

| ENGINE | STD | OPT |
|---|-----|-----|
| Cummins QSB 6.7 engine | ● | |
| HYDRAULIC SYSTEM | | |
| Intelligent Power Control (IPC) | | |
| 3-power mode, 2-work mode, user mode | ● | |
| Variable Power Control | ● | |
| Pump Flow Control | ● | |
| Attachment Mode Flow Control | | ● |
| Engine Auto Idle | ● | |
| Engine Auto Shutdown Control | | ● |
| Electronic Fan Control | ● | |
| Hyundai Bio Hydraulic Oil (HBHO) | | ● |
| CAB & INTERIOR | | |
| ISO Standard cabin | | |
| Rise-up type windshield wiper | ● | |
| Radio / USB player | ● | |
| Handsfree mobile phone system with USB | ● | |
| 12 volt power outlet (24V DC to 12V DC converter) | ● | |
| Electric horn | ● | |
| All-weather steel cab with 360° visibility | ● | |
| Safety glass windows | ● | |
| Sliding fold-in front window | ● | |
| Sliding side window(LH) | ● | |
| Lockable door | ● | |
| Hot & cool box | ● | |
| Storage compartment & Ashtray | ● | |
| Transparent cabin roof-cover | ● | |
| Sun visor | ● | |
| Door and cab locks, one key | ● | |
| Mechanical suspension seat with heater | ● | |
| Pilot-operated slidable joystick | ● | |
| Console box height adjust system | ● | |
| Automatic climate control | | |
| Air conditioner & heater | ● | |
| Defroster | ● | |
| Starting Aid (air grid heater) for cold weather | ● | |
| Centralized monitoring | | |
| 8" LCD display | ● | |
| Engine speed or Trip meter/Accel. | ● | |
| Engine coolant temperature gauge | ● | |
| Max power | ● | |
| Low speed/High speed | ● | |
| Auto idle | ● | |
| Overload | ● | |
| Check Engine | ● | |
| Air cleaner clogging | ● | |
| Indicators | ● | |
| ECO Gauges | ● | |
| Fuel level gauge | ● | |
| Hyd. oil temperature gauge | ● | |
| Fuel warmer | ● | |
| Warnings | ● | |
| Communication error | ● | |
| Low battery | ● | |
| Clock | ● | |
| Cabin lights | | ● |
| Cabin front window rain guard | | ● |
| Cabin roof-steel cover | | ● |
| Seat | | |
| Adjustable air suspension seat with heater | | ● |
| Cabin FOPS | | |
| FOPS (Falling Object Protective Structures) · ISO 10262 Level 2 | | ● |
| Cabin ROPS | | |
| ROPS (Roll Over Protective Structures) | ● | |

| SAFETY | STD | OPT |
|---|-----------|-----|
| Battery master switch | ● | |
| Rearview camera | | ● |
| AAVM (Advanced Around View Monitoring) | | ● |
| Four front working lights (2 boom mounted, 2 front frame mounted) | ● | |
| Travel alarm | | ● |
| Rear work lamp | | ● |
| Beacon lamp | | ● |
| Automatic swing brake | ● | |
| Boom holding system | ● | |
| Arm holding system | ● | |
| Safety lock valve for boom cylinder with overload warning device | | ● |
| Safety lock valve for arm cylinder | | ● |
| Swing Lock System | | ● |
| Four outside rearview mirror | ● | |
| General Type Guardrail | ● | |
| Separable Type Guardrail | | ● |
| OTHER | | |
| Booms | | |
| 5.65 m, 18' 6" Mono | ● | |
| 5.39 m, 17' 8" 2-Piece | | ● |
| Arms | | |
| 2.0 m, 6' 7" | | ● |
| 2.4 m, 7' 10" | | ● |
| 2.92 m, 9' 7" | ● | |
| Removable clean-out dust net for cooler | ● | |
| Removable reservoir tank | ● | |
| Fuel pre-filter | ● | |
| Fuel warmer | single | |
| | dual | ● |
| Self-diagnostics system | ● | |
| Hi-mate (Remote Management System) | Mobile | ● |
| | Satellite | ● |
| Batteries (2 x 12V x 100 AH) | ● | |
| Fuel filler pump (50 L/min) | | ● |
| Single-acting piping kit (breaker, etc.) | | ● |
| Double-acting piping kit (clamshell, etc.) | | ● |
| Rotating Piping Kit | | ● |
| Quick coupler piping | | ● |
| Quick coupler | | ● |
| Accumulator for lowering work equipment | ● | |
| Pattern change valve (2 patterns) | | ● |
| Fine Swing Control System | | ● |
| Tool kit | | ● |
| Auto cruiser system | ● | |
| Travel pedal (2way) | | ● |
| LED lights on boom (2) | | ● |
| UNDERCARRIAGE | | |
| Front outrigger and rear blade | ● | |
| Front and rear outrigger | | ● |
| Front blade and rear outrigger | | ● |
| Tires-dual (10.00-20-14PR tube) | ● | |
| Tires-dual (10.00-20-16PR tube) | | ● |
| Tires-dual (10.00-20 solid) | | ● |
| Fenders (Mudguards) | | ● |
| Rear blade | | ● |
| Front grapple rest and rear blade with trailer fixture | | ● |
| Wide axle 2.7 m | | ● |

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information.
The machine may vary according to International standards.
* The photos may include attachments and optional equipment that are not available in your area.
* Materials and specifications are subject to change without advance notice.
* All imperial measurements rounded off to the nearest pound or inch.


MOVING YOU FURTHER

HW210

With Tier4 final / Stage IV Engine installed



*Photo may include optional equipment.



HYUNDAI

CONSTRUCTION EQUIPMENT

Head Office (Sales office)

First tower, 55, Bundang-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

PLEASE CONTACT

www.hyundai-ce.com

2019. 12 Rev.8

| | | | |
|--|--|---|---|
| Net Power SAE J1349 / 174 HP (129.4 kW) at 2,000 rpm | Gross Power SAE J1995 / 183 HP (136.8 kW) at 2,000 rpm | Travel Speed 35 km/h (21.7 mph) | Operating Weight 21,200kg (46,740 lb) |
|--|--|---|---|



RULE THE GROUND

The HW Series excavators are products of HHI's spirit of initiative, creativity, and strong drive. HHI's engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HW Series reflects customers' needs in the field gleaned by thorough monitoring. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.



*Photo may include optional equipment.

RULE THE GROUND

HW210

The HW series exceeds customer's expectation!
Become a true leader on the ground with HHI's HW series.



WORK MAX, WORTH MAX

- ECO Gauge
- IPC (Intelligent Power Control)
- New Variable Power Control
- Electronic Viscous Fan Clutch
- Attachment Flow Control (Option)
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- Cycle Time Improvement



MORE RELIABLE, MORE SUSTAINABLE

- Durable Cooling Module
- Reinforced Pin, Bush, and Polymer Shim
- Reinforced Durability of Upper and Lower Structure and Attachments
- Wear Resistant Cover Plate
- Hi-grade (High-pressure) Hoses



INFOTAINMENT FRONTIER

- Intelligent and Wide Cluster
- Haptic Control
- Operating Simulation for Joy & Achievement
- Wi-Fi Direct with Smart Phone (Miracast)
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi-mate (Remote Management System) (Option)
- Swing Lock System (Option)
- Fine Swing Control (Option)



*Photo may include optional equipment.



Cycle Time Improvement

The HW Series provides higher productivity on the site by faster operation: it loads trucks up to 15% faster and levels up to 12% faster than the 9 Series.

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

The HW Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.



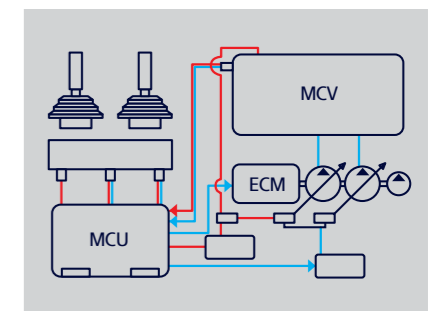
ECO Gauge

Eco Gauge enable economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed are displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



IPC (Intelligent Power Control)

The IPC controls Power depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.



New Variable Power Control

The HW Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage Power mode ensures the highest performance in any operating environment.

- * P(power) mode: Maximizes speed and power of the equipment for heavy load work.
- * S(standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work.
- * E(economy) mode: Improves the control system for light load work.



Attachment Flow Control (Option)

The HW Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.



New Cooling System with Increased Air Flow

With the three-floor stacked cooling module improving air inflow, the HW Series provides excellent cooling performance by increasing heat dissipation and can be easily cleaned.

Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature of the working vehicle, and minimizes fuel consumption. It is also possible to shorten the warm up time of hydraulic oil.

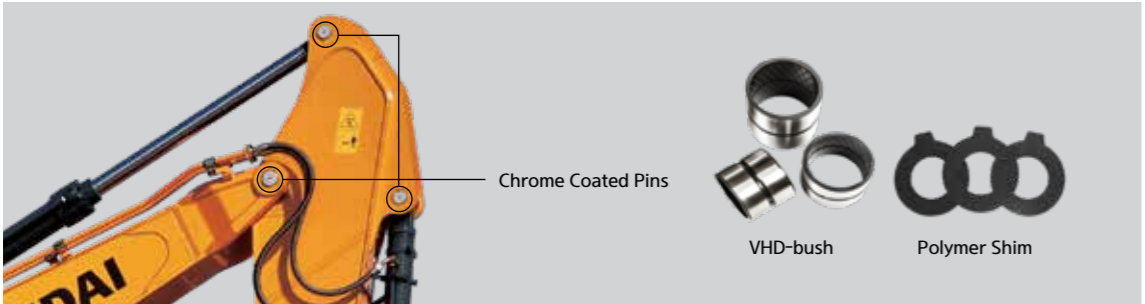
Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of the HW Series lies in its durability. The robust upper and lower frame structure that can endure external shock and high-load work and the attachments whose performance was proven by rigorous tests further show the real value of the HW Series in tough working environments and promise higher productivity.



