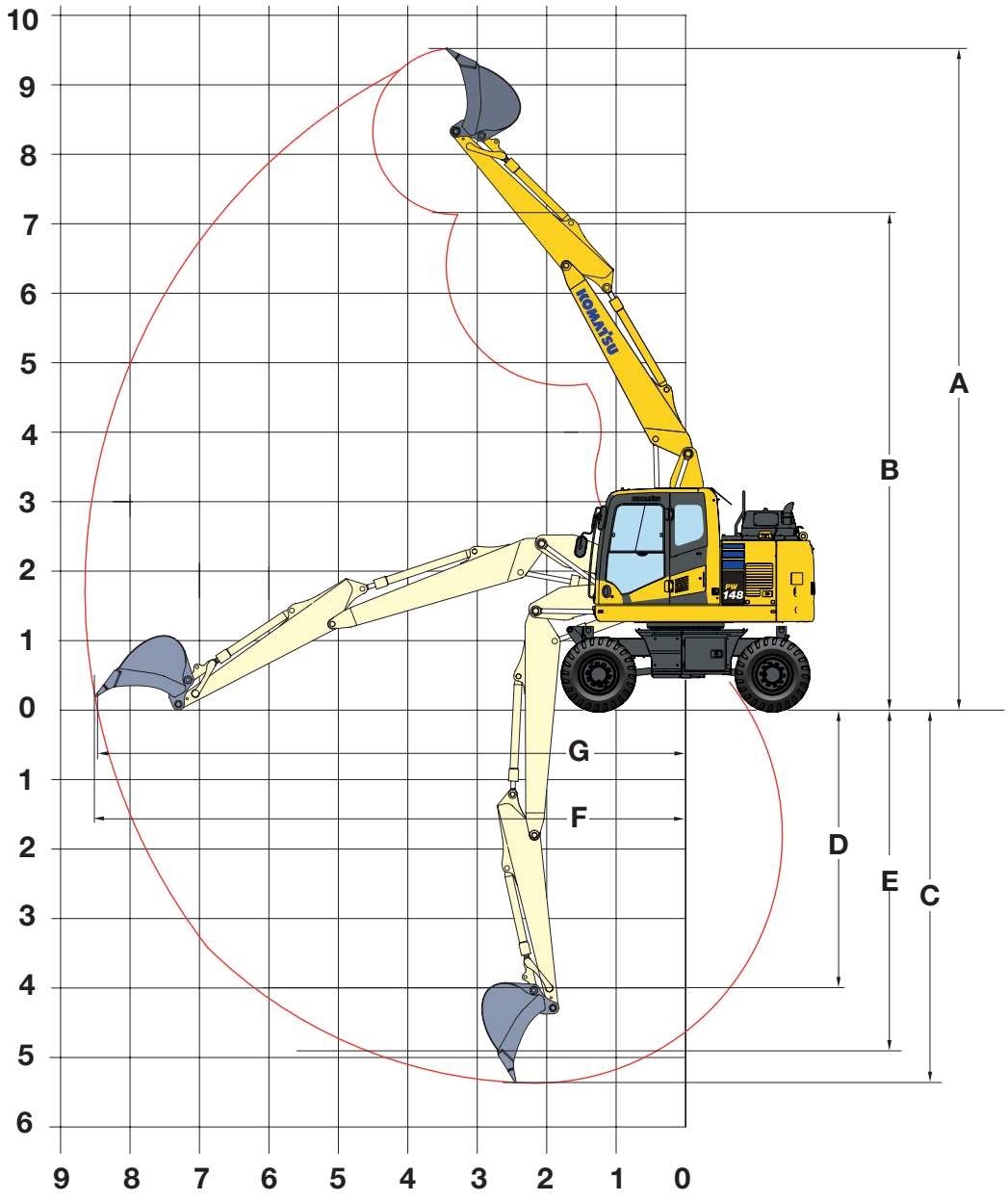
# Working range

## Mono boom




| Arm length | | 2100 mm | 2500 mm | 3000 mm |
|---|---|---|---|---|
| A | Max digging height | 7980 mm | 8270 mm | 8703 mm |
| B | Max dumping height | 5731 mm | 6020 mm | 6447 mm |
| C | Max digging depth | 4462 mm | 4860 mm | 5362 mm |
| D | Max vertical wall digging depth | 3630 mm | 4005 mm | 4470 mm |
| E | Max digging depth of cut for 2440 mm level | 4025 mm | 4570 mm | 4955 mm |
| F | Max digging reach | 7907 mm | 8320 mm | 8807 mm |
| G | Max digging reach at ground level | 7740 mm | 8140 mm | 8640 mm |
| | Min swing radius | 2965 mm | 2910 mm | 2925 mm |

## Two-piece boom

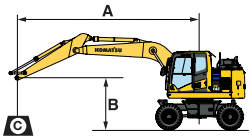



| Arm length | | 2100 mm | 2500 mm | 3000 mm |
|---|---|---|---|---|
| A | Max digging height | 9280 mm | 9570 mm | 9985 mm |
| B | Max dumping height | 6805 mm | 7095 mm | 7510 mm |
| C | Max digging depth | 4885 mm | 5285 mm | 5785 mm |
| D | Max vertical wall digging depth | 3555 mm | 4000 mm | 4495 mm |
| E | Max digging depth of cut for 2440 mm level | 4515 mm | 4935 mm | 5460 mm |
| F | Max digging reach | 8355 mm | 8735 mm | 9230 mm |
| G | Max digging reach at ground level | 8165 mm | 8555 mm | 9060 mm |
| | Min swing radius | 2755 mm | 2855 mm | 3220 mm |

## Lifting capacity / mono boom / undercarriage width 2.55 m

| Arm length | A / B | | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | 2400 | | | | | | | | | |
| | 4.5 m | kg | 2500 | 1850 | | | 2800 | 2100 | 4500 | 3300 | | | | |
| | 3.0 m | kg | 2150 | 1650 | | | 2800 | 2000 | 4350 | 3000 | 8300 | 5700 | | |
| | 1.5 m | kg | 2100 | 1500 | | | 2700 | 1950 | 4050 | 2950 | | | | |
| | 0.0 m | kg | 2150 | 1600 | | | 2600 | 1900 | 3750 | 2800 | 7350 | 4900 | | |
| | - 1.5 m | kg | 2450 | 1750 | | | 2550 | 1800 | 3900 | 2700 | 7350 | 4900 | *6350 | *6350 |
| | - 3.0 m | kg | 3300 | 2250 | | | | | 3900 | 2700 | *6550 | 5000 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | 2150 | | | *2550 | 2150 | | | | | | |
| | 4.5 m | kg | *2250 | 1700 | | | 2850 | 2100 | | | | | | |
| | 3.0 m | kg | 2100 | 1500 | | | 2750 | 2100 | 4350 | 3200 | *8050 | 5900 | | |
| | 1.5 m | kg | 1950 | 1400 | | | 2550 | 1950 | 4100 | 3000 | 7800 | 5200 | | |
| | 0.0 m | kg | 2000 | 1450 | | | 2600 | 1850 | 3850 | 2700 | 7350 | 4800 | | |
| | - 1.5 m | kg | 2200 | 1600 | | | 2550 | 1850 | 3850 | 2700 | 7350 | 4850 | *5750 | *5750 |
| | - 3.0 m | kg | 2700 | 2000 | | | | | 3900 | 2750 | 7400 | 4950 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | 1800 | | | 2900 | 2150 | | | | | | |
| | 4.5 m | kg | *1850 | 1450 | | | 2850 | 2100 | | | | | | |
| | 3.0 m | kg | 1800 | 1300 | 1950 | 1400 | 2700 | 2050 | 4400 | 3200 | | | | |
| | 1.5 m | kg | 1750 | 1200 | 1850 | 1350 | 2700 | 1950 | 4100 | 2900 | 7850 | 5250 | | |
| | 0.0 m | kg | 1700 | 1250 | 1800 | 1350 | 2550 | 1800 | 3700 | 2700 | 7300 | 4800 | | |
| | - 1.5 m | kg | 1850 | 1350 | | | 2400 | 1750 | 3750 | 2600 | 7150 | 4650 | *5000 | *5000 |
| | - 3.0 m | kg | 2300 | 1650 | | | 2500 | 1750 | 3600 | 2600 | 7200 | 4650 | *8050 | *8050 |

