

MOVING YOU FURTHER

HW210

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

SAE J1349 / 129.4 kW (174 HP) at 2,000 rpm

Gross Power

SAE J1995 / 136.8 kW (183 HP) at 2,000 rpm

Travel Speed

35 km/h (21.7 mph)

Operating Weight

21,200 kg (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.





HYUNDAI

**HW
210**

*Photo may include optional equipment.

RULE THE GROUND

The HW series exceeds customers' 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



HW210



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)
- Cab Suspension Mount
- Swing Lock System (Option)
- Fine Swing Control (Option)



*Photo may include optional equipment.



*Photo may include optional equipment.



Fuel Rate Information



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.



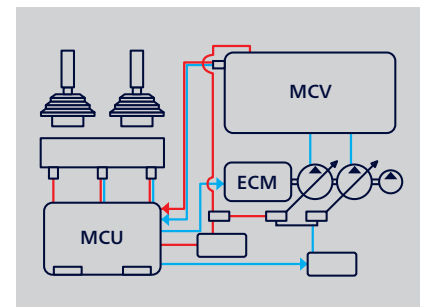
ECO Colored Gauge

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 control 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 switch valve, reducing fuel consumption.



New Variable Power Control

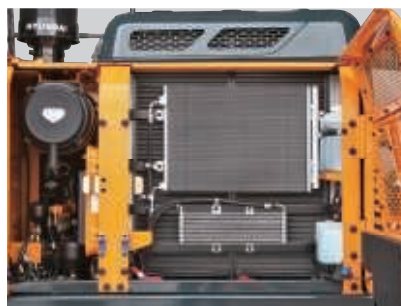
The HW Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage Power mode ensures the highest performance in any operating environment.

- * 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.

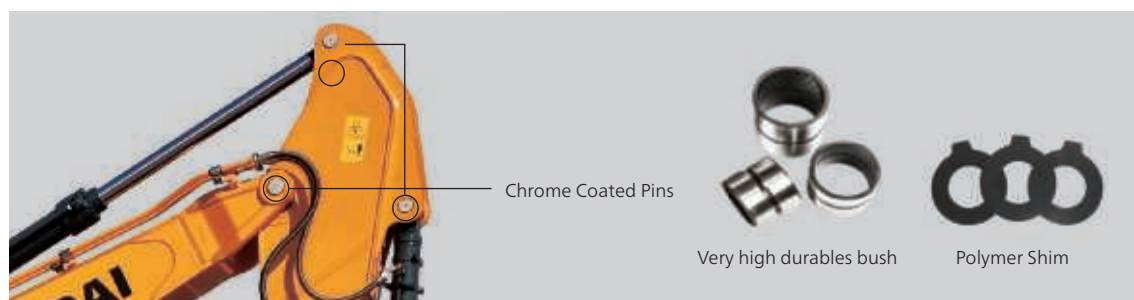
Enlarged Air Inlet with Grill Cover

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.



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.



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.



*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 30% 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, lamps, overload warnings, 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 operation of the 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, rear and to the right and left.



- * AAVM (Advanced 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	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	136.8 kW (183 HP) at 2,000 rpm
		J1349 (net)	129.4 kW (174 HP) at 2,000 rpm
	DIN	6271/1 (gross)	129.4 kW (186 PS) at 2,000 rpm
		6271/1 (net)	136.8 kW (176 PS) at 2,000 rpm
Max. torque	85.7 kgf-m (620 lbf-ft) at 1,500 rpm		
Bore x stroke	107 x 124 mm (4.2" x 4.9")		
Piston displacement	6,700 cc (409 cu in)		
Batteries	2 x 12 V x 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 228.2 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: Ø 120 x 1,290 mm
	Arm: Ø 140 x 1,510 mm
	Bucket: Ø 120 x 1,055 mm
	Dozer Blade: Ø 125 x 222 mm
	Outrigger: Ø 130 x 427 mm
	2-Piece Boom 1st: Ø 130 x 427 mm 2nd: Ø 130 x 427 mm

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	31.5° (61%)
Parking brake	Multi wet disc

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 (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