Reinforced Pin, Bush, and Polymer Shim

The HW series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.



Durable Cooling Module

The HW Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.



Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Reduction of vibration of the buckets enables more stable operation even in high-load work.



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HW Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.



*Photo may include optional equipment.



Hi-grade (High-pressure) Hoses

The HW Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.



*Photo may include optional equipment.

New Air Conditioning System

With further improved air conditioning and heating, the HW Series increases the APTC capacity by 15% to provide a pleasant environment for operators all the time. The ventilation was designed such that warm and cool air even reach operators' faces (increasing their work satisfaction) or allowing pleasant working environment.

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

Many electronic functions are concentrated on the most convenient spot for operators to ensure work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology, enables both productivity and pleasant work at the same time! The HW Series of HHI provides higher value and pleasure to customers.



Intelligent and Wide Cluster

The 8-inch capacitive-type display (like smartphone display) of the HW Series is 15% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner, heater interoperation, wiper, lamp, overload warning, travel, alarm and inclination sensor also maximize operator's convenience.



Haptic Control

The integrated jog shuttle-type haptic controller applies to the accelerator, remote air conditioner controller, and operate cluster, allowing convenient operation. In the event of failure of the haptic switch, the emergency mode is activated on the cluster to ensure fail-safe function.



New Audio System

Radio player, USB-based MP3 player, integrated Bluetooth hands-free feature, and built-in microphone allow convenient phone calls while in work and in transit. The radio player was moved to the right side from the rear, allowing easier access.

Wi-Fi Direct with Smart Phone (Miracast)

The Miracast system based on Wi-Fi of the operator's smart phone enables easy and convenient use of various features of the smart phone on the big screen including navigation, web surfing, viewing of videos, and listening to music. (For Android mobile phone now)



Proportional Auxiliary Hydraulic System

- Opt: Proportional control switch for better speed control
- Enlarge the operation convenience

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HW Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



AAVM (Advanced Around View Monitoring) Camera System (Option)

The HW Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear and to the right and left.



*AVM (Around View Monitoring): Secure field of vision in all directions by nine views including 3D bird's eye view and 2D/4CH view.

*IMOD (Intelligent Moving Object Detection): Inform when people or dangerous objects are detected within the range of operation (recognition distance: 5 m).



Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed inside the tool box and its inlet is remotely located for easy access and convenient supply. Warning of overfill is given by a red lamp signal. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



Hi-MATE (Remote Management System) (Option)

Hi-MATE, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi-MATE saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

* Operation of the system may be affected by the condition of telecommunication signal



*Photo may include optional equipment.

Swing Lock System (Option)

Swing Lock System is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Fine Swing Control (Option)

Fine swing control is available for customer's convenience when users want to control fine swing.

SPECIFICATIONS

| ENGINE | | | |
|----------------------------|-----|---|-----------------------------|
| Maker / Model | | Cummins QSB6.7 | |
| Type | | Water-cooled, 4-cycle diesel, 6-cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission | |
| Rated flywheel horse power | SAE | J1995 (gross) | 183 HP (136kW) at 2,000 rpm |
| | | J1349 (net) | 174 HP (130kW) at 2,000 rpm |
| | DIN | 6271/1 (gross) | 186 PS (136kW) at 2,000 rpm |
| | | 6271/1 (net) | 176 PS (130kW) at 2,000 rpm |
| Max. torque | | 85.7 kgf · m (620 lbf · ft) / 1500 rpm | |
| Bore × stroke | | 107 × 124 mm (4.2" × 4.9") | |
| Piston displacement | | 6700 cc (409cu in) | |
| Batteries | | 2 × 12 V × 100 Ah | |
| Starting motor | | Denso 24 V-4.8 kW | |
| Alternator | | Denso 24 V-95 A | |

| HYDRAULIC SYSTEM | |
|----------------------------|--|
| MAIN PUMP | |
| Type | Variable displacement tandem axis piston pumps |
| Max. flow | 2 X 234 ℓ /min |
| Sub-pump for pilot circuit | Gear pump |

Cross-sensing and fuel saving pump system

| HYDRAULIC MOTORS | |
|---------------------------------|--|
| Travel | Two speed axial pistons motor with brake valve and parking brake |
| Swing | Axial piston motor with automatic brake |
| RELIEF VALVE SETTING | |
| Implement circuits | 350 kgf/cm ² (4,980 psi) |
| Travel | 380 kgf/cm ² (5,400 psi) |
| Power boost (boom, arm, bucket) | 380 kgf/cm ² (5,400 psi) |
| Swing circuit | 265 kgf/cm ² (3,770 psi) |
| Pilot circuit | 40 kgf/cm ² (570 psi) |
| Service valve | Installed |

| HYDRAULIC CYLINDERS | |
|-------------------------------|--|
| No. of cylinder bore X stroke | Boom: Ø120×1,290 mm |
| | Arm: Ø140×1,510 mm |
| | Bucket: Ø120×1,055 mm |
| | Dozer Blade: Ø125×222 mm |
| | Outrigger: Ø130×427 mm |
| | 2Pcs Boom 1st: Ø120×1,010 mm 2nd: Ø170×754 mm |

* Hyundai Bio Hydraulic Oil (HBHO) available

| DRIVES & BRAKES | |
|--------------------------------|--|
| Drive method | Fully hydrostatic type |
| Drive motor | Axial piston motor, in-shoe design |
| Reduction system | Planetary reduction gear |
| Max. drawbar pull | 11,600 kgf (25,570 lbf) |
| Max. travel speed (high / low) | 35 km/h (21.7 mph) / 9.1 km/h (5.65 mph) |
| Gradeability | 33° (65%) |

Service Brake :
- Independent dual brake, front and rear axle full hydraulic power brake.
- Spring released and hydraulic applied wet type multiple disc brake.
Parking Brake :
- Spring applied and hydraulic released wet disc brake type in transmission.

| CONTROL | |
|---|--|
| Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation. | |
| Pilot control | Two joysticks with one safety lever (LH): Swing and arm, Boom and bucket |
| Traveling and steering | Two levers with pedals |
| Engine throttle | Electric, Dial type |

| AXLE & WHEEL | |
|---|--------------------------------|
| Full floating front axle is supported by center pin for ocillation. It can be locked by ocillation lock cylinders. Rear axle is fixed on the lower chassis. | |
| Tires | 10.00-20-14PR, Dual(tube type) |
| (Optional) | 10.00-20, Dual(solid type) |
| | 10.00-20-16PR, Dual(tube type) |

| STEERING SYSTEM | |
|---|---------------------------------------|
| Hydraulically actuated, orbitrol type steering system actuates on front wheels through the steering cylinder. | |
| Min. turning radius | 6,690 mm (21' 11") |
| SWING SYSTEM | |
| Swing motor | Fixed displacement axial piston motor |
| Swing reduction | Planetary gear reduction |
| Swing bearing lubrication | Grease-bathed |
| Swing brake | Multi wet disc |
| Swing speed | 9.7 rpm |

| SERVICE REFILL CAPACITIES | | | |
|-----------------------------------|-------|--------|--------|
| Re-filling | liter | US gal | UK gal |
| Fuel tank | 310.0 | 81.9 | 68.2 |
| Engine coolant | 40 | 10.6 | 8.8 |
| Engine oil | 23.7 | 6.3 | 5.2 |
| Swing device | 6.2 | 1.64 | 1.36 |
| Axle | Front | 14.6 | 3.9 |
| | Rear | 18.5 | 4.9 |
| Transmission | 2.5 | 0.7 | 0.5 |
| Hydraulic system (including tank) | 340.0 | 89.8 | 74.8 |
| Hydraulic tank | 165.0 | 43.6 | 36.3 |
| DEF/AdBlue® | 27 | 7.1 | 5.9 |

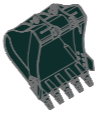
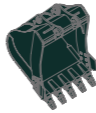
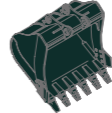
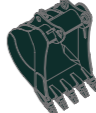
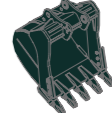
| UNDERCARRIAGE | |
|--|---|
| Reinforced box-section frame is all-welded, low-stress. Dozer blade and outriggers are available. A pin-on design. | |
| Dozer blade | A very useful addition for leveling and back filling or clean-up work. |
| Outrigger | Indicated for max. operation stability when digging and lifting. Can be mounted on the front/or the rear. |

| OPERATING WEIGHT (APPROXIMATE) | |
|--|--|
| Operating weight, including 5,650mm (18' 6") boom, 2,920mm (9' 7") arm, SAE heaped 0.80m³ (1.05yd³) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment. | |

| OPERATING WEIGHT | |
|--------------------------------|----------------------|
| Front outrigger and rear blade | 21,200kg (46,740 lb) |
| Front and rear outrigger | 21,300kg (46,960 lb) |
| Front blade and rear outrigger | 21,300kg (46,960 lb) |
| Rear dozer blade | 20,300kg (44,754 lb) |

| AIR CONDITIONING SYSTEM | |
|--|--|
| The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430) The system hold 0.65kg refrigerant consisting of a CO ₂ equivalent 0.93kg metric tonne. For more information, Please refer to the manual. | |