Without stabiliser




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | 2800 | | | | | | | | | |
| | 4.5 m | kg | *2700 | 2200 | | | *4050 | 2500 | *5150 | 3900 | | | |
| | 3.0 m | kg | *2700 | 1950 | | | *4850 | 2400 | *6050 | 3700 | *8850 | 6750 | |
| | 1.5 m | kg | *2800 | 1800 | | | *5100 | 2300 | *6800 | 3450 | | | |
| | 0.0 m | kg | *3150 | 1900 | | | *5100 | 2250 | *7050 | 3300 | *7700 | 5900 | |
| | - 1.5 m | kg | *3900 | 2100 | | | *4450 | 2250 | *6400 | 3250 | *9200 | 5900 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | 2800 | | | | | *4600 | 3300 | *6550 | 6000 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2400 | | | *2550 | 2550 | | | | | | |
| | 4.5 m | kg | *2250 | 2000 | | | *4150 | 2550 | | | | | | |
| | 3.0 m | kg | *2250 | 1800 | | | *4700 | 2450 | *5700 | 3750 | *8050 | 7000 | | |
| | 1.5 m | kg | *2350 | 1700 | | | *5050 | 2350 | *6650 | 3500 | *10050 | 6300 | | |
| | 0.0 m | kg | *2650 | 1750 | | | *5150 | 2250 | *7050 | 3300 | *8150 | 5950 | | |
| | - 1.5 m | kg | *3150 | 1950 | | | *4750 | 2200 | *6700 | 3250 | *9800 | 5850 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | 2400 | | | | | *5250 | 3300 | *7550 | 6000 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | 2550 | | | | | | |
| | 4.5 m | kg | *1850 | 1750 | | | *3950 | 2500 | | | | | | |
| | 3.0 m | kg | *1850 | 1550 | *3050 | 1650 | *4350 | 2400 | *5150 | 3750 | | | | |
| | 1.5 m | kg | *1950 | 1500 | *3600 | 1650 | *4750 | 2250 | *6200 | 3450 | *9750 | 6300 | | |
| | 0.0 m | kg | *2100 | 1500 | *3350 | 1550 | *5050 | 2150 | *6850 | 3250 | *8600 | 5850 | | |
| | - 1.5 m | kg | *2500 | 1650 | | | *4850 | 2100 | *6750 | 3150 | *10250 | 5700 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | 2000 | | | *3850 | 2100 | *5700 | 3150 | *8400 | 5750 | *8050 | *8050 |

Front or rear blade

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | *2850 | | | | | | | | | |
| | 4.5 m | kg | *2700 | *2650 | | | *4050 | 3150 | *5150 | 5000 | | | |
| | 3.0 m | kg | *2700 | 2500 | | | *4850 | 3100 | *6050 | 4800 | *8850 | *8850 | |
| | 1.5 m | kg | *2800 | 2400 | | | *5100 | 3000 | *6800 | 4500 | | | |
| | 0.0 m | kg | *3150 | 2450 | | | *5100 | 2950 | *7050 | 4350 | *7700 | *7700 | |
| | - 1.5 m | kg | *3900 | 2750 | | | *4450 | 2900 | *6400 | 4350 | 9200 | 8300 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | 4400 | *6550 | *6550 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | | |
| | 4.5 m | kg | *2250 | *2250 | | | *4150 | 3200 | | | | | | |
| | 3.0 m | kg | *2250 | *2300 | | | *4700 | 3150 | *5700 | 4850 | *8050 | *8050 | | |
| | 1.5 m | kg | *2350 | 2250 | | | *5050 | 3000 | *6650 | 4600 | *10050 | 8700 | | |
| | 0.0 m | kg | *2650 | 2250 | | | *5150 | 2950 | *7050 | 4400 | *8150 | *8150 | | |
| | - 1.5 m | kg | *3150 | 2550 | | | *4750 | 2900 | *6700 | 4350 | *9800 | 8250 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | 3150 | | | | | *5250 | 4350 | *7550 | *7550 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | 3250 | | | | | | |
| | 4.5 m | kg | *1850 | *1850 | | | *3950 | 3200 | | | | | | |
| | 3.0 m | kg | *1850 | *1850 | *3050 | 2200 | *4350 | 3100 | *5150 | 4850 | | | | |
| | 1.5 m | kg | *1950 | 1950 | *3600 | 2100 | *4750 | 3000 | *6200 | 4550 | *9750 | 8750 | | |
| | 0.0 m | kg | 2100 | 1950 | *3350 | 2100 | *5050 | 2850 | *6850 | 4350 | *8600 | 8250 | | |
| | - 1.5 m | kg | *2500 | 2150 | | | *4850 | 2800 | *6750 | 4200 | *10250 | 8100 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | 2650 | | | *3850 | 2800 | *5700 | 4200 | *8400 | 8100 | *8050 | *8050 |

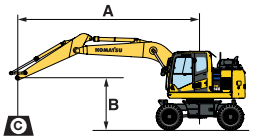
Rear outrigger

Outrigger + blade

| Arm length | | A / B | | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |
| | 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | | 6.0 m | kg | *2850 | *2850 | | | | | | | | | |
| | | 4.5 m | kg | *2700 | *2700 | | | *4050 | 3950 | *5150 | *5150 | | | | |
| | | 3.0 m | kg | *2700 | *2700 | | | *4850 | 3900 | *6050 | *6000 | *8850 | *8850 | | |
| | | 1.5 m | kg | *2800 | *2800 | | | *5100 | 3750 | *6800 | 5800 | | | | |
| | | 0.0 m | kg | *3150 | 3100 | | | *5100 | 3700 | *7050 | 5600 | *7700 | *7700 | | |
| | | - 1.5 m | kg | *3900 | 3450 | | | *4450 | 3650 | *6400 | 5550 | *9200 | *9200 | *6350 | *6350 |
| | | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | *4600 | *6550 | *6550 | | |
| | 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | | |
| | | 4.5 m | kg | *2250 | *2250 | | | *4150 | 4000 | | | | | | |
| | | 3.0 m | kg | *2250 | *2250 | | | *4700 | 3900 | *5700 | *5700 | *8050 | *8050 | | |
| | | 1.5 m | kg | *2350 | *2350 | | | *5050 | 3800 | *6650 | 5850 | *10050 | *10050 | | |
| | | 0.0 m | kg | *2650 | *2650 | | | *5150 | 3700 | *7050 | 5650 | *8150 | *8150 | | |
| | | - 1.5 m | kg | *3150 | *3150 | | | *4750 | 3650 | *6700 | 5550 | *9800 | *9800 | *5750 | *5750 |
| | | - 3.0 m | kg | *3600 | *3600 | | | | | *5250 | *5250 | *7550 | *7550 | | |
| | 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | | 6.0 m | kg | *2000 | *2000 | | | *3300 | *3300 | | | | | | |
| | | 4.5 m | kg | *1850 | *1850 | | | *3950 | *3950 | | | | | | |
| | | 3.0 m | kg | *1850 | *1850 | *3050 | 2700 | *4350 | 3900 | *5150 | *5150 | | | | |
| | | 1.5 m | kg | *1950 | *1950 | *3600 | 2700 | *4750 | 3750 | *6200 | 5850 | *9750 | *9750 | | |
| | | 0.0 m | kg | *2100 | *2100 | *3350 | 2650 | *5050 | 3600 | *6850 | 5550 | *8600 | *8600 | | |
| | | - 1.5 m | kg | *2500 | *2500 | | | *4850 | 3550 | *6750 | 5450 | *10250 | *10250 | *5000 | *5000 |
| | | - 3.0 m | kg | *3300 | *3300 | | | *3850 | 3600 | *5700 | 5400 | *8400 | *8400 | *8050 | *8050 |