AXLE & WHEEL	
Full floating front axle is supported by center pin for oscillation. It can be locked by oscillation lock cylinders. Rear axle is fixed on the lower chassis.	
Tires	10.00-20-16PR, Dual (tube type)
(Optional)	10.00-20, Dual (solid 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	1.6	1.4
Axle	Front	14.6	3.9
	Rear	18.5	4.9
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

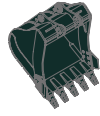
UNDERCARRIAGE	
Reinforced box-section frame is all-welded, low-stress. Dozer blade and outriggers are available. A pin-on design.	
Dozer blade	A very useful addition for leveling and back filling or clean-up work.
Outrigger	Indicated for max. operation stability when digging and lifting. Can be mounted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

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 5,650 mm (18' 6") boom; 2,920 mm (9' 7") arm; SAE heaped 0.80 m ³ (1.05 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT	
Front outrigger and rear blade	21,200 kg (46,740 lb)
Front and rear outrigger	21,300 kg (46,960 lb)
Front blade and rear outrigger	21,300 kg (46,960 lb)

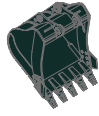
BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

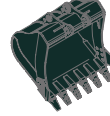


SAE heaped
m³ (yd³)

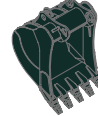
0.80 (1.05)
0.87 (1.14)
0.92 (1.20)



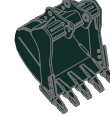
1.10 (1.44)
1.20 (1.57)
1.34 (1.75)



1.34 (1.75)



◆ 0.90 (1.18)
◆ 1.05 (1.37)



◆ 0.87 (1.14)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
SAE heaped	CECE heaped	Without side cutters	With side cutters		5,680 (18' 6") Mono-boom			5,390 (17' 8") 2-Piece boom		
					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)	700 (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 kg /m³ (3,370 lb/ yd³) or less
- : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- ▲ : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
5.65 m (18' 6") Mono-boom and 5.39 m (17' 8") 2-Piece boom and 2.0 m (6' 7"); 2.4 m (7' 10") & 2.92 m (9' 7") Arms are available.

DIGGING FORCE

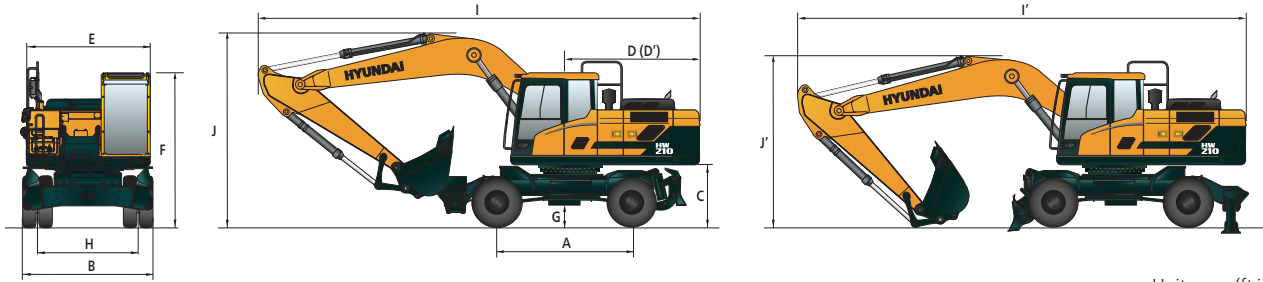
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	Remarks:
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	[]: Power Boost
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	
		lbf	29980 [32550]	29980 [32550]	29980 [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 and 2.92 m (9' 7") Arm, Front outrigger and rear dozer blade.



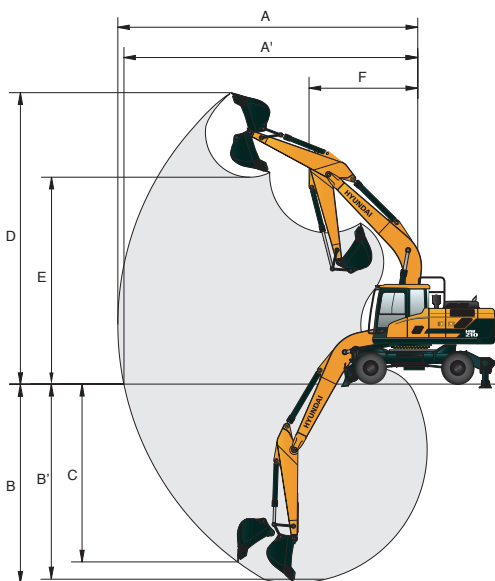
Unit : mm (ft-in)