BUCKET SELECTION GUIDE & DIGGING FORCE

| BUCKETS | | | | | |
|---------------------|---|---|---|---|---|
| SAE heaped m³ (yd³) |  |  |  |  |  |
| | 0.80 (1.05) | 1.10 (1.44) | 1.34 (1.75) | ◆ 0.90 (1.18) | ◆ 0.87 (1.14) |
| | 0.87 (1.14) | 1.20 (1.57) | | ◆ 1.05 (1.37) | |
| | 0.92 (1.20) | | | | |

| Capacity m³ (yd³) | | Width mm (in) | | Weight kg (lb) | Recommendation mm (ft.in) | | | | | |
|-------------------|-------------|----------------------|-------------------|----------------|---------------------------|--------------------|-------------------|-----------------------------|--------------------|-------------------|
| | | | | | 5,650 (18' 6") Mono Boom | | | 5,390 (18' 6") 2-Piece Boom | | |
| SAE heaped | CECE heaped | Without side cutters | With side cutters | | 2,000 (6' 7") Arm | 2,400 (7' 10") Arm | 2,920 (9' 7") Arm | 2,000 (6' 7") Arm | 2,400 (7' 10") Arm | 2,920 (9' 7") Arm |
| 0.80 (1.05) | 0.70 (0.92) | 1,070(42.1) | 1,160(45.7) | 770(1,700) | ● | ● | ● | ● | ● | ● |
| 0.87 (1.14) | 0.76 (0.99) | 1,140(44.9) | 1,230(48.4) | 800(1,760) | ● | ● | ● | ● | ● | ■ |
| 0.92 (1.20) | 0.80 (1.05) | 1,190(46.9) | 1,280(50.4) | 820(1,810) | ● | ● | ■ | ● | ● | ■ |
| 1.10 (1.44) | 0.96 (1.26) | 1,375(54.1) | 1,465(57.7) | 890(1,960) | ● | ■ | ▲ | ■ | ■ | ▲ |
| 1.20 (1.57) | 1.05 (1.37) | 1,390(54.7) | 1,480(58.3) | 920(2,030) | ● | ■ | - | ■ | ▲ | - |
| 1.34 (1.75) | 1.17 (1.53) | 1,525(60.0) | 1,615(63.6) | 990(2,180) | ■ | ▲ | - | ▲ | - | - |
| ◆ 0.90 (1.18) | 0.79 (1.03) | 1,210(47.6) | - | 880(1,940) | ● | ● | ■ | ● | ● | ■ |
| ◆ 1.05 (1.37) | 0.92 (1.20) | 1,355(53.3) | - | 940(2,070) | ● | ■ | ▲ | ■ | ■ | ▲ |
| ◆ 0.87 (1.14) | 0.77 (1.01) | 1,195(47.0) | - | 940(2,070) | ● | ● | ■ | ● | ● | ■ |

◆ Heavy duty bucket
◆ Rock-Heavy duty bucket
● : Applicable for materials with density of 2,000 kgf/m³ (3,370 lbf/yd³) or less
■ : Applicable for materials with density of 1,600 kgf/m³ (2,700 lbf/yd³) or less
▲ : Applicable for materials with density of 1,100 kgf/m³ (1,850 lbf/yd³) or less

| ATTACHMENT | |
|--|--|
| Booms and arms are welded with a low-stress, full-box section design. 5.65m (18' 6"), 5.39m (17' 8") 2-Piece booms and 2.0m (6' 7"), 2.4m (7' 10"), 2.92m (9' 7") arms. | |

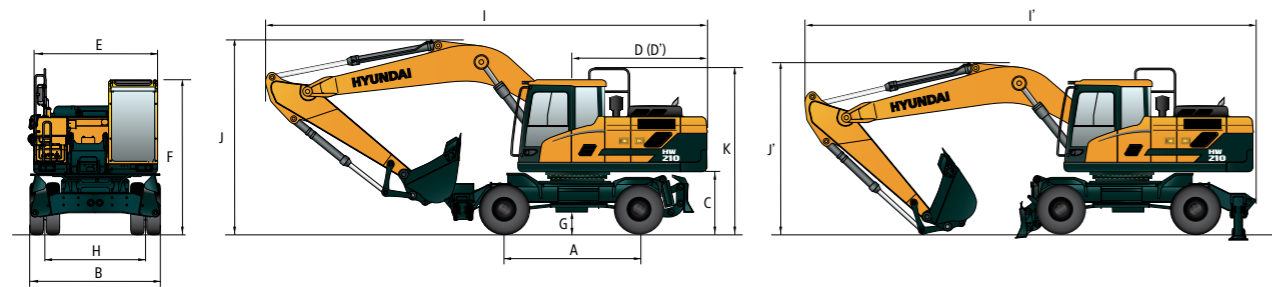
| DIGGING FORCE | | | | | | |
|----------------------|--------|------------|---------------|----------------|---------------|-------------------|
| Arm | Length | mm (ft.in) | 2,000 (6' 7") | 2,400 (7' 10") | 2,920 (9' 7") | Remark |
| | Weight | kg (lb) | 975 (2,150) | 1,045 (2,300) | 1,095 (2,410) | |
| Bucket digging force | SAE | kN | 133.4 [144.8] | 133.4 [144.8] | 133.4 [144.8] | [] : Power Boost |
| | | kgf | 13600 [14770] | 13600 [14770] | 13600 [14770] | |
| | | lbf | 29980 [32550] | 29980 [32550] | 29980 [32550] | |
| | ISO | kN | 152.0 [165.0] | 152.0 [165.0] | 152.0 [165.0] | |
| | | kgf | 15500 [16830] | 15500 [16830] | 15500 [16830] | |
| | | lbf | 34170 [37100] | 34170 [37100] | 34170 [37100] | |
| Arm crowd force | SAE | kN | 144.2 [156.5] | 119.6 [129.9] | 102.0 [110.7] | |
| | | kgf | 14700 [15960] | 12200 [13250] | 10400 [11290] | |
| | | lbf | 32410 [35190] | 26900 [29210] | 22930 [24900] | |
| | ISO | kN | 151.0 [164.0] | 125.5 [136.3] | 106.9 [116.1] | |
| | | kgf | 15400 [16720] | 12800 [13900] | 10900 [11830] | |
| | | lbf | 33950 [36860] | 28220 [30640] | 24030 [26090] | |

Note : Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HW210 MONO BOOM DIMENSIONS

5.65 m (18' 6") Mono boom, 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm, Front outrigger and rear dozer blade.



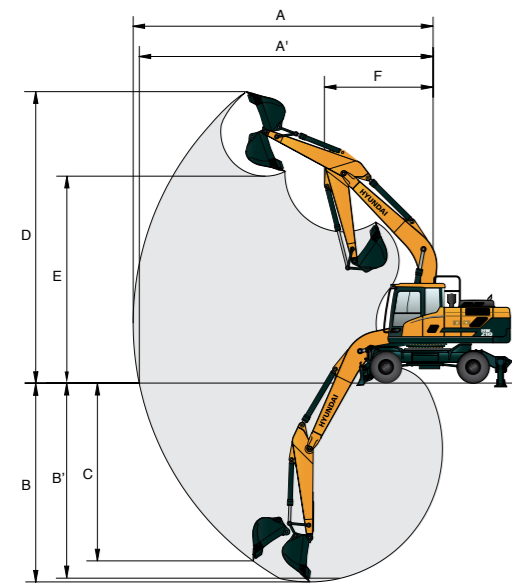
Unit : mm (ft · in)

| | | |
|----|--|-----------------------------------|
| A | Wheel base | 2,800 (9' 2") |
| B | Overall width (STD / Wide axle) | 2,530 (8' 4") / 2,700 (8' 10") |
| C | Ground clearance of counterweight | 1,295 (4' 3") |
| D | Rear-end distance | 2,770 (9' 1") |
| D' | Rear-end swing radius | 2,850 (9' 4") |
| E | Upperstructure width | 2,530 (8' 4") |
| F | Overall height of cab | 3,240 (10' 8") |
| G | Ground to Mission cover | 353 (1' 2") |
| H | Tread | 1,914 (6' 3") |
| K | Overall height of guardrail / Separable type guardrail | 3,434 (11' 3") 3,340 (10' 11") |

| | | | | |
|-------------|--|--------------------|--------------------|-------------------|
| Boom length | | 5,650 (18' 6") | | |
| Arm length | | 2,000 (6' 7") | 2,400 (7' 10") | 2,920 (9' 7") |
| I | Overall length (Traveling position) | 9,590 (31' 8") | 9,540 (31' 5") | 9,380 (30' 9") |
| I' | Overall length (Shipping position) | 9,680 (31' 9") | 9,570 (31' 5") | 9,500 (31' 2") |
| J | Overall height of boom (Traveling position) | 3,720 (12' 2") | 3,650 (11' 12") | 4,020 (13' 2") |
| J' | Overall height of boom (Shipping position) | 3,350 (10' 12") | 3,240 (10' 8") | 3,150 (10' 4") |