Outrigger front + rear

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2100 mm | 7.5 m | kg | | | | | | | | | | | | |
| | | 6.0 m | kg | *2850 | *2850 | | | | | | | | | | |
| | | 4.5 m | kg | *2700 | *2700 | | | *4050 | *4050 | *5150 | *5150 | | | | |
| | | 3.0 m | kg | *2700 | *2700 | | | *4850 | *4850 | *6050 | *6050 | *8850 | *8850 | | |
| | | 1.5 m | kg | *2800 | *2800 | | | *5100 | 4800 | *6800 | *6800 | | | | |
| | | 0.0 m | kg | *3150 | *3150 | | | *5100 | 4700 | *7050 | *7050 | *7700 | *7700 | | |
| | | - 1.5 m | kg | *3900 | *3900 | | | *4450 | *4450 | *6400 | *6400 | *9200 | *9200 | *6350 | *6350 |
| | | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | *4600 | *6550 | *6550 | | |
| | 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | | |
| | | 4.5 m | kg | *2250 | *2250 | | | *4150 | *4150 | | | | | | |
| | | 3.0 m | kg | *2250 | *2250 | | | *4700 | *4700 | *5700 | *5700 | *8050 | *8050 | | |
| | | 1.5 m | kg | *2350 | *2350 | | | *5050 | 4800 | *6650 | *6650 | *10050 | *10050 | | |
| | | 0.0 m | kg | *2650 | *2650 | | | *5150 | 4700 | *7050 | *7050 | *8150 | *8150 | | |
| | | - 1.5 m | kg | *3150 | *3150 | | | *4750 | 4650 | *6700 | *6700 | *9800 | *9800 | *5750 | *5750 |
| | | - 3.0 m | kg | *3600 | *3600 | | | | | *5250 | *5250 | *7550 | *7550 | | |
| | 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | | 6.0 m | kg | *2000 | *2000 | | | *3300 | *3300 | | | | | | |
| | | 4.5 m | kg | *1850 | *1850 | | | *3950 | *3950 | | | | | | |
| | | 3.0 m | kg | *1850 | *1850 | *3050 | *3050 | *4350 | *4350 | *5150 | *5150 | | | | |
| | | 1.5 m | kg | *1950 | *1950 | *3600 | 3400 | *4750 | *4750 | *6200 | *6200 | *9750 | *9750 | | |
| | | 0.0 m | kg | *2100 | *2100 | *3350 | 3300 | *5050 | 4450 | *6850 | *6850 | *8600 | *8600 | | |
| | | - 1.5 m | kg | *2500 | *2500 | | | *4850 | 4550 | *6750 | *6750 | *10250 | *10250 | *5000 | *5000 |
| | | - 3.0 m | kg | *3300 | *3300 | | | *3850 | *3850 | *5700 | *5700 | *8400 | *8400 | *8050 | *8050 |




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

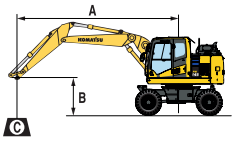
When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## Lifting capacity / two-piece boom / undercarriage width 2.55 m

| Arm length | A / B | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| 2100 mm | 7.5 m | kg | *3550 | 3300 | | | | | *3700 | 3300 | | |
| | 6.0 m | kg | 2850 | 2100 | | | 2850 | 2100 | *4050 | 3450 | | |
| | 4.5 m | kg | 2250 | 1650 | | | 2800 | 2100 | 4500 | 3300 | | |
| | 3.0 m | kg | 1950 | 1500 | | | 2700 | 2000 | 4250 | 3050 | | |
| | 1.5 m | kg | 1950 | 1350 | | | 2550 | 1900 | 4000 | 2700 | | |
| | 0.0 m | kg | 1950 | 1450 | | | 2550 | 1800 | 3850 | 2700 | | |
| | - 1.5 m | kg | 2200 | 1600 | | | 2550 | 1800 | 3800 | 2650 | 7250 | 4800 |
| | - 3.0 m | kg | | | | | | | | | | |
| 2500 mm | 7.5 m | kg | *2850 | 2750 | | | | | *3950 | 3450 | | |
| | 6.0 m | kg | *2400 | 1850 | | | 2950 | 2150 | | | | |
| | 4.5 m | kg | 2100 | 1500 | | | 2900 | 2100 | 4350 | 3350 | | |
| | 3.0 m | kg | 1800 | 1350 | 1950 | 1400 | 2800 | 2050 | 4350 | 3150 | | |
| | 1.5 m | kg | 1800 | 1300 | 1950 | 1400 | 2550 | 1900 | 4050 | 2850 | | |
| | 0.0 m | kg | 1800 | 1350 | 1900 | 1350 | 2550 | 1800 | 3600 | 2700 | *5450 | 4750 |
| | - 1.5 m | kg | 2050 | 1450 | | | 2550 | 1800 | 3800 | 2650 | 7200 | 4700 |
| | - 3.0 m | kg | 2650 | 1850 | | | | | 3750 | 2700 | | |
| 3000 mm | 7.5 m | kg | *2300 | 2150 | | | | | | | | |
| | 6.0 m | kg | *2000 | 1600 | | | 2950 | 2150 | | | | |
| | 4.5 m | kg | 1800 | 1300 | 1950 | 1400 | 2850 | 2100 | *3850 | 3400 | | |
| | 3.0 m | kg | 1650 | 1200 | 1950 | 1350 | 2700 | 2000 | 4150 | 3150 | | |
| | 1.5 m | kg | 1550 | 1100 | 1850 | 1350 | 2600 | 1850 | 4050 | 2850 | | |
| | 0.0 m | kg | 1600 | 1150 | 1800 | 1250 | 2400 | 1700 | 3750 | 2600 | *5700 | 4650 |
| | - 1.5 m | kg | 1700 | 1200 | 1800 | 1250 | 2300 | 1700 | 3650 | 2550 | 7000 | 4550 |
| | - 3.0 m | kg | 2100 | 1500 | | | 2350 | 1650 | 3650 | 2550 | 7050 | 4600 |

Without stabiliser




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3700 | *3650 | | |
| | 6.0 m | kg | *2900 | 2450 | | | *3050 | 2450 | *4050 | 3950 | | |
| | 4.5 m | kg | *2700 | 1950 | | | *4100 | 2450 | *5200 | 3850 | | |
| | 3.0 m | kg | *2700 | 1750 | | | *4350 | 2400 | *5850 | 3600 | | |
| | 1.5 m | kg | *2750 | 1650 | | | *4700 | 2250 | *6850 | 3350 | | |
| | 0.0 m | kg | *3050 | 1700 | | | *5050 | 2200 | *6900 | 3200 | | |
| | - 1.5 m | kg | *3550 | 1950 | | | *4450 | 2150 | *6200 | 3150 | *8500 | 5850 |
| | - 3.0 m | kg | | | | | | | | | | |
| 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | |
| | 6.0 m | kg | *2400 | 2200 | | | *3750 | 2550 | | | | |
| | 4.5 m | kg | *2300 | 1800 | | | *4000 | 2500 | *4950 | 3900 | | |
| | 3.0 m | kg | *2250 | 1650 | *3350 | 1700 | *4200 | 2400 | *5600 | 3650 | | |
| | 1.5 m | kg | *2350 | 1550 | *3600 | 1650 | *4600 | 2250 | *6600 | 3400 | | |
| | 0.0 m | kg | *2550 | 1600 | *3350 | 1650 | *5000 | 2200 | *6950 | 3250 | *5450 | *5450 |
| | - 1.5 m | kg | *2950 | 1750 | | | *4700 | 2150 | *6450 | 3150 | *8600 | 5750 |
| | - 3.0 m | kg | *3400 | 2250 | | | | | *5100 | 3200 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | |
| | 6.0 m | kg | *2000 | 1850 | | | *3700 | 2550 | | | | |
| | 4.5 m | kg | *1900 | 1550 | *3000 | 1650 | *3750 | 2500 | *3850 | *3850 | | |
| | 3.0 m | kg | *1850 | 1400 | *3250 | 1650 | *4000 | 2400 | *5200 | 3700 | | |
| | 1.5 m | kg | *1900 | 1350 | *3350 | 1600 | *4300 | 2250 | *6050 | 3400 | | |
| | 0.0 m | kg | *2050 | 1350 | *3600 | 1500 | *4700 | 2100 | *6800 | 3150 | *5700 | 5700 |
| | - 1.5 m | kg | *2350 | 1500 | *3250 | 1500 | *4750 | 2050 | *6550 | 3050 | *7800 | 5550 |
| | - 3.0 m | kg | *2800 | 1800 | | | *3850 | 2100 | *5550 | 3050 | *7800 | 5650 |