A	Wheel base	2,800 (9' 2")
B	Overall width	2,530 (8' 4")
C	Ground clearance of counterweight	1,300 (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	3,245 (10' 8")
G	Min. ground clearance	353 (1' 2")
H	Tread	1,914 (6' 3")

	Boom length	5,680 (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)

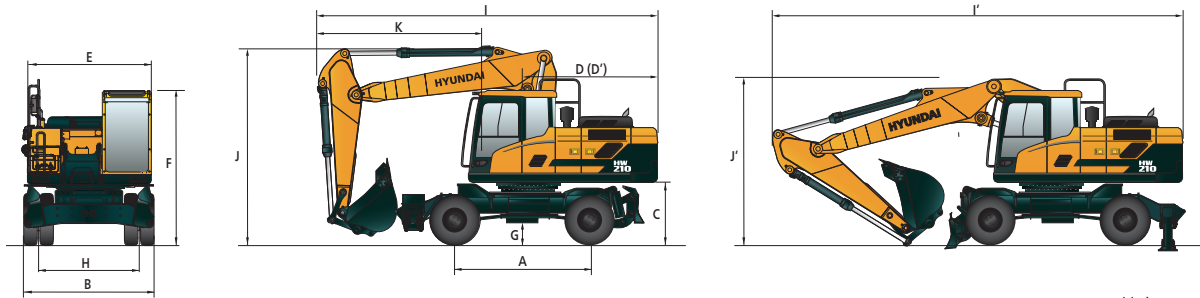


	Boom length	5,680 (18' 6")		
	Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A	Max. digging reach	9,110 (29' 11")	9,480 (31' 1")	9,960 (32' 8")
A'	Max. digging reach on ground	8,870 (29' 1")	9,260 (30' 5")	9,750 (32' 0")
B	Max. digging depth	5,480 (18' 0")	5,880 (19' 3")	6,380 (20' 11")
B'	Max. 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")	5,810 (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. front swing radius	3,700 (12' 2")	3,620 (11' 11")	3,580 (11' 9")

DIMENSIONS & WORKING RANGE

HW210 2-PIECE BOOM DIMENSIONS

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



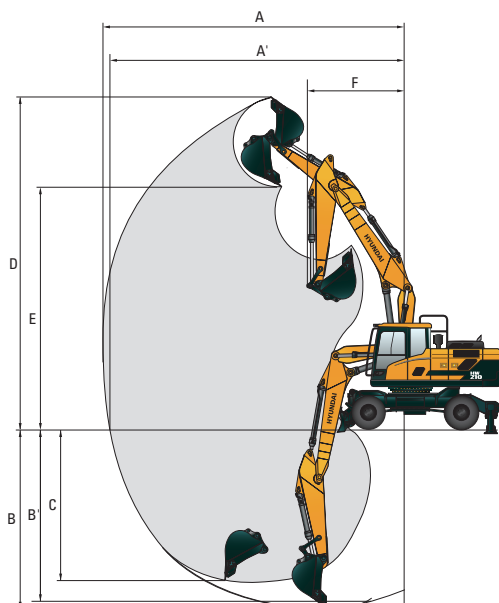
Unit : mm (ft-in)

A	Wheel base	2,800 (9' 2")
B	Overall width	2,530 (8' 4")
C	Ground clearance of counterweight	1,300 (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	3,245 (10' 8")
G	Min. ground clearance	353 (1' 2")
H	Tread	1,914 (6' 3")

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") (Bucketless)
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")
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	5,680 (18' 6")			
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. front swing radius	3,260 (10' 8")	2,970 (9' 9")	2,760 (9' 1")