HW210 MONO BOOM WORKING RANGE

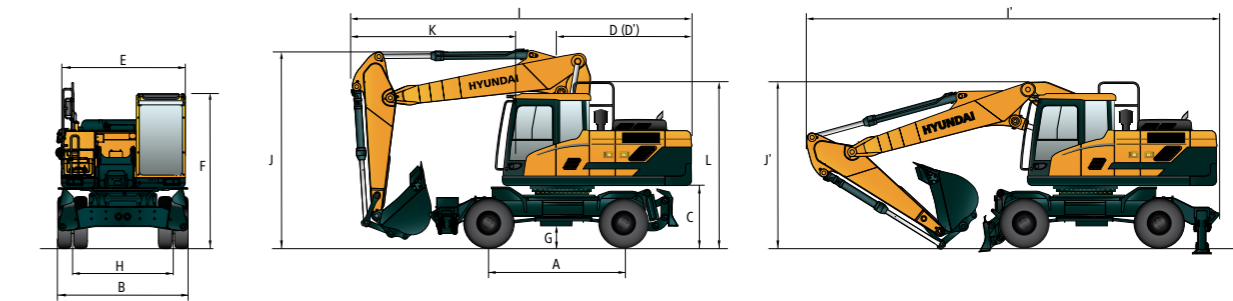
Unit : mm (ft · in)



| | | | | |
|-------------|----------------------------------|--------------------|--------------------|---------------------|
| Boom length | | 5,650 (18' 6") | | |
| Arm length | | 2,000 (6' 7") | 2,400 (7' 10") | 2,920 (9' 7") |
| A | Max. digging reach | 9,110 (29' 11") | 9,480 (31' 1") | 9,960 (32' 8") |
| A' | Max. digging reach on ground | 8,870 (29' 1") | 9,260 (30' 5") | 9,750 (32' 0") |
| B | Max. digging depth | 5,480 (18' 0") | 5,880 (19' 3") | 6,380 (20' 11") |
| B' | Max. digging depth (8' level) | 5,240 (17' 2") | 5,670 (18' 7") | 6,210 (20' 4") |
| C | Max. vertical wall digging depth | 4,970 (16' 4") | 5,470 (17' 11") | 5810 (19' 1") |
| D | Max. digging height | 9,500 (31' 2") | 9,730 (31' 11") | 10,000 (32' 10") |
| E | Max. dumping height | 6,670 (21' 11") | 6,900 (22' 8") | 7,160 (23' 6") |
| F | Min. swing radius | 3,700 (12' 2") | 3,620 (11' 11") | 3,580 (11' 9") |

HW210 2-PIECE BOOM DIMENSIONS

5.39 m (17' 8") 2-Piece Boom, 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm, Front outrigger and rear dozer blade.



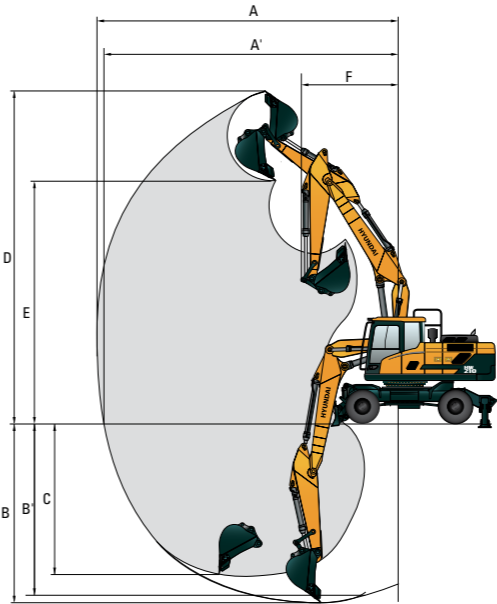
Unit : mm (ft · in)

| | | |
|----|--|-----------------------------------|
| A | Wheel base | 2,800 (9' 2") |
| B | Overall width (STD / Wide axle) | 2,530 (8' 4") / 2,700 (8' 10") |
| C | Ground clearance of counterweight | 1,295 (4' 3") |
| D | Rear-end distance | 2,770 (9' 1") |
| D' | Rear-end swing radius | 2,850 (9' 4") |
| E | Upperstructure width | 2,530 (8' 4") |
| F | Overall height of cab | 3,240 (10' 8") |
| G | Ground to Mission cover | 353 (1' 2") |
| H | Tread | 1,914 (6' 3") |
| L | Overall height of guardrail / Separable type guardrail | 3,434 (11' 3") 3,340 (10' 11") |

| | | | | |
|-------------|--|--------------------|-------------------|------------------------------------|
| Boom length | | 5,390 (17' 8") | | |
| Arm length | | 2,000 (6' 7") | 2,400 (7' 10") | 2,920 (9' 7") |
| I | Overall length (Traveling position) | 7,180 (23' 7") | 7,130 (23' 5") | 7,090 (23' 3") (Bucket less) |
| I' | Overall length (Shipping position) | 9,420 (30' 11") | 9,350 (30' 8") | 9,310 (30' 7") |
| J | Overall height of boom (Traveling position) | 4,000 (13' 1") | 4,000 (13' 1") | 4,000 (13' 1") (Bucket less) |
| J' | Overall height of boom (Shipping position) | 3,090 (10' 2") | 3,050 (10' 0") | 3,040 (9' 12") |
| K | End of attachment to steering wheel | 3,500 (11' 6") | 3,500 (11' 6") | 3,500 (11' 6") |

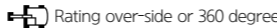
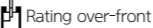
HW210 2-PIECE BOOM WORKING RANGE

Unit : mm (ft · in)













| | | | | |
|-------------|----------------------------------|-------------------|--------------------|---------------------|
| Boom length | | 5,390 (17' 8") | | |
| Arm length | | 2,000 (6' 7") | 2,400 (7' 10") | 2,920 (9' 7") |
| A | Max. digging reach | 8,890 (29' 2") | 9,290 (30' 6") | 9,800 (32' 2") |
| A' | Max. digging reach on ground | 8,670 (28' 5") | 9,080 (29' 9") | 9,600 (31' 6") |
| B | Max. digging depth | 5,250 (17' 3") | 5,630 (18' 6") | 6,150 (20' 2") |
| B' | Max. digging depth (8' level) | 5,090 (16' 8") | 5,500 (18' 1") | 6,030 (19' 9") |
| C | Max. vertical wall digging depth | 4,330 (14' 2") | 4,800 (15' 9") | 5,330 (17' 6") |
| D | Max. digging height | 9,930 (32' 7") | 10,270 (33' 8") | 10,650 (34' 11") |
| E | Max. dumping height | 7,020 (23' 0") | 7,350 (24' 1") | 7,730 (25' 4") |
| F | Min. swing radius | 3,260 (10' 8") | 2,970 (9' 9") | 2,760 (9' 1") |

LIFTING CAPACITY













HW210

5.65 m (18' 6") Mono boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket and 4 outrigger down.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----------|---|---|---|---|---|---|---|---|---|---|----------------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg lb | | | | | | | | | *5650 *12460 | *5650 *12460 | 5.23 (17.2) |
| 6.0 m (20 ft) | kg lb | | | | | *5460 *12040 | *5460 *12040 | | | *5530 *12190 | *5530 *12190 | 6.48 (21.2) |
| 4.5 m (15 ft) | kg lb | | | *7110 *15670 | *7110 *15670 | *5900 *13010 | *5900 *13010 | | | *5600 *12350 | 4760 10490 | 7.20 (23.6) |
| 3.0 m (10 ft) | kg lb | | | *8930 *19690 | *8930 *19690 | *6660 *14680 | 6150 13560 | *5770 *12720 | 4380 9660 | *5750 *12680 | 4330 9550 | 7.55 (24.8) |
| 1.5 m (5 ft) | kg lb | | | | | *7360 *16230 | 5940 13100 | *6030 *13290 | 4300 9480 | *5980 *13180 | 4220 9300 | 7.60 (24.9) |
| Ground Line | kg lb | | | *10550 *23260 | 9080 20020 | *7730 *17040 | 5840 12870 | | | *6250 *13780 | 4400 9700 | 7.33 (24.1) |
| -1.5 m (-5 ft) | kg lb | *13200 *29100 | *13200 *29100 | *10180 *22440 | 9120 20110 | *7570 *16690 | 5840 12870 | | | *6550 *14440 | 4990 11000 | 6.72 (22.1) |
| -3.0 m (-10 ft) | kg lb | *12140 *26760 | *12140 *26760 | *8910 *19640 | *8910 *19640 | | | | | *6790 *14970 | 6550 14440 | 5.66 (18.6) |

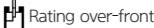
5.65 m (18' 6") Mono boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket and 4 outrigger up.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg | | | | | | | | | *5650 | 5010 | 5.23 |
| | lb | | | | | | | | | *12460 | 11050 | (17.2) |
| 6.0 m (20 ft) | kg | | | | | *5460 | 4000 | | | 5410 | 3500 | 6.48 |
| | lb | | | | | *12040 | 8820 | | | 11930 | 7720 | (21.2) |
| 4.5 m (15 ft) | kg | | | *7110 | 5920 | *5900 | 3860 | | | 4490 | 2880 | 7.20 |
| | lb | | | *15670 | 13050 | *13010 | 8510 | | | 9900 | 6350 | (23.6) |
| 3.0 m (10 ft) | kg | | | 8890 | 5410 | 5770 | 3650 | 4130 | 2620 | 4090 | 2590 | 7.55 |
| | lb | | | 19600 | 11930 | 12720 | 8050 | 9110 | 5780 | 9020 | 5710 | (24.8) |
| 1.5 m (5 ft) | kg | | | | | 5570 | 3470 | 4060 | 2550 | 3980 | 2500 | 7.60 |
| | lb | | | | | 12280 | 7650 | 8950 | 5620 | 8770 | 5510 | (24.9) |
| Ground Line | kg | | | 8390 | 4980 | 5470 | 3370 | | | 4150 | 2600 | 7.33 |
| | lb | | | 18500 | 10980 | 12060 | 7430 | | | 9150 | 5730 | (24.1) |
| -1.5 m (-5 ft) | kg | *13200 | 9540 | 8430 | 5010 | 5480 | 3380 | | | 4700 | 2930 | 6.72 |
| | lb | *29100 | 21030 | 18580 | 11050 | 12080 | 7450 | | | 10360 | 6460 | (22.1) |
| -3.0 m (-10 ft) | kg | *12140 | 9750 | 8610 | 5170 | | | | | 6140 | 3810 | 5.66 |
| | lb | *26760 | 21500 | 18980 | 11400 | | | | | 13540 | 8400 | (18.6) |

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.