Front or rear blade

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3700 | *3700 | | |
| | 6.0 m | kg | *2900 | *2950 | | | *3050 | *3000 | *4050 | *4050 | | |
| | 4.5 m | kg | *2700 | 2550 | | | *4100 | 3150 | *5200 | 4950 | | |
| | 3.0 m | kg | *2700 | 2250 | | | *4350 | 3050 | *5850 | 4700 | | |
| | 1.5 m | kg | *2750 | 2200 | | | *4700 | 2950 | *6850 | 4450 | | |
| | 0.0 m | kg | *3050 | 2250 | | | *5050 | 2850 | *6900 | 4300 | | |
| | - 1.5 m | kg | *3550 | 2500 | | | *4450 | 2850 | *6200 | 4250 | *8500 | 8150 |
| | - 3.0 m | kg | | | | | | | | | | |
| 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | |
| | 6.0 m | kg | *2400 | *2400 | | | *3750 | 3250 | | | | |
| | 4.5 m | kg | *2300 | *2300 | | | *4000 | 3200 | *4950 | *4950 | | |
| | 3.0 m | kg | *2250 | 2100 | *3350 | 2200 | *4200 | 3100 | *5600 | 4800 | | |
| | 1.5 m | kg | *2350 | 2050 | *3600 | 2150 | *4600 | 3000 | *6600 | 4500 | | |
| | 0.0 m | kg | *2550 | 2100 | *3350 | 2100 | *5000 | 2850 | *6950 | 4350 | *5450 | *5450 |
| | - 1.5 m | kg | *2950 | 2300 | | | *4700 | 2850 | *6450 | 4250 | *8600 | 8150 |
| | - 3.0 m | kg | * 3400 | 2950 | | | | | * 5100 | 4300 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3700 | 3250 | | | | |
| | 4.5 m | kg | *1900 | *1900 | *3000 | 2200 | *3750 | 3200 | *3850 | *3850 | | |
| | 3.0 m | kg | *1850 | *1850 | *3250 | 2150 | *4000 | 3050 | *5200 | 4800 | | |
| | 1.5 m | kg | *1900 | 1800 | *3350 | 2100 | *4300 | 2950 | *6050 | 4500 | | |
| | 0.0 m | kg | *2050 | 1800 | *3600 | 2050 | *4700 | 2800 | *6800 | 4200 | *5700 | *5700 |
| | - 1.5 m | kg | *2350 | 2000 | *3250 | 2050 | *4750 | 2750 | *6550 | 4150 | *7800 | *7800 |
| | - 3.0 m | kg | *2800 | 2400 | | | *3850 | 2750 | *5550 | 4150 | *7800 | *7900 |

Rear outrigger

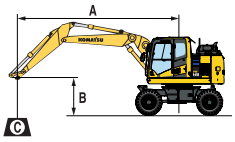
| Arm length | A / B | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

Outrigger + blade

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3700 | *3700 | | | |
| | 6.0 m | kg | *2900 | *2900 | | | *3050 | *3050 | *4050 | *4050 | | | |
| | 4.5 m | kg | *2700 | *2700 | | | *4100 | 3950 | *5200 | *5200 | | | |
| | 3.0 m | kg | *2700 | *2700 | | | *4350 | 3850 | *5850 | *5850 | | | |
| | 1.5 m | kg | *2750 | 2700 | | | *4700 | 3750 | *6850 | 5700 | | | |
| | 0.0 m | kg | *3050 | 2850 | | | *5050 | 3650 | *6900 | 5550 | | | |
| | - 1.5 m | kg | *3550 | 3150 | | | *4450 | 3600 | *6200 | 5500 | *8500 | *8500 | |
| | - 3.0 m | kg | | | | | | | | | | | |
| 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | | |
| | 6.0 m | kg | *2400 | *2400 | | | *3750 | *3750 | | | | | |
| | 4.5 m | kg | *2300 | *2300 | | | *4000 | *4000 | *4950 | *4950 | | | |
| | 3.0 m | kg | *2250 | *2250 | *3350 | 2650 | *4200 | 3900 | *5600 | *5600 | | | |
| | 1.5 m | kg | *2350 | *2350 | *3600 | 2700 | *4600 | 3750 | *6600 | 5750 | | | |
| | 0.0 m | kg | *2550 | *2550 | *3350 | 2700 | *5000 | 3650 | *6950 | 5550 | *5450 | *5450 | |
| | - 1.5 m | kg | *2950 | 2900 | | | *4700 | 3600 | *6450 | 5500 | *8600 | *8600 | |
| | - 3.0 m | kg | *3400 | *3400 | | | | | *5100 | *5050 | | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3700 | *3700 | | | | | |
| | 4.5 m | kg | *1900 | *1900 | *3000 | 2700 | *3750 | *3750 | *3850 | *3850 | | | |
| | 3.0 m | kg | *1850 | *1850 | *3250 | 2700 | *4000 | 3850 | *5200 | *5200 | | | |
| | 1.5 m | kg | *1900 | *1900 | *3350 | 2650 | *4300 | 3700 | *6050 | 5750 | | | |
| | 0.0 m | kg | *2050 | *2050 | *3600 | 2600 | *4700 | 3600 | *6800 | 5500 | *5700 | *5700 | |
| | - 1.5 m | kg | *2350 | *2350 | *3250 | 2550 | *4750 | 3500 | *6550 | 5400 | *7800 | *7800 | *3900 | *3900 |
| | - 3.0 m | kg | *2800 | *2800 | | | *3850 | 3550 | *5550 | 5400 | *7800 | *7800 | |

Outrigger front + rear

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3700 | *3700 | | | |
| | 6.0 m | kg | *2900 | *2900 | | | *3050 | *3050 | *4050 | *4050 | | | |
| | 4.5 m | kg | *2700 | *2700 | | | *4100 | *4100 | *5200 | *5200 | | | |
| | 3.0 m | kg | *2700 | *2700 | | | *4350 | *4350 | *5850 | *5850 | | | |
| | 1.5 m | kg | *2750 | *2750 | | | *4700 | *4700 | *6850 | *6850 | | | |
| | 0.0 m | kg | *3050 | *3050 | | | *5050 | 4350 | *6900 | *6900 | | | |
| | - 1.5 m | kg | *3550 | *3550 | | | *4450 | *4450 | *6200 | *6200 | *8500 | *8500 | |
| | - 3.0 m | kg | | | | | | | | | | | |
| 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | | |
| | 6.0 m | kg | *2400 | *2400 | | | *3750 | *3750 | | | | | |
| | 4.5 m | kg | *2300 | *2300 | | | *4000 | *4000 | *4950 | *4950 | | | |
| | 3.0 m | kg | *2250 | *2250 | *3350 | *3350 | *4200 | *4200 | *5600 | *5600 | | | |
| | 1.5 m | kg | *2350 | *2350 | *3600 | 3300 | *4600 | *4600 | *6600 | *6600 | | | |
| | 0.0 m | kg | *2550 | *2550 | *3350 | *3350 | *5000 | 4650 | *6950 | *6950 | *5450 | *5450 | |
| | - 1.5 m | kg | *2950 | *2950 | | | *4700 | 4650 | *6450 | *6450 | *8600 | *8600 | |
| | - 3.0 m | kg | *3400 | *3400 | | | | | *5100 | *5100 | | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3700 | *3700 | | | | | |
| | 4.5 m | kg | *1900 | *1900 | *3000 | *3000 | *3750 | *3750 | *3850 | *3850 | | | |
| | 3.0 m | kg | *1850 | *1850 | *3250 | *3250 | *4000 | *4000 | *5200 | *5200 | | | |
| | 1.5 m | kg | *1900 | *1900 | *3350 | 3150 | *4300 | *4300 | *6050 | *6050 | | | |
| | 0.0 m | kg | *2050 | *2050 | *3600 | 3050 | *4700 | 4600 | *6800 | *6800 | *5700 | *5700 | |
| | - 1.5 m | kg | *2350 | *2350 | *3250 | 3050 | *4750 | 4250 | *6550 | *6550 | *7800 | *7800 | *3900 | *3900 |
| | - 3.0 m | kg | *2800 | *2800 | | | *3850 | *3850 | *5550 | *5550 | *7800 | *7800 | |