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

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								*4060	*4060	6.85	
	lb								*8950	*8950	(22.5)	
6.0 m (20 ft)	kg				*4520	*4520			*4150	4120	7.89	
	lb				*9960	*9960			*9150	9080	(25.9)	
4.5 m (15 ft)	kg	*8830	*8830	*6030	*6030	*5030	*5030		*4300	3560	8.48	
	lb	*19470	*19470	*13290	*13290	*11090	*11090		*9480	7850	(27.8)	
3.0 m (10 ft)	kg			*7850	*7850	*5830	*5830	*4980	4260	*4470	3330	8.73
	lb			*17310	*17310	*12850	*12850	*10980	9390	*9850	7340	(28.6)
1.5 m (5 ft)	kg			*9310	*9310	*6610	5920	*5330	4150	*4680	3320	8.67
	lb			*20530	*20530	*14570	13050	*11750	9150	*10320	7320	(28.4)
Ground Line	kg			*9910	9210	*7090	5770			*4880	3550	8.30
	lb			*21850	20300	*15630	12720			*10760	7830	(27.2)
-1.5 m (-5 ft)	kg	*14170	*14170	*9750	9210	*7100	5750			*5040	4150	7.57
	lb	*31240	*31240	*21500	20300	*15650	12680			*11110	9150	(24.8)
-3.0 m (-10 ft)	kg	*12470	*12470	*8790	*8790					*4950	*4950	6.30
	lb	*27490	*27490	*19380	*19380					*10910	*10910	(20.7)

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								*4060	2680	6.85	
	lb								*8950	5910	(22.5)	
6.0 m (20 ft)	kg					*4520	3300			3880	1980	7.89
	lb					*9960	7280			8550	4370	(25.9)
4.5 m (15 ft)	kg	*8830	*8830	*6030	5030	*5030	3140			3360	1640	8.48
	lb	*19470	*19470	*13290	11090	*11090	6920			7410	3620	(27.8)
3.0 m (10 ft)	kg			*7850	4500	5760	2910	4010	1970	3130	1490	8.73
	lb			*17310	9920	12700	6420	8840	4340	6900	3280	(28.6)
1.5 m (5 ft)	kg			8670	4110	5530	2710	3900	1880	3120	1470	8.67
	lb			19110	9060	12190	5970	8600	4140	6880	3240	(28.4)
Ground Line	kg			8490	3960	5390	2590			3340	1580	8.30
	lb			18720	8730	11880	5710			7360	3480	(27.2)
-1.5 m (-5 ft)	kg	*14170	7580	8490	3960	5370	2570			3900	1900	7.57
	lb	*31240	16710	18720	8730	11840	5670			8600	4190	(24.8)
-3.0 m (-10 ft)	kg	*12470	7790	8630	4080					*4950	2680	6.30
	lb	*27490	17170	19030	8990					*10910	5910	(20.7)



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.

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HW210

5.65 m (18' 6") Mono-boom; 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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								*4090	*4090	6.85	
	lb								*9020	*9020	(22.5)	
6.0 m (20 ft)	kg				*4550	*4550			*4170	3400	7.89	
	lb				*10030	*10030			*9190	7500	(25.9)	
4.5 m (15 ft)	kg	*8890	*8890	*6070	*6070	*5060	*5060		*4310	2930	8.48	
	lb	*19600	*19600	*13380	*13380	*11160	*11160		*9500	6460	(27.8)	
3.0 m (10 ft)	kg			*7880	*7880	*5860	5040	*4990	3490	*4480	2720	8.73
	lb			*17370	*17370	*12920	11110	*11000	7690	*9880	6000	(28.6)
1.5 m (5 ft)	kg			*9330	7490	*6630	4810	*5340	3390	*4680	2710	8.67
	lb			*20570	16510	*14620	10600	*11770	7470	*10320	5970	(28.4)
Ground Line	kg			*9910	7310	*7100	4680			*4880	2890	8.30
	lb			*21850	16120	*15650	10320			*10760	6370	(27.2)
-1.5 m (-5 ft)	kg	*14120	*14120	*9740	7310	*7090	4650			*5020	3390	7.57
	lb	*31130	*31130	*21470	16120	*15630	10250			*11070	7470	(24.8)
-3.0 m (-10 ft)	kg	*12390	*12390	*8750	7450					*4910	4650	6.30
	lb	*27320	*27320	*19290	16420					*10820	10250	(20.7)