4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY













HW210

5.65 m (18' 6") Mono boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg | | | | | | | | | *4790 | *4790 | 5.80 |
| | lb | | | | | | | | | *10560 | *10560 | (19.0) |
| 6.0 m (20 ft) | kg | | | | | *5030 | *5030 | | | *4390 | 4280 | 6.94 |
| | lb | | | | | *11090 | *11090 | | | *9680 | 9440 | (22.8) |
| 4.5 m (15 ft) | kg | | | *6560 | *6560 | *5540 | 5320 | *5210 | 3710 | *4300 | 3620 | 7.62 |
| | lb | | | *14460 | *14460 | *12210 | 11730 | *11490 | 8180 | *9480 | 7980 | (25.0) |
| 3.0 m (10 ft) | kg | | | *8400 | 7820 | *6350 | 5080 | *5490 | 3630 | *4410 | 3310 | 7.95 |
| | lb | | | *18520 | 17240 | *14000 | 11200 | *12100 | 8000 | *9720 | 7300 | (26.1) |
| 1.5 m (5 ft) | kg | | | *9870 | 7380 | *7140 | 4860 | *5850 | 3530 | *4710 | 3220 | 7.99 |
| | lb | | | *21760 | 16270 | *15740 | 10710 | *12900 | 7780 | *10380 | 7100 | (26.2) |
| Ground Line | kg | | | *10470 | 7210 | *7620 | 4730 | *6050 | 3470 | *5290 | 3330 | 7.74 |
| | lb | | | *23080 | 15900 | *16800 | 10430 | *13340 | 7650 | *11660 | 7340 | (25.4) |
| -1.5 m (-5 ft) | kg | *12400 | *12400 | *10310 | 7200 | *7630 | 4710 | | | *6140 | 3710 | 7.17 |
| | lb | *27340 | *27340 | *22730 | 15870 | *16820 | 10380 | | | *13540 | 8180 | (23.5) |
| -3.0 m (-10 ft) | kg | *13050 | *13050 | *9330 | 7340 | *6740 | 4830 | | | *6410 | 4650 | 6.18 |
| | lb | *28770 | *28770 | *20570 | 16180 | *14860 | 10650 | | | *14130 | 10250 | (20.3) |

5.65 m (18' 6") Mono boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg | | | | | | | | | *5650 | 5050 | 5.23 |
| | lb | | | | | | | | | *12460 | 11130 | (17.2) |
| 6.0 m (20 ft) | kg | | | | | *5460 | 4030 | | | 4970 | 3530 | 6.48 |
| | lb | | | | | *12040 | 8880 | | | 10960 | 7780 | (21.2) |
| 4.5 m (15 ft) | kg | | | *7110 | 5960 | 5520 | 3890 | | | 4110 | 2900 | 7.20 |
| | lb | | | *15670 | 13140 | 12170 | 8580 | | | 9060 | 6390 | (23.6) |
| 3.0 m (10 ft) | kg | | | 8150 | 5450 | 5280 | 3670 | 3770 | 2640 | 3730 | 2610 | 7.55 |
| | lb | | | 17970 | 12020 | 11640 | 8090 | 8310 | 5820 | 8220 | 5750 | (24.8) |
| 1.5 m (5 ft) | kg | | | | | 5090 | 3490 | 3690 | 2570 | 3620 | 2530 | 7.60 |
| | lb | | | | | 11220 | 7690 | 8140 | 5670 | 7980 | 5580 | (24.9) |
| Ground Line | kg | | | 7650 | 5020 | 4980 | 3400 | | | 3770 | 2620 | 7.33 |
| | lb | | | 16870 | 11070 | 10980 | 7500 | | | 8310 | 5780 | (24.1) |
| -1.5 m (-5 ft) | kg | *13200 | 9610 | 7690 | 5050 | 4990 | 3410 | | | 4280 | 2960 | 6.72 |
| | lb | *29100 | 21190 | 16950 | 11130 | 11000 | 7520 | | | 9440 | 6530 | (22.1) |
| -3.0 m (-10 ft) | kg | *12140 | 9820 | 7870 | 5210 | | | | | 5610 | 3840 | 5.66 |
| | lb | *26760 | 21650 | 17350 | 11490 | | | | | 12370 | 8470 | (18.8) |

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

4. (*) indicates load limited by hydraulic capacity.













LIFTING CAPACITY

 Rating over-front













 Rating over-side or 360 degree

HW210

5.65 m (18' 6") Mono boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outtrigger down.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----------|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg lb | | | | | | | | | | | *4790 *10560 | *4790 *10560 | 5.80 (19.0) |
| 6.0 m (20 ft) | kg lb | | | | | | | *5030 *11090 | *5030 *11090 | | | *4390 *9680 | *4390 *9680 | 6.94 (22.8) |
| 4.5 m (15 ft) | kg lb | | | | | *6560 *14460 | *6560 *14460 | *5540 *12210 | *5540 *12210 | *5210 *11490 | 4470 9850 | *4300 *9480 | *4300 *9480 | 7.62 (25.0) |
| 3.0 m (10 ft) | kg lb | | | | | *8400 *18520 | *8400 *18520 | *6350 *14000 | 6170 13600 | *5490 *12100 | 4380 9660 | *4410 *9720 | 3990 8800 | 7.95 (26.1) |
| 1.5 m (5 ft) | kg lb | | | | | *9870 *21760 | 9240 20370 | *7140 *15740 | 5940 13100 | *5850 *12900 | 4280 9440 | *4710 *10380 | 3890 8580 | 7.99 (26.2) |
| Ground Line | kg lb | | | | | *10470 *23080 | 9050 19950 | *7620 *16800 | 5800 12790 | *6050 *13340 | 4220 9300 | *5290 *11660 | 4040 8910 | 7.74 (25.4) |
| -1.5 m (-5 ft) | kg lb | | | *12400 *27340 | *12400 *27340 | *10310 *22730 | 9040 19930 | *7630 *16820 | 5780 12740 | | | *6140 *13540 | 4510 9940 | 7.17 (23.5) |
| -3.0 m (-10 ft) | kg lb | | | *13050 *28770 | *13050 *28770 | *9330 *20570 | 9190 20260 | *6740 *14860 | 5900 13010 | | | *6410 *14130 | 5670 12500 | 6.18 (20.3) |
| -4.5 m (-15 ft) | kg lb | | | | | | | | | | | | | |

5.65 m (18' 6") Mono boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outtrigger up.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m | kg | | | | | | | | | | | *4790 | 4270 | 5.80 |
| (25 ft) | lb | | | | | | | | | | | *10560 | 9410 | (19.0) |
| 6.0 m | kg | | | | | | | *5030 | 4040 | | | *4390 | 3140 | 6.94 |
| (20 ft) | lb | | | | | | | *11090 | 8910 | | | *9680 | 6920 | (22.8) |
| 4.5 m | kg | | | | | *6560 | 6020 | *5540 | 3880 | 4220 | 2700 | 4110 | 2620 | 7.62 |
| (15 ft) | lb | | | | | *14460 | 13270 | *12210 | 8550 | 9300 | 5950 | 9060 | 5780 | (25.0) |
| 3.0 m | kg | | | | | *8400 | 5490 | 5790 | 3660 | 4130 | 2620 | 3770 | 2380 | 7.95 |
| (10 ft) | lb | | | | | *18520 | 12100 | 12760 | 8070 | 9110 | 5780 | 8310 | 5250 | (26.1) |
| 1.5 m | kg | | | | | 8540 | 5100 | 5570 | 3460 | 4030 | 2530 | 3680 | 2300 | 7.99 |
| (5 ft) | lb | | | | | 18830 | 11240 | 12280 | 7630 | 8880 | 5580 | 8110 | 5070 | (26.2) |
| Ground | kg | | | | | 8360 | 4940 | 5440 | 3340 | 3980 | 2470 | 3810 | 2370 | 7.74 |
| Line | lb | | | | | 18430 | 10890 | 11990 | 7360 | 8770 | 5450 | 8400 | 5220 | (25.4) |
| -1.5 m | kg | | | *12400 | 9340 | 8350 | 4940 | 5410 | 3320 | | | 4250 | 2640 | 7.17 |
| (-5 ft) | lb | | | *27340 | 20590 | 18410 | 10890 | 11930 | 7320 | | | 9370 | 5820 | (23.5) |
| -3.0 m | kg | | | *13050 | 9560 | 8490 | 5060 | 5530 | 3420 | | | 5320 | 3310 | 6.18 |
| (-10 ft) | lb | | | *28770 | 21080 | 18720 | 11160 | 12190 | 7540 | | | 11730 | 7300 | (20.3) |
| -4.5 m | kg | | | | | | | | | | | | | |
| (-15 ft) | lb | | | | | | | | | | | | | |













1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.











4. (*) indicates load limited by hydraulic capacity.