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## Lifting capacity / mono boom / undercarriage width 2.75 m

| Arm length | A / B | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |

Without stabiliser

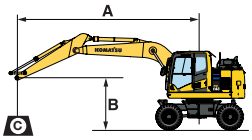
| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | 2700 | | | | | | | | | |
| | 4.5 m | kg | 2550 | 2100 | | | 2900 | 2400 | 4650 | 3750 | | | |
| | 3.0 m | kg | 2250 | 1850 | | | 2850 | 2350 | 4400 | 3550 | 8450 | 6600 | |
| | 1.5 m | kg | 2150 | 1800 | | | 2750 | 2250 | 4150 | 3300 | | | |
| | 0.0 m | kg | 2250 | 1800 | | | 2700 | 2150 | 4000 | 3150 | 7500 | 5700 | |
| | - 1.5 m | kg | 2550 | 2050 | | | 2650 | 2150 | 3950 | 3150 | 7500 | 5700 | *6350 | *6350 |
| | - 3.0 m | kg | 3300 | 2700 | | | | | 4000 | 3200 | *6550 | 5850 | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | 2450 | | | | | |
| | 4.5 m | kg | *2250 | 1950 | | | 3000 | 2450 | | | | | |
| | 3.0 m | kg | 2100 | 1700 | | | 2850 | 2350 | 4500 | 3600 | *8050 | 6750 | |
| | 1.5 m | kg | 2000 | 1650 | | | 2750 | 2250 | 4200 | 3400 | 7950 | 6050 | |
| | 0.0 m | kg | 2100 | 1650 | | | 2700 | 2150 | 4050 | 3200 | 7550 | 5700 | |
| | - 1.5 m | kg | 2300 | 1850 | | | 2650 | 2100 | 3900 | 3150 | 7450 | 5700 | *5750 | *5750 |
| | - 3.0 m | kg | 2900 | 2350 | | | | | 3950 | 3150 | 7550 | 5750 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | 3000 | 2450 | | | | | | |
| | 4.5 m | kg | *1850 | 1650 | | | 2950 | 2400 | | | | | | |
| | 3.0 m | kg | 1850 | 1500 | 1950 | 1600 | 2850 | 2300 | 4500 | 3600 | | | | |
| | 1.5 m | kg | 1800 | 1400 | 1950 | 1550 | 2700 | 2200 | 4200 | 3350 | 8000 | 6150 | | |
| | 0.0 m | kg | 1800 | 1450 | 1900 | 1500 | 2600 | 2100 | 3950 | 3150 | 7450 | 5650 | | |
| | - 1.5 m | kg | 1950 | 1600 | | | 2550 | 2000 | 3800 | 3000 | 7300 | 5500 | *5000 | *5000 |
| | - 3.0 m | kg | 2400 | 1950 | | | 2550 | 2050 | 3800 | 3000 | 7350 | 5550 | *8050 | *8050 |

Front or rear blade

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | *2900 | | | | | | | | | |
| | 4.5 m | kg | *2700 | 2450 | | | *4050 | 2800 | *5150 | 4350 | | | |
| | 3.0 m | kg | *2700 | 2150 | | | *4850 | 2700 | *6050 | 4150 | *8850 | 7850 | |
| | 1.5 m | kg | *2800 | 2100 | | | *5100 | 2600 | *6800 | 3900 | | | |
| | 0.0 m | kg | *3150 | 2100 | | | *5100 | 2550 | *7050 | 3750 | *7700 | 6900 | |
| | - 1.5 m | kg | *3900 | 2400 | | | *4450 | 2550 | *6400 | 3750 | *9200 | 6900 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | 3150 | | | | | *4600 | 3750 | *6550 | *6550 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | |
| | 4.5 m | kg | *2250 | *2250 | | | *4150 | 2850 | | | | | |
| | 3.0 m | kg | *2250 | 2000 | | | *4700 | 2750 | *5700 | 4200 | *8050 | 8000 | | |
| | 1.5 m | kg | *2350 | 1950 | | | *5050 | 2650 | *6650 | 3950 | *10050 | 7250 | | |
| | 0.0 m | kg | *2650 | 1950 | | | *5150 | 2550 | *7050 | 3750 | *8150 | 6900 | | |
| | - 1.5 m | kg | *3150 | 2200 | | | *4750 | 2500 | *6700 | 3700 | *9800 | 6900 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | 2750 | | | | | *5250 | 3750 | *7550 | 6950 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | 2850 | | | | | | |
| | 4.5 m | kg | *1850 | *1850 | | | *3950 | 2850 | | | | | | |
| | 3.0 m | kg | *1850 | 1750 | *3050 | 1900 | *4350 | 2700 | *5150 | 4200 | | | | |
| | 1.5 m | kg | *1950 | 1650 | *3600 | 1850 | *4750 | 2550 | *6200 | 3950 | *9750 | 7350 | | |
| | 0.0 m | kg | *2100 | 1700 | *3350 | 1800 | *5050 | 2450 | *6850 | 3700 | *8600 | 6850 | | |
| | - 1.5 m | kg | *2500 | 1900 | | | *4850 | 2400 | *6750 | 3600 | *10250 | 6700 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | 2250 | | | *3850 | 2400 | *5700 | 3600 | *8400 | 6750 | *8050 | *8050 |

Rear outrigger

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | *2850 | | | | | | | | | |
| | 4.5 m | kg | *2700 | *2650 | | | *4050 | 3450 | *5150 | *5150 | | | |
| | 3.0 m | kg | *2700 | *2650 | | | *4850 | 3400 | *6050 | 5250 | *8850 | *8850 | |
| | 1.5 m | kg | *2800 | 2600 | | | *5100 | 3300 | *6800 | 5000 | | | |
| | 0.0 m | kg | *3150 | 2700 | | | *5100 | 3200 | *7050 | 4850 | *7700 | *7700 | |
| | - 1.5 m | kg | *3900 | 3050 | | | *4450 | 3200 | *6400 | 4800 | *9200 | *9200 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | *4600 | *6550 | *6550 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | |
| | 4.5 m | kg | *2250 | *2250 | | | *4150 | 3550 | | | | | |
| | 3.0 m | kg | *2250 | *2300 | | | *4700 | 3450 | *5700 | 5350 | *8050 | *8050 | |
| | 1.5 m | kg | *2350 | *2350 | | | *5050 | 3300 | *6650 | 5100 | *10050 | 9800 | | |
| | 0.0 m | kg | *2650 | 2500 | | | *5150 | 3250 | *7050 | 4900 | *8150 | *8150 | | |
| | - 1.5 m | kg | *3150 | 2750 | | | *4750 | 3200 | *6700 | 4800 | *9800 | 9350 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | 3500 | | | | | *5250 | 4800 | *7550 | *7550 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | *3300 | | | | | | |
| | 4.5 m | kg | *1850 | *1850 | | | *3950 | 3500 | | | | | | |
| | 3.0 m | kg | *1850 | *1850 | *3050 | 2400 | *4350 | 3400 | *5150 | *5150 | | | | |
| | 1.5 m | kg | *1950 | *1950 | *3600 | 2350 | *4750 | 3300 | *6200 | 5050 | *9750 | *9700 | | |
| | 0.0 m | kg | *2100 | *2150 | *3350 | 2300 | *5050 | 3150 | *6850 | 4800 | *8600 | *8600 | | |
| | - 1.5 m | kg | *2500 | 2400 | | | *4850 | 3100 | *6750 | 4650 | *10250 | 9200 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | 2900 | | | *3850 | 3100 | *5700 | 4650 | *8400 | *8400 | *8050 | *8050 |




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over rear/front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

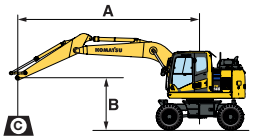
| Arm length | A / B | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

Outrigger + blade

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | *2850 | | | | | | | | | | |
| | 4.5 m | kg | *2700 | *2700 | | | *4050 | *4050 | *5150 | *5150 | | | | |
| | 3.0 m | kg | *2700 | *2700 | | | *4850 | 4250 | *6050 | *6050 | *8850 | *8850 | | |
| | 1.5 m | kg | *2800 | *2800 | | | *5100 | 4150 | *6800 | 6450 | | | | |
| | 0.0 m | kg | *3150 | *3150 | | | *5100 | 4050 | *7050 | 6250 | *7700 | *7700 | | |
| | - 1.5 m | kg | *3900 | 3850 | | | *4450 | 4050 | *6400 | 6200 | *9200 | *9200 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | *4600 | *6550 | *6550 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | | |
| | 4.5 m | kg | *2250 | *2250 | | | *4150 | *4150 | | | | | | |
| | 3.0 m | kg | *2250 | *2250 | | | *4700 | 4300 | *5700 | *5700 | *8050 | *8050 | | |
| | 1.5 m | kg | *2350 | *2350 | | | *5050 | 4200 | *6650 | 6500 | *10050 | *10050 | | |
| | 0.0 m | kg | *2650 | *2650 | | | *5150 | 4050 | *7050 | 6300 | *8150 | *8150 | | |
| | - 1.5 m | kg | *3150 | *3150 | | | *4750 | 4050 | *6700 | 6200 | *9800 | *9800 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | *3600 | | | | | *5250 | *5250 | *7550 | *7550 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | *3300 | | | | | | |
| | 4.5 m | kg | *1850 | *1850 | | | *3950 | *3950 | | | | | | |
| | 3.0 m | kg | *1850 | *1850 | *3050 | 3000 | *4350 | 4250 | *5150 | *5150 | | | | |
| | 1.5 m | kg | *1950 | *1950 | *3600 | 2950 | *4750 | 4150 | *6200 | *6200 | *9750 | *9750 | | |
| | 0.0 m | kg | *2100 | *2100 | *3350 | 2900 | *5050 | 4000 | *6850 | 6200 | *8600 | *8600 | | |
| | - 1.5 m | kg | *2500 | *2500 | | | *4850 | 3900 | *6750 | 6100 | *10250 | *10250 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | *3300 | | | *3850 | *3850 | *5700 | *5700 | *8400 | *8400 | *8050 | *8050 |

Outrigger front + rear

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2100 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2850 | *2850 | | | | | | | | | | |
| | 4.5 m | kg | *2700 | *2700 | | | *4050 | *4050 | *5150 | *5150 | | | | |
| | 3.0 m | kg | *2700 | *2700 | | | *4850 | *4850 | *6050 | *6050 | *8850 | *8850 | | |
| | 1.5 m | kg | *2800 | *2800 | | | *5100 | 5100 | *6800 | *6800 | | | | |
| | 0.0 m | kg | *3150 | *3150 | | | *5100 | 5050 | *7050 | *7050 | *7700 | *7700 | | |
| | - 1.5 m | kg | *3900 | *3900 | | | *4450 | *4450 | *6400 | *6400 | *9200 | *9200 | *6350 | *6350 |
| | - 3.0 m | kg | *3500 | *3500 | | | | | *4600 | *4600 | *6550 | *6550 | | |
| 2500 mm | 7.5 m | kg | | | | | | | | | | | | |
| | 6.0 m | kg | *2350 | *2350 | | | *2550 | *2550 | | | | | | |
| | 4.5 m | kg | *2250 | *2250 | | | *4150 | *4150 | | | | | | |
| | 3.0 m | kg | *2250 | *2250 | | | *4700 | *4700 | *5700 | *5700 | *8050 | *8050 | | |
| | 1.5 m | kg | *2350 | *2350 | | | *5050 | *5050 | *6650 | *6650 | *10050 | *10050 | | |
| | 0.0 m | kg | *2650 | *2650 | | | *5150 | 5050 | *7050 | *7050 | *8150 | *8150 | | |
| | - 1.5 m | kg | *3150 | *3150 | | | *4750 | *4750 | *6700 | *6700 | *9800 | *9800 | *5750 | *5750 |
| | - 3.0 m | kg | *3600 | *3600 | | | | | *5250 | *5250 | *7550 | *7550 | | |
| 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m | kg | *2000 | *2000 | | | *3300 | *3300 | | | | | | |
| | 4.5 m | kg | *1850 | *1850 | | | *3950 | *3950 | | | | | | |
| | 3.0 m | kg | *1850 | *1850 | *3050 | *3050 | *4350 | *4350 | *5150 | *5150 | | | | |
| | 1.5 m | kg | *1950 | *1950 | *3600 | *3600 | *4750 | *4750 | *6200 | *6200 | *9750 | *9750 | | |
| | 0.0 m | kg | *2100 | *2100 | *3350 | *3350 | *5050 | 4950 | *6850 | *6850 | *8600 | *8600 | | |
| | - 1.5 m | kg | *2500 | *2500 | | | *4850 | *4850 | *6750 | *6750 | *10250 | *10250 | *5000 | *5000 |
| | - 3.0 m | kg | *3300 | *3300 | | | *3850 | *3850 | *5700 | *5700 | *8400 | *8400 | *8050 | *8050 |




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over rear/front

– Rating over side

– Rating at maximum reach

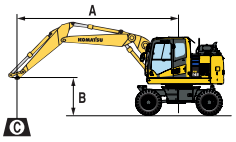
When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## Lifting capacity / two-piece boom / undercarriage width 2.75 m

| Arm length | A / B | ⊛ | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| 2100 mm | 7.5 m kg | *3550 | *3550 | | | | | *3750 | *3750 | | | | |
| | 6.0 m kg | *2900 | 2400 | | | 3000 | 2400 | *4050 | 3900 | | | | |
| | 4.5 m kg | 2400 | 1950 | | | 3000 | 2450 | 4650 | 3800 | | | | |
| | 3.0 m kg | 2100 | 1700 | | | 2850 | 2350 | 4450 | 3600 | | | | |
| | 1.5 m kg | 2050 | 1650 | | | 2800 | 2250 | 4200 | 3300 | | | | |
| | 0.0 m kg | 2100 | 1700 | | | 2700 | 2150 | 4050 | 3150 | | | | |
| | - 1.5 m kg | 2350 | 1900 | | | 2700 | 2150 | 4000 | 3150 | 7650 | 5750 | | |
| | - 3.0 m kg | | | | | | | | | | | | |
| 2500 mm | 7.5 m kg | *2850 | *2850 | | | | | *3950 | *3950 | | | | |
| | 6.0 m kg | *2400 | 2150 | | | 3050 | 2500 | | | | | | |
| | 4.5 m kg | 2200 | 1800 | | | 3000 | 2500 | 4750 | 3900 | | | | |
| | 3.0 m kg | 1950 | 1600 | 2100 | 1650 | 2900 | 2400 | 4500 | 3650 | | | | |
| | 1.5 m kg | 1900 | 1550 | 2000 | 1650 | 2800 | 2250 | 4200 | 3350 | | | | |
| | 0.0 m kg | 1950 | 1550 | 1950 | 1600 | 2700 | 2150 | 4050 | 3200 | *5400 | *5400 | | |
| | - 1.5 m kg | 2150 | 1750 | | | 2650 | 2100 | 3950 | 3150 | 7550 | 5700 | | |
| | - 3.0 m kg | 2750 | 2250 | | | | | 4000 | 3150 | | | | |
| 3000 mm | 7.5 m kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m kg | *2000 | 1850 | | | 3050 | 2500 | | | | | | |
| | 4.5 m kg | 1900 | 1500 | 2050 | 1650 | 3000 | 2450 | *3850 | *3850 | | | | |
| | 3.0 m kg | 1750 | 1350 | 2000 | 1650 | 2850 | 2350 | 4500 | 3650 | | | | |
| | 1.5 m kg | 1650 | 1350 | 1950 | 1550 | 2750 | 2200 | 4200 | 3350 | | | | |
| | 0.0 m kg | 1700 | 1350 | 1900 | 1500 | 2600 | 2100 | 3950 | 3150 | *5700 | 5600 | | |
| | - 1.5 m kg | 1850 | 1500 | 1900 | 1500 | 2550 | 2050 | 3850 | 3000 | 7350 | 5550 | *3900 | *3900 |
| | - 3.0 m kg | 2200 | 1800 | | | 2550 | 2050 | 3850 | 3000 | 7400 | 5550 | | |

Without stabiliser




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over rear/front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