 Rating over-front

 Rating over-side or 360 degree

| HW210 | | | | | | | | | | | | | | |
|---|----------|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| 5.65 m (18' 6") Mono boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down. | | | | | | | | | | | | | | |
| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg lb | | | | | | | | | | | *4790 *10560 | *4790 *10560 | 5.80 (19.0) |
| 6.0 m (20 ft) | kg lb | | | | | | | *5030 *11090 | *5030 *11090 | | | *4390 *9680 | 4280 9440 | 6.94 (22.8) |
| 4.5 m (15 ft) | kg lb | | | | | *6560 *14460 | *6560 *14460 | *5540 *12210 | 5320 11730 | *5210 *11490 | 3710 8180 | *4300 *9480 | 3620 7980 | 7.62 (25.0) |
| 3.0 m (10 ft) | kg lb | | | | | *8400 *18520 | 7820 17240 | *6350 *14000 | 5080 11200 | *5490 *12100 | 3630 8000 | *4410 *9720 | 3310 7300 | 7.95 (26.1) |
| 1.5 m (5 ft) | kg lb | | | | | *9870 *21760 | 7380 16270 | *7140 *15740 | 4860 10710 | *5850 *12900 | 3530 7780 | *4710 *10380 | 3220 7100 | 7.99 (26.2) |
| Ground Line | kg lb | | | | | *10470 *23080 | 7210 15900 | *7620 *16800 | 4730 10430 | *6050 *13340 | 3470 7650 | *5290 *11660 | 3330 7340 | 7.74 (25.4) |
| -1.5 m (-5 ft) | kg lb | | | *12400 *27340 | *12400 *27340 | *10310 *22730 | 7200 15870 | *7630 *16820 | 4710 10380 | | | *6140 *13540 | 3710 8180 | 7.17 (23.5) |
| -3.0 m (-10 ft) | kg lb | | | *13050 *28770 | *13050 *28770 | *9330 *20570 | 7340 16180 | *6740 *14860 | 4830 10650 | | | *6410 *14130 | 4650 10250 | 6.18 (20.3) |
| -4.5 m (-15 ft) | kg lb | | | | | | | | | | | | | |

5.65 m (18' 6") Mono boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.













| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----------|---|---|---|---|---|---|-----------------|--------------|---|---|---|---|----------------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  | | |  |  |  |  | m (ft) |
| 7.5 m (25 ft) | kg lb | | | | | | | | | | | *4790 *10560 | 4300 9480 | 5.80 (19.0) |
| 6.0 m (20 ft) | kg lb | | | | | | | *5030 *11090 | 4070 8970 | | | *4390 *9680 | 3160 6970 | 6.94 (22.8) |
| 4.5 m (15 ft) | kg lb | | | | | *6560 *14460 | 6060 13360 | *5540 *12210 | 3910 8620 | 3860 8510 | 2720 6000 | 3750 8270 | 2650 5840 | 7.62 (25.0) |
| 3.0 m (10 ft) | kg lb | | | | | 8250 18190 | 5530 12190 | 5310 11710 | 3690 8140 | 3770 8310 | 2640 5820 | 3430 7560 | 2400 5290 | 7.95 (26.1) |
| 1.5 m (5 ft) | kg lb | | | | | 7800 17200 | 5140 11330 | 5080 11200 | 3490 7690 | 3670 8090 | 2550 5620 | 3340 7360 | 2320 5110 | 7.99 (26.2) |
| Ground Line | kg lb | | | | | 7620 16800 | 4980 10980 | 4950 10910 | 3370 7430 | 3610 7960 | 2490 5490 | 3460 7630 | 2390 5270 | 7.74 (25.4) |
| -1.5 m (-5 ft) | kg lb | | | *12400 *27340 | 9420 20770 | 7620 16800 | 4980 10980 | 4930 10870 | 3340 7360 | | | 3860 8510 | 2660 5860 | 7.17 (23.5) |
| -3.0 m (-10 ft) | kg lb | | | *13050 *28770 | 9640 21250 | 7760 17110 | 5100 11240 | 5050 11130 | 3450 7610 | | | 4850 10690 | 3340 7360 | 6.18 (20.3) |
| -4.5 m (-15 ft) | kg lb | | | | | | | | | | | | | |

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degree

HW210

5.65 m (18' 6") Mono boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outrigger down.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m | kg | | | | | | | *4460 | *4460 | | | *3120 | *3120 | 6.46 |
| (25 ft) | lb | | | | | | | *9830 | *9830 | | | *6880 | *6880 | (21.2) |
| 6.0 m | kg | | | | | | | *4480 | *4480 | | | *2890 | *2890 | 7.50 |
| (20 ft) | lb | | | | | | | *9880 | *9880 | | | *6370 | *6370 | (24.6) |
| 4.5 m | kg | | | | | *5800 | *5800 | *5060 | *5060 | *4750 | 4490 | *2840 | *2840 | 8.13 |
| (15 ft) | lb | | | | | *12790 | *12790 | *11160 | *11160 | *10470 | 9900 | *6260 | *6260 | (26.7) |
| 3.0 m | kg | | | | | *7660 | *7660 | *5920 | *5920 | *5140 | 4380 | *2900 | *2900 | 8.44 |
| (10 ft) | lb | | | | | *16890 | *16890 | *13050 | *13050 | *11330 | 9660 | *6390 | *6390 | (27.7) |
| 1.5 m | kg | | | | | *9340 | 9290 | *6790 | 5940 | *5590 | 4250 | *3080 | *3080 | 8.48 |
| (5 ft) | lb | | | | | *20590 | 20480 | *14970 | 13100 | *12320 | 9370 | *6790 | *6790 | (27.8) |
| Ground | kg | | | *6870 | *6870 | *10240 | 9010 | *7410 | 5770 | *5910 | 4160 | *3430 | *3430 | 8.25 |
| Line | lb | | | *15150 | *15150 | *22580 | 19860 | *16340 | 12720 | *13030 | 9170 | *7560 | *7560 | (27.1) |
| -1.5 m | kg | *7420 | *7420 | *11520 | *11520 | *10360 | 8940 | *7600 | 5700 | *5900 | 4150 | *4050 | 4000 | 7.71 |
| (-5 ft) | lb | *16360 | *16360 | *25400 | *25400 | *22840 | 19710 | *16760 | 12570 | *13010 | 9150 | *8930 | 8820 | (25.3) |
| -3.0 m | kg | *12140 | *12140 | *14010 | *14010 | *9720 | 9040 | *7150 | 5760 | | | *5340 | 4840 | 6.80 |
| (-10 ft) | lb | *26760 | *26760 | *30890 | *30890 | *21430 | 19930 | *15760 | 12700 | | | *11770 | 10670 | (22.3) |
| -4.5 m | kg | | | *11130 | *11130 | *7790 | *7790 | | | | | *6160 | *6160 | 5.33 |
| (-15 ft) | lb | | | *24540 | *24540 | *17170 | *17170 | | | | | *13580 | *13580 | (17.5) |

5.65 m (18' 6") Mono boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outrigger up.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m | kg | | | | | | | *4460 | 4130 | | | *3120 | *3120 | 6.46 |
| (25 ft) | lb | | | | | | | *9830 | 9110 | | | *6880 | *6880 | (21.2) |
| 6.0 m | kg | | | | | | | *4480 | 4100 | | | *2890 | 2760 | 7.50 |
| (20 ft) | lb | | | | | | | *9880 | 9040 | | | *6370 | 6080 | (24.6) |
| 4.5 m | kg | | | | | *5800 | *5800 | *5060 | 3920 | 4250 | 2720 | *2840 | 2340 | 8.13 |
| (15 ft) | lb | | | | | *12790 | *12790 | *11160 | 8640 | 9370 | 6000 | *6260 | 5160 | (26.7) |
| 3.0 m | kg | | | | | *7660 | 5600 | 5820 | 3680 | 4130 | 2610 | *2900 | 2140 | 8.44 |
| (10 ft) | lb | | | | | *16890 | 12350 | 12830 | 8110 | 9110 | 5750 | *6390 | 4720 | (27.7) |
| 1.5 m | kg | | | | | 8590 | 5130 | 5570 | 3450 | 4010 | 2500 | *3080 | 2060 | 8.48 |
| (5 ft) | lb | | | | | 18940 | 11310 | 12280 | 7610 | 8840 | 5510 | *6790 | 4540 | (27.8) |
| Ground | kg | | | *6870 | *6870 | 8320 | 4900 | 5400 | 3290 | 3920 | 2410 | *3430 | 2110 | 8.25 |
| Line | lb | | | *15150 | *15150 | 18340 | 10800 | 11900 | 7250 | 8640 | 5310 | *7560 | 4650 | (27.1) |
| -1.5 m | kg | *7420 | *7420 | *11520 | 9120 | 8250 | 4840 | 5340 | 3240 | 3910 | 2400 | 3770 | 2320 | 7.71 |
| (-5 ft) | lb | *16360 | *16360 | *25400 | 20110 | 18190 | 10670 | 11770 | 7140 | 8620 | 5290 | 8310 | 5110 | (25.3) |
| -3.0 m | kg | *12140 | *12140 | *14010 | 9320 | 8340 | 4920 | 5390 | 3290 | | | 4550 | 2810 | 6.80 |
| (-10 ft) | lb | *26760 | *26760 | *30890 | 20550 | 18390 | 10850 | 11880 | 7250 | | | 10030 | 6190 | (22.3) |
| -4.5 m | kg | | | *11130 | 9710 | *7790 | 5160 | | | | | *6160 | 4110 | 5.33 |
| (-15 ft) | lb | | | *24540 | 21410 | *17170 | 11380 | | | | | *13580 | 9060 | (17.5) |

1. Lifting capacity are based on ISO 10567.






2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.






 Rating over-front  Rating over-side or 360 degree

HW210

5.65 m (18' 6") Mono boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  | |  | | | | | | | m (ft) |
| 7.5 m | kg | | | | | | | *4460 | *4460 | | | *3120 | *3120 | 6.46 |
| (25 ft) | lb | | | | | | | *9830 | *9830 | | | *6880 | *6880 | (21.2) |
| 6.0 m | kg | | | | | | | *4480 | *4480 | | | *2890 | *2890 | 7.50 |
| (20 ft) | lb | | | | | | | *9880 | *9880 | | | *6370 | *6370 | (24.6) |
| 4.5 m | kg | | | | | *5800 | *5800 | *5060 | *5060 | *4750 | 3740 | *2840 | *2840 | 8.13 |
| (15 ft) | lb | | | | | *12790 | *12790 | *11160 | *11160 | *10470 | 8250 | *6260 | *6260 | (26.7) |
| 3.0 m | kg | | | | | *7660 | *7660 | *5920 | 5110 | *5140 | 3620 | *2900 | *2900 | 8.44 |
| (10 ft) | lb | | | | | *16890 | *16890 | *13050 | 11270 | *11330 | 7980 | *6390 | *6390 | (27.7) |
| 1.5 m | kg | | | | | *9340 | 7430 | *6790 | 4860 | *5590 | 3500 | *3080 | 2910 | 8.48 |
| (5 ft) | lb | | | | | *20590 | 16380 | *14970 | 10710 | *12320 | 7720 | *6790 | 6420 | (27.8) |
| Ground | kg | | | *6870 | *6870 | *10240 | 7160 | *7410 | 4690 | *5910 | 3420 | *3430 | 2990 | 8.25 |
| Line | lb | | | *15150 | *15150 | *22580 | 15790 | *16340 | 10340 | *13030 | 7540 | *7560 | 6590 | (27.1) |
| -1.5 m | kg | *7420 | *7420 | *11520 | *11520 | *10360 | 7100 | *7600 | 4630 | *5900 | 3400 | *4050 | 3280 | 7.71 |
| (-5 ft) | lb | *16360 | *16360 | *25400 | *25400 | *22840 | 15650 | *16760 | 10210 | *13010 | 7500 | *8930 | 7230 | (25.3) |
| -3.0 m | kg | *12140 | *12140 | *14010 | *14010 | *9720 | 7190 | *7150 | 4690 | | | *5340 | 3970 | 6.80 |
| (-10 ft) | lb | *26760 | *26760 | *30890 | *30890 | *21430 | 15850 | *15760 | 10340 | | | *11770 | 8750 | (22.3) |
| -4.5 m | kg | | | *11130 | *11130 | *7790 | 7460 | | | | | *6160 | 5820 | 5.33 |
| (-15 ft) | lb | | | *24540 | *24540 | *17170 | 16450 | | | | | *13580 | 12830 | (17.5) |









5.65 m (18' 6") Mono boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.

| Load point height m (ft) | | Load radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 1.5 m (5 ft) | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  | |  | | | | | | | m (ft) |
| 7.5 m | kg | | | | | | | *4460 | 4160 | | | *3120 | *3120 | 6.46 |
| (25 ft) | lb | | | | | | | *9830 | 9170 | | | *6880 | *6880 | (21.2) |
| 6.0 m | kg | | | | | | | *4480 | 4130 | | | *2890 | 2780 | 7.50 |
| (20 ft) | lb | | | | | | | *9880 | 9110 | | | *6370 | 6130 | (24.6) |
| 4.5 m | kg | | | | | *5800 | *5800 | *5060 | 3950 | 3880 | 2740 | *2840 | 2360 | 8.13 |
| (15 ft) | lb | | | | | *12790 | *12790 | *11160 | 8710 | 8550 | 6040 | *6260 | 5200 | (26.7) |
| 3.0 m | kg | | | | | *7660 | 5640 | 5340 | 3710 | 3770 | 2630 | *2900 | 2150 | 8.44 |
| (10 ft) | lb | | | | | *16890 | 12430 | 11770 | 8180 | 8310 | 5800 | *6390 | 4740 | (27.7) |
| 1.5 m | kg | | | | | 7850 | 5170 | 5080 | 3480 | 3640 | 2520 | 3020 | 2080 | 8.48 |
| (5 ft) | lb | | | | | 17310 | 11400 | 11200 | 7670 | 8020 | 5560 | 6660 | 4590 | (27.8) |
| Ground | kg | | | *6870 | *6870 | 7580 | 4940 | 4910 | 3320 | 3560 | 2440 | 3110 | 2130 | 8.25 |
| Line | lb | | | *15150 | *15150 | 16710 | 10890 | 10820 | 7320 | 7850 | 5380 | 6860 | 4700 | (27.1) |
| -1.5 m | kg | *7420 | *7420 | *11520 | 9190 | 7520 | 4880 | 4850 | 3270 | 3540 | 2420 | 3420 | 2340 | 7.71 |
| (-5 ft) | lb | *16360 | *16360 | *25400 | 20260 | 16580 | 10760 | 10690 | 7210 | 7800 | 5340 | 7540 | 5160 | (25.3) |
| -3.0 m | kg | *12140 | *12140 | *14010 | 9390 | 7610 | 4960 | 4900 | 3320 | | | 4140 | 2830 | 6.80 |
| (-10 ft) | lb | *26760 | *26760 | *30890 | 20700 | 16780 | 10930 | 10800 | 7320 | | | 9130 | 6240 | (22.3) |
| -4.5 m | kg | | | *11130 | 9780 | *7790 | 5200 | | | | | 6110 | 4140 | 5.33 |
| (-15 ft) | lb | | | *24540 | 21560 | *17170 | 11460 | | | | | 13470 | 9130 | (17.5) |









LIFTING CAPACITY

 Rating over-front

 Rating over-side or 360 degree

| HW210 | | | | | | | | | | |
|---|----|---|---|---|---|---|---|---|--|-----------------|
| 5.39 m (18' 6") 2-Piece boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down. | | | | | | | | | | |
| Load point height m (ft) | | Load radius | | | | | | At max. reach | | |
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity |
| | |  |  |  |  |  |  |  |  | Reach m (ft) |
| 7.5 m | kg | | | *6000 | *6000 | | | *6180 | *6180 | 4.82 |
| (25 ft) | lb | | | *13230 | *13230 | | | *13620 | *13620 | (15.8) |
| 6.0 m | kg | | | *5930 | *5930 | *5840 | 5510 | *5920 | 5230 | 6.18 |
| (20 ft) | lb | | | *13070 | *13070 | *12870 | 12150 | *13050 | 11530 | (20.3) |
| 4.5 m | kg | | | *7060 | *7060 | *6070 | 5410 | *5950 | 4250 | 6.96 |
| (15 ft) | lb | | | *15560 | *15560 | *13380 | 11930 | *13120 | 9370 | (22.8) |
| 3.0 m | kg | | | *8820 | 8000 | *6780 | 5200 | *6110 | 3820 | 7.35 |
| (10 ft) | lb | | | *19440 | 17640 | *14950 | 11460 | *13470 | 8420 | (24.1) |
| 1.5 m | kg | | | *10310 | 7580 | *7530 | 5010 | *6350 | 3700 | 7.41 |
| (5 ft) | lb | | | *22730 | 16710 | *16600 | 11050 | *14000 | 8160 | (24.3) |
| Ground | kg | | | *10920 | 7430 | *8000 | 4890 | *6660 | 3850 | 7.17 |
| Line | lb | | | *24070 | 16380 | *17640 | 10780 | *14680 | 8490 | (23.5) |
| -1.5 m | kg | | | *10720 | 7450 | *7900 | 4900 | *7010 | 4360 | 6.57 |
| (-5 ft) | lb | | | *23630 | 16420 | *17420 | 10800 | *15450 | 9610 | (21.5) |

5.39 m (18' 6") 2-Piece boom, 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.

| Load point height m (ft) | | Load radius | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|--|-----------------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity |
| | |  |  |  |  |  |  |  |  | Reach m (ft) |
| 7.5 m | kg | | | *6000 | *6000 | | | *6180 | 5800 | 4.82 |
| (25 ft) | lb | | | *13230 | *13230 | | | *13620 | 12790 | (15.8) |
| 6.0 m | kg | | | *5930 | *5930 | 5750 | 4070 | 5450 | 3850 | 6.18 |
| (20 ft) | lb | | | *13070 | *13070 | 12680 | 8970 | 12020 | 8490 | (20.3) |
| 4.5 m | kg | | | *7060 | 6170 | 5650 | 3980 | 4420 | 3120 | 6.96 |
| (15 ft) | lb | | | *15560 | 13600 | 12460 | 8770 | 9740 | 6880 | (22.8) |
| 3.0 m | kg | | | 8450 | 5670 | 5430 | 3780 | 3970 | 2780 | 7.35 |
| (10 ft) | lb | | | 18630 | 12500 | 11970 | 8330 | 8750 | 6130 | (24.1) |
| 1.5 m | kg | | | 8020 | 5300 | 5230 | 3600 | 3850 | 2680 | 7.41 |
| (5 ft) | lb | | | 17680 | 11680 | 11530 | 7940 | 8490 | 5910 | (24.3) |
| Ground | kg | | | 7860 | 5160 | 5120 | 3500 | 4000 | 2780 | 7.17 |
| Line | lb | | | 17330 | 11380 | 11290 | 7720 | 8820 | 6130 | (23.5) |
| -1.5 m | kg | | | 7880 | 5180 | 5130 | 3500 | 4550 | 3140 | 6.57 |
| (-5 ft) | lb | | | 17370 | 11420 | 11310 | 7720 | 10030 | 6920 | (21.5) |











1. Lifting capacity are based on ISO 10567.

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.











4. (*) indicates load limited by hydraulic capacity.