| Arm length | A / B | ⊛ | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| 2100 mm | 7.5 m kg | *3550 | *3550 | | | | | *3750 | *3750 | | | | |
| | 6.0 m kg | *2900 | 2800 | | | *3100 | 2850 | *4050 | *4000 | | | | |
| | 4.5 m kg | *2700 | 2250 | | | *4150 | 2850 | *5250 | 4400 | | | | |
| | 3.0 m kg | *2700 | 2000 | | | *4400 | 2700 | *5900 | 4200 | | | | |
| | 1.5 m kg | *2750 | 1950 | | | *4750 | 2650 | *6850 | 3900 | | | | |
| | 0.0 m kg | *3050 | 2000 | | | *5050 | 2550 | *6900 | 3750 | | | | |
| | - 1.5 m kg | *3550 | 2250 | | | *4450 | 2550 | *6200 | 3750 | *8500 | 6950 | | |
| | - 3.0 m kg | | | | | | | | | | | | |
| 2500 mm | 7.5 m kg | *2850 | *2850 | | | | | *3950 | *3950 | | | | |
| | 6.0 m kg | *2400 | *2400 | | | *3750 | 2900 | | | | | | |
| | 4.5 m kg | *2300 | 2100 | | | *4050 | 2850 | *5000 | 4500 | | | | |
| | 3.0 m kg | *2250 | 1900 | *3350 | 1950 | *4250 | 2750 | *5650 | 4250 | | | | |
| | 1.5 m kg | *2350 | 1800 | *3650 | 1950 | *4600 | 2650 | *6650 | 3950 | | | | |
| | 0.0 m kg | *2550 | 1850 | *3400 | 1900 | *5050 | 2550 | *6950 | 3750 | *5400 | *5400 | | |
| | - 1.5 m kg | *2950 | 2050 | | | *4700 | 2550 | *6450 | 3750 | *8500 | 6900 | | |
| | - 3.0 m kg | *3400 | 2600 | | | | | *5050 | 3750 | | | | |
| 3000 mm | 7.5 m kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m kg | *2000 | *2000 | | | *3700 | 2900 | | | | | | |
| | 4.5 m kg | *1900 | 1800 | *3000 | 1950 | *3800 | 2850 | *3850 | *3850 | | | | |
| | 3.0 m kg | *1850 | 1650 | *3250 | 1950 | *4000 | 2700 | *5250 | 4250 | | | | |
| | 1.5 m kg | *1900 | 1600 | *3400 | 1850 | *4350 | 2600 | *6150 | 3900 | | | | |
| | 0.0 m kg | *2050 | 1600 | *3650 | 1800 | *4750 | 2450 | *6800 | 3700 | *5700 | *5650 | | |
| | - 1.5 m kg | *2350 | 1750 | *3300 | 1800 | *4750 | 2400 | *6550 | 3600 | *7700 | 6700 | *3900 | *3900 |
| | - 3.0 m kg | *2800 | 2100 | | | *3850 | 2400 | *5500 | 3600 | *7800 | 6750 | | |

Front or rear blade

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

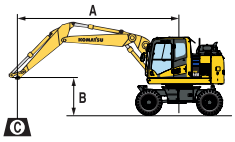
| Arm length | A / B | ⊛ | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| 2100 mm | 7.5 m kg | *3550 | *3550 | | | | | *3750 | *3750 | | | | |
| | 6.0 m kg | *2900 | *2950 | | | *3100 | *3100 | *4050 | *4050 | | | | |
| | 4.5 m kg | *2700 | *2700 | | | *4150 | 3550 | *5250 | *5250 | | | | |
| | 3.0 m kg | *2700 | 2550 | | | *4400 | 3450 | *5900 | 5300 | | | | |
| | 1.5 m kg | *2750 | 2450 | | | *4750 | 3300 | *6850 | 5000 | | | | |
| | 0.0 m kg | *3050 | 2550 | | | *5050 | 3250 | *6900 | 4850 | | | | |
| | - 1.5 m kg | *3550 | 2850 | | | *4450 | 3200 | *6200 | 4800 | *8500 | *8500 | | |
| | - 3.0 m kg | | | | | | | | | | | | |
| 2500 mm | 7.5 m kg | *2850 | *2850 | | | | | *3950 | *3950 | | | | |
| | 6.0 m kg | *2400 | *2400 | | | *3750 | 3600 | | | | | | |
| | 4.5 m kg | *2300 | *2300 | | | *4050 | 3600 | *5000 | *5000 | | | | |
| | 3.0 m kg | *2250 | *2250 | *3350 | 2450 | *4250 | 3450 | *5650 | 5400 | | | | |
| | 1.5 m kg | *2350 | 2250 | *3650 | 2400 | *4600 | 3350 | *6650 | 5100 | | | | |
| | 0.0 m kg | *2550 | 2350 | *3400 | 2400 | *5050 | 3250 | *6950 | 4900 | *5400 | *5400 | | |
| | - 1.5 m kg | *2950 | 2550 | | | *4700 | 3200 | *6450 | 4800 | *8500 | *8500 | | |
| | - 3.0 m kg | *3400 | 3300 | | | | | *5050 | 4850 | | | | |
| 3000 mm | 7.5 m kg | *2300 | *2300 | | | | | | | | | | |
| | 6.0 m kg | *2000 | *2000 | | | *3700 | 3600 | | | | | | |
| | 4.5 m kg | *1900 | *1900 | *3000 | 2450 | *3800 | 3550 | *3850 | *3850 | | | | |
| | 3.0 m kg | *1850 | *1850 | *3250 | 2400 | *4000 | 3450 | *5250 | *5250 | | | | |
| | 1.5 m kg | *1900 | *1950 | *3400 | 2350 | *4350 | 3300 | *6150 | 5050 | | | | |
| | 0.0 m kg | *2050 | 2050 | *3650 | 2300 | *4750 | 3150 | *6800 | 4800 | *5700 | *5700 | | |
| | - 1.5 m kg | *2350 | 2250 | *3300 | 2250 | *4750 | 3100 | *6550 | 4700 | *7700 | *7700 | *3900 | *3900 |
| | - 3.0 m kg | *2800 | 2700 | | | *3850 | 3100 | *5500 | 4700 | *7800 | *7800 | | |

Rear outrigger

| Arm length | A / B | | | 7.5 m | | 6.0 m | | 4.5 m | | 3.0 m | | 1.5 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outrigger + blade | 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3750 | *3750 | | | | |
| | | 6.0 m | kg | *2900 | *2900 | | | *3100 | *3100 | *4050 | *4050 | | | | |
| | | 4.5 m | kg | *2700 | *2700 | | | *4150 | *4150 | *5250 | *5250 | | | | |
| | | 3.0 m | kg | *2700 | *2700 | | | *4400 | 4300 | *5900 | *5900 | | | | |
| | | 1.5 m | kg | *2750 | *2750 | | | *4750 | 4200 | *6850 | 6450 | | | | |
| | | 0.0 m | kg | *3050 | *3050 | | | *5050 | 4050 | *6900 | 6300 | | | | |
| | | - 1.5 m | kg | *3550 | 3550 | | | *4450 | 4050 | *6200 | *6200 | *8500 | *8500 | | |
| | | - 3.0 m | kg | | | | | | | | | | | | |
| | 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | | | |
| | | 6.0 m | kg | *2400 | *2400 | | | *3750 | *3750 | | | | | | |
| | | 4.5 m | kg | *2300 | *2300 | | | *4050 | *4050 | *5000 | *5000 | | | | |
| | | 3.0 m | kg | *2250 | *2250 | *3350 | 3050 | *4250 | *4250 | *5650 | *5650 | | | | |
| | | 1.5 m | kg | *2350 | *2350 | *3650 | 3000 | *4600 | 4200 | *6650 | 6500 | | | | |
| | | 0.0 m | kg | *2550 | *2550 | *3400 | 3000 | *5050 | 4100 | *6950 | 6300 | *5400 | *5400 | | |
| | | - 1.5 m | kg | *2950 | *2950 | | | *4700 | 4050 | *6450 | 6200 | *8500 | *8500 | | |
| | | - 3.0 m | kg | *3400 | *3400 | | | | | *5050 | *5050 | | | | |
| | 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | | 6.0 m | kg | *2000 | *2000 | | | *3700 | *3700 | | | | | | |
| | | 4.5 m | kg | *1900 | *1900 | *3000 | *3000 | *3800 | *3800 | *3850 | *3850 | | | | |
| | | 3.0 m | kg | *1850 | *1850 | *3250 | 3000 | *4000 | *4000 | *5250 | *5250 | | | | |
| | | 1.5 m | kg | *1900 | *1900 | *3400 | 3000 | *4350 | 4150 | *6150 | *6150 | | | | |
| | | 0.0 m | kg | *2050 | *2050 | *3650 | 2900 | *4750 | 4050 | *6800 | 6200 | *5700 | *5700 | | |
| | | - 1.5 m | kg | *2350 | *2350 | *3300 | 2900 | *4750 | 3950 | *6550 | 6100 | *7700 | *7700 | *3900 | *3900 |
| | | - 3.0 m | kg | *2800 | *2800 | | | *3850 | *3850 | *5500 | *5500 | *7800 | *7800 | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outrigger front + rear | 2100 mm | 7.5 m | kg | *3550 | *3550 | | | | | *3750 | *3750 | | | | |
| | | 6.0 m | kg | *2900 | *2900 | | | *3100 | *3100 | *4050 | *4050 | | | | |
| | | 4.5 m | kg | *2700 | *2700 | | | *4150 | *4150 | *5250 | *5250 | | | | |
| | | 3.0 m | kg | *2700 | *2700 | | | *4400 | *4400 | *5900 | *5900 | | | | |
| | | 1.5 m | kg | *2750 | *2750 | | | *4750 | *4750 | *6850 | *6850 | | | | |
| | | 0.0 m | kg | *3050 | *3050 | | | *5050 | *5050 | *6900 | *6900 | | | | |
| | | - 1.5 m | kg | *3550 | *3550 | | | *4450 | *4450 | *6200 | *6200 | *8500 | *8500 | | |
| | | - 3.0 m | kg | | | | | | | | | | | | |
| | 2500 mm | 7.5 m | kg | *2850 | *2850 | | | | | *3950 | *3950 | | | | |
| | | 6.0 m | kg | *2400 | *2400 | | | *3750 | *3750 | | | | | | |
| | | 4.5 m | kg | *2300 | *2300 | | | *4050 | *4050 | *5000 | *5000 | | | | |
| | | 3.0 m | kg | *2250 | *2250 | *3350 | *3350 | *4250 | *4250 | *5650 | *5650 | | | | |
| | | 1.5 m | kg | *2350 | *2350 | *3650 | *3650 | *4600 | *4600 | *6650 | *6650 | | | | |
| | | 0.0 m | kg | *2550 | *2550 | *3400 | *3400 | *5050 | *5050 | *6950 | *6950 | *5400 | *5400 | | |
| | | - 1.5 m | kg | *2950 | *2950 | | | *4700 | *4700 | *6450 | *6450 | *8500 | *8500 | | |
| | | - 3.0 m | kg | *3400 | *3400 | | | | | *5050 | *5050 | | | | |
| | 3000 mm | 7.5 m | kg | *2300 | *2300 | | | | | | | | | | |
| | | 6.0 m | kg | *2000 | *2000 | | | *3700 | *3700 | | | | | | |
| | | 4.5 m | kg | *1900 | *1900 | *3000 | *3000 | *3800 | *3800 | *3850 | *3850 | | | | |
| | | 3.0 m | kg | *1850 | *1850 | *3250 | *3250 | *4000 | *4000 | *5250 | *5250 | | | | |
| | | 1.5 m | kg | *1900 | *1900 | *3400 | *3400 | *4350 | *4350 | *6150 | *6150 | | | | |
| | | 0.0 m | kg | *2050 | *2050 | *3650 | 3600 | *4750 | *4750 | *6800 | *6800 | *5700 | *5700 | | |
| | | - 1.5 m | kg | *2350 | *2350 | *3300 | *3300 | *4750 | *4750 | *6550 | *6550 | *7700 | *7700 | *3900 | *3900 |
| | | - 3.0 m | kg | *2800 | *2800 | | | *3850 | *3850 | *5500 | *5500 | *7800 | *7800 | | |




**A** – Reach from swing center

**B** – Bucket hook height

**C** – Lifting capacities, including bucket linkage (84 kg) and bucket cylinder (96 kg)

– Rating over rear/front

– Rating over side

– Rating at maximum reach

When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on ISO standard 10567.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

# Standard and optional equipment

## Engine

| | |
|---|---|
| Komatsu SAA4D107E-5 turbocharged common rail direct injection diesel engine | ● |
| EU Stage V compliant | ● |
| Suction type cooling fan | ● |
| Automatic engine warm-up system | ● |
| Engine overheat prevention system | ● |
| Auto-deceleration function | ● |
| Adjustable idle shutdown | ● |
| Engine ignition can be password secured on request | ● |
| Batteries 2 × 12 V/125 Ah | ● |
| Alternator 24 V / 85 A | ● |
| Starter motor 24 V / 4.5 kW | ● |

## Hydraulic system

| | |
|---|---|
| Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydrauMind) | ● |
| Pump and engine mutual control (PEMC) system | ● |
| 6-working mode selection system; Power, Lifting/Fine Operation, Breaker, Economy, Attachment Power and Attachment Economy | ● |
| PowerMax function | ● |
| Adjustable PPC wrist control levers for arm, boom, bucket and swing, with sliding proportional control for attachments and 5 auxiliary buttons, with FNR switch | ● |
| Additional hydraulic circuit (HCU-B) | ● |
| Additional hydraulic circuit (HCU-C) | ○ |
| Extension HCU-C to HCU-D | ○ |
| Komatsu Integrated Attachment Control (KIAC) | ○ |
| Boom suspension system (ECSS) | ○ |
| Prepared for hydraulic quick-coupler | ○ |

## Undercarriage

| | |
|---|---|
| Parallel blade (front and/or rear) with cylinder protection | ○ |
| 2 or 4 outriggers with cylinder protection, individually adjustable | ○ |
| Limited-slip differential (LSD) | ○ |
| Twin tyres 10.00-20 16 PR | ○ |
| Twin tyres (solid tyres) 10.00-20 | ○ |
| Twin tyres 315/70 R22.5 | ○ |
| Single tyres 445/70 R19.5 | ○ |
| Single tyres 710/40 22.5 | ○ |
| Trailer hitches | ○ |
| Fenders | ○ |

## Cabin

| | |
|---|---|
| SpaceCab™; ROPS, highly pressurised and tightly sealed hyper viscous mounted cab with tinted safety glass windows, large roof window with sun shade, pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, sun roller blind, cigarette lighter, luggage shelf, floor mat | ● |
| Heated air suspension seat with lumbar support, arm rests and retractable seat belt | ● |
| Automatic climate control system | ● |
| 12/24 Volt power supplies | ● |
| Beverage holder and magazine rack | ● |
| Hot and cool box | ● |
| Adjustable steering column | ● |
| Premium comfort seat | ○ |
| DAB+ radio with Bluetooth®, USB, AUX and hands-free kit | ○ |
| Heated, adjustable, suspended seat | ○ |
| Lower wiper | ○ |
| Rain visor (not with OPG) | ○ |
| Joystick steering system | ○ |

## Safety equipment

| | |
|---|---|
| KomVision surround view system | ● |
| Electric horn | ● |
| Overload warning device | ● |
| Lockable fuel cap and covers | ● |
| Audible travel alarm | ● |
| Large handrails, rear-view mirrors | ● |
| Battery main switch | ● |
| Boom safety valves | ● |
| Arm safety valve | ● |
| Adjust cylinder safety valve | ● |
| OPG Level II front guard (FOPS) | ○ |
| OPG Level II top guard (FOPS) | ○ |
| Audible travel alarm (white noise version) | ○ |

## Lighting system

| | |
|---|---|
| Standard halogen working lights package | ● |
| LED working lights package | ○ |
| Advanced LED working lights package | ○ |
| Beacon | ○ |

## Service and maintenance

| | |
|---|---|
| Automatic fuel line de-aeration | ● |
| Double element type air cleaner with dust indicator and auto dust evacuator | ● |
| Komtrax – Komatsu wireless monitoring system (4G) | ● |
| Multifunction video compatible colour monitor with Equipment Management and Monitoring System (EMMS) and efficiency guidance | ● |
| Toolkit | ● |
| Komatsu Care – a maintenance program for Komatsu customers | ● |
| Remote greasing bar | ● |
| Automatic greasing system | ○ |

## Drives and brakes

| | |
|---|---|
| Fully automatic 3-speed transmission driving through front and rear planetary axles | ● |
| Oscillating front axle (10°) with automatic and manual cylinder locking | ● |
| Cruise control | ● |
| 2.55 m wide undercarriage | ● |
| 2.75 m wide undercarriage | ○ |
| 20, 25 or 35 km/h speed limitation | ○ |
| Transmission guard | ○ |
| Automatic digging brake | ○ |

## Work equipment

| | |
|---|---|
| Mono boom | ○ |
| Two-piece boom | ○ |
| 2100 mm; 2500 mm; 3000 mm arms | ○ |
| Clamshell grip bar | ○ |
| Lehnhoff quick-couplers | ○ |
| Lehnhoff buckets | ○ |

## Other equipment

| | |
|---|---|
| Standard counterweight | ● |
| Electric refuelling pump with automatic shut-off function | ● |
| Single chassis tool box | ● |
| Additional chassis tool box | ○ |
| Biodegradable oil for hydraulic system | ○ |
| Customised paint | ○ |
| License plate holder | ○ |

Further equipment on request

● standard equipment
○ optional equipment

This specification sheet may contain attachments and optional equipment that are not available in your area.
Please consult your local Komatsu distributor for those items you may require.
Materials and specifications are subject to change without notice.

Your Komatsu partner:

KOMATSU

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