 Rating over-front

 Rating over-side or 360 degree

| HW210 | | | | | | | | | | | | |
|--|----|---|---|---|---|---|---|---|---|---|---|--------|
| 5.39 m (18' 6") 2-Piece boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down. | | | | | | | | | | | | |
| Load point height m (ft) | | Load radius | | | | | | At max. reach | | | | |
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m | kg | | | *5250 | *5250 | | | | | *5650 | *5650 | 5.42 |
| (25 ft) | lb | | | *11570 | *11570 | | | | | *12460 | *12460 | (17.8) |
| 6.0 m | kg | | | *5360 | *5360 | *5300 | *5300 | | | *5460 | 4650 | 6.65 |
| (20 ft) | lb | | | *11820 | *11820 | *11680 | *11680 | | | *12040 | 10250 | (21.8) |
| 4.5 m | kg | *8660 | *8660 | *6500 | *6500 | *5680 | 5450 | | | *5220 | 3870 | 7.38 |
| (15 ft) | lb | *19090 | *19090 | *14330 | *14330 | *12520 | 12020 | | | *11510 | 8530 | (24.2) |
| 3.0 m | kg | | | *8280 | 8100 | *6450 | 5220 | *5730 | 3710 | *4830 | 3510 | 7.75 |
| (10 ft) | lb | | | *18250 | 17860 | *14220 | 11510 | *12630 | 8180 | *10650 | 7740 | (25.4) |
| 1.5 m | kg | | | *9910 | 7620 | *7270 | 5000 | *6080 | 3620 | *5020 | 3410 | 7.81 |
| (5 ft) | lb | | | *21850 | 16800 | *16030 | 11020 | *13400 | 7980 | *11070 | 7520 | (25.6) |
| Ground | kg | | | *10770 | 7400 | *7850 | 4860 | *6290 | 3570 | *5270 | 3520 | 7.58 |
| Line | lb | | | *23740 | 16310 | *17310 | 10710 | *13870 | 7870 | *11620 | 7760 | (24.9) |
| -1.5 m | kg | *14400 | *14400 | *10810 | 7380 | *7950 | 4840 | | | *6560 | 3930 | 7.01 |
| (-5 ft) | lb | *31750 | *31750 | *23830 | 16270 | *17530 | 10670 | | | *14460 | 8660 | (23.0) |
| -3.0 m | kg | | | | | | | | | | | |
| (-10 ft) | lb | | | | | | | | | | | |

5.39 m (18' 6") 2-Piece boom, 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.

| Load point height m (ft) | | Load radius | | | | | | At max. reach | | | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m | kg | | | *5250 | *5250 | | | | | *5650 | 4840 | 5.42 |
| (25 ft) | lb | | | *11570 | *11570 | | | | | *12460 | 10670 | (17.8) |
| 6.0 m | kg | | | *5360 | *5360 | *5300 | 4140 | | | 4840 | 3430 | 6.65 |
| (20 ft) | lb | | | *11820 | *11820 | *11680 | 9130 | | | 10670 | 7560 | (21.8) |
| 4.5 m | kg | *8660 | *8660 | *6500 | 6270 | *5680 | 4010 | | | 4020 | 2830 | 7.38 |
| (15 ft) | lb | *19090 | *19090 | *14330 | 13820 | *12520 | 8840 | | | 8860 | 6240 | (24.2) |
| 3.0 m | kg | | | *8280 | 5750 | 5460 | 3800 | 3850 | 2700 | 3650 | 2550 | 7.75 |
| (10 ft) | lb | | | *18250 | 12680 | 12040 | 8380 | 8490 | 5950 | 8050 | 5620 | (25.4) |
| 1.5 m | kg | | | 8060 | 5330 | 5230 | 3600 | 3760 | 2610 | 3540 | 2460 | 7.81 |
| (5 ft) | lb | | | 17770 | 11750 | 11530 | 7940 | 8290 | 5750 | 7800 | 5420 | (25.6) |
| Ground | kg | | | 7830 | 5130 | 5090 | 3470 | 3710 | 2570 | 3660 | 2530 | 7.58 |
| Line | lb | | | 17260 | 11310 | 11220 | 7650 | 8180 | 5670 | 8070 | 5580 | (24.9) |
| -1.5 m | kg | *14400 | 9590 | 7810 | 5110 | 5060 | 3440 | | | 4100 | 2830 | 7.01 |
| (-5 ft) | lb | *31750 | 21140 | 17220 | 11270 | 11160 | 7580 | | | 9040 | 6240 | (23.0) |
| -3.0 m | kg | | | | | | | | | | | |
| (-10 ft) | lb | | | | | | | | | | | |



1. Lifting capacity are based on ISO 10567.

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.











LIFTING CAPACITY

MEMO











 Rating over-front
  Rating over-side or 360 degree

HW210

5.39 m (18' 6") 2-Piece boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade down.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | Reach | |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m | kg | | | | | | | | | *5230 | *5230 | 4.22 |
| (30 ft) | lb | | | | | | | | | *11530 | *11530 | (13.9) |
| 7.5 m | kg | | | | | *4860 | *4860 | | | *4090 | *4090 | 6.12 |
| (25 ft) | lb | | | | | *10710 | *10710 | | | *9020 | *9020 | (20.1) |
| 6.0 m | kg | | | | | *4700 | *4700 | | | *3690 | *3690 | 7.23 |
| (20 ft) | lb | | | | | *10360 | *10360 | | | *8140 | *8140 | (23.7) |
| 4.5 m | kg | | | *5740 | *5740 | *5160 | *5160 | *4990 | 3800 | *3540 | 3460 | 7.90 |
| (15 ft) | lb | | | *12650 | *12650 | *11380 | *11380 | *11000 | 8380 | *7800 | 7630 | (25.9) |
| 3.0 m | kg | | | *7530 | *7530 | *5990 | 5260 | *5320 | 3710 | *3560 | 3170 | 8.25 |
| (10 ft) | lb | | | *16600 | *16600 | *13210 | 11600 | *11730 | 8180 | *7850 | 6990 | (27.1) |
| 1.5 m | kg | | | *9320 | 7690 | *6900 | 5010 | *5770 | 3590 | *3720 | 3070 | 8.31 |
| (5 ft) | lb | | | *20550 | 16950 | *15210 | 11050 | *12720 | 7910 | *8200 | 6770 | (27.3) |
| Ground | kg | *7960 | *7960 | *10450 | 7380 | *7610 | 4830 | *6130 | 3510 | *4060 | 3160 | 8.09 |
| Line | lb | *17550 | *17550 | *23040 | 16270 | *16780 | 10650 | *13510 | 7740 | *8950 | 6970 | (26.5) |
| -1.5 m | kg | *13410 | *13410 | *10800 | 7290 | *7910 | 4760 | *5700 | 3510 | *4700 | 3470 | 7.56 |
| (-5 ft) | lb | *29560 | *29560 | *23810 | 16070 | *17440 | 10490 | *12570 | 7740 | *10360 | 7650 | (24.8) |
| -3.0 m | kg | | | *10270 | 7370 | *7480 | 4820 | | | | | |
| (-10 ft) | lb | | | *22640 | 16250 | *16490 | 10630 | | | | | |

5.39 m (18' 6") 2-Piece boom, 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger and dozer blade up.

| Load point height m (ft) | | Load radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0 m (10 ft) | | 4.5 m (15 ft) | | 6.0 m (20 ft) | | 7.5 m (25 ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m | kg | | | | | | | | | *5230 | *5230 | 4.22 |
| (30 ft) | lb | | | | | | | | | *11530 | *11530 | (13.9) |
| 7.5 m | kg | | | | | *4860 | 4160 | | | *4090 | 4000 | 6.12 |
| (25 ft) | lb | | | | | *10710 | 9170 | | | *9020 | 8820 | (20.1) |
| 6.0 m | kg | | | | | *4700 | 4200 | | | *3690 | 2990 | 7.23 |
| (20 ft) | lb | | | | | *10360 | 9260 | | | *8140 | 6590 | (23.7) |
| 4.5 m | kg | | | *5740 | *5740 | *5160 | 4060 | 3960 | 2790 | *3540 | 2520 | 7.90 |
| (15 ft) | lb | | | *12650 | *12650 | *11380 | 8950 | 8730 | 6150 | *7800 | 5560 | (25.9) |
| 3.0 m | kg | | | *7530 | 5870 | 5490 | 3830 | 3860 | 2700 | 3290 | 2290 | 8.25 |
| (10 ft) | lb | | | *16600 | 12940 | 12100 | 8440 | 8510 | 5950 | 7250 | 5050 | (27.1) |
| 1.5 m | kg | | | 8130 | 5380 | 5240 | 3590 | 3740 | 2590 | 3190 | 2200 | 8.31 |
| (5 ft) | lb | | | 17920 | 11860 | 11550 | 7910 | 8250 | 5710 | 7030 | 4850 | (27.3) |
| Ground | kg | *7960 | *7960 | 7810 | 5100 | 5050 | 3430 | 3660 | 2510 | 3280 | 2260 | 8.09 |
| Line | lb | *17550 | *17550 | 17220 | 11240 | 11130 | 7560 | 8070 | 5530 | 7230 | 4980 | (26.5) |
| -1.5 m | kg | *13410 | 9390 | 7720 | 5020 | 4980 | 3360 | 3650 | 2500 | 3610 | 2480 | 7.56 |
| (-5 ft) | lb | *29560 | 20700 | 17020 | 11070 | 10980 | 7410 | 8050 | 5510 | 7960 | 5470 | (24.8) |
| -3.0 m | kg | | | 7800 | 5090 | 5040 | 3420 | | | | | |
| (-10 ft) | lb | | | 17200 | 11220 | 11110 | 7540 | | | | | |

1. Lifting capacity are based on ISO 10567.

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.