5.65 m (18' 6") Mono-boom; 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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								*4090	2680	6.85	
	lb								*9020	5910	(22.5)	
6.0 m (20 ft)	kg					*4550	3300			3880	1980	7.89
	lb					*10030	7280			8550	4370	(25.9)
4.5 m (15 ft)	kg	*8890	*8890	*6070	5030	*5060	3140			3360	1640	8.48
	lb	*19600	*19600	*13380	11090	*11160	6920			7410	3620	(27.8)
3.0 m (10 ft)	kg			*7880	4500	5760	2910	4010	1970	3130	1490	8.73
	lb			*17370	9920	12700	6420	8810	4340	6900	3280	(28.6)
1.5 m (5 ft)	kg			8670	4110	5530	2710	3900	1880	3120	1470	8.67
	lb			19110	9060	12190	5970	8600	4140	6880	3240	(28.4)
Ground Line	kg			8490	3960	5390	2590			3340	1580	8.30
	lb			18720	8730	11880	5710			7360	3480	(27.2)
-1.5 m (-5 ft)	kg	*14120	7580	8490	3960	5370	2570			3900	1900	7.57
	lb	*31130	16710	18720	8730	11840	5670			8600	4190	(24.8)
-3.0 m (-10 ft)	kg	*12390	7790	8630	4080					*4910	2680	6.30
	lb	*27320	17170	19030	8990					*10820	5910	(20.7)



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.

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HW210

5.65 m (18' 6") Mono-boom; 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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											*3760	*3760	7.34
	lb											*8290	*8290	(24.1)
6.0 m (20 ft)	kg						*4100	*4100				*3860	3110	8.31
	lb						*9040	*9040				*8510	6860	(27.3)
4.5 m (15 ft)	kg				*5450	*5450	*4660	*4660	*4350	3610		*4010	2700	8.87
	lb				*12020	*12020	*10270	*10270	*9590	7960		*8840	5950	(29.1)
3.0 m (10 ft)	kg				*7280	*7280	*5510	5060	*4710	3490		*4180	2520	9.10
	lb				*16050	*16050	*12150	11160	*10380	7690		*9220	5560	(29.9)
1.5 m (5 ft)	kg				*8900	7530	*6350	4810	*5140	3370		*4380	2500	9.05
	lb				*19620	16600	*14000	10600	*11330	7430		*9660	5510	(29.7)
Ground Line	kg			*9890	*9890	*9740	7280	*6940	4650	*5440	3290	*4590	2650	8.70
	lb			*21800	*21800	*21470	16050	*15300	10250	*11990	7250	*10120	5840	(28.5)
-1.5 m (-5 ft)	kg	*10720	*10720	*14740	*14740	*9810	7230	*7090	4590			*4780	3060	8.00
	lb	*23630	*23630	*32500	*32500	*21630	15940	*15630	10120			*10540	6750	(26.2)
-3.0 m (-10 ft)	kg	*15240	*15240	*13230	*13230	*9100	7340	*6560	4670			*4830	4020	6.84
	lb	*33600	*33600	*29170	*29170	*20060	16180	*14460	10300			*10650	8860	(22.4)
-4.5 m (-15 ft)	kg			*10230	*10230	*7020	*7020							
	lb			*22550	*22550	*15480	15480							

5.65 m (18' 6") Mono-boom; 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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											*3760	2360	7.34
	lb											*8290	5200	(24.1)
6.0 m (20 ft)	kg							*4100	3350			3550	1780	8.31
	lb							*9040	7390			7830	3920	(27.3)
4.5 m (15 ft)	kg					*5450	5130	*4660	3170	4120	2080	3100	1490	8.87
	lb					*12020	11310	*10270	6990	9080	4590	6830	3280	(29.1)
3.0 m (10 ft)	kg					*7280	4580	*5510	2930	4010	1970	2910	1350	9.10
	lb					*16050	10100	*12150	6460	8840	4340	6420	2980	(29.9)
1.5 m (5 ft)	kg					8710	4140	5530	2710	3890	1860	2890	1330	9.05
	lb					19200	9130	12190	5970	8580	4100	6370	2930	(29.7)
Ground Line	kg			*9890	7340	8450	3930	5360	2560	3800	1790	3070	1420	8.70
	lb			*21800	16180	18630	8660	11820	5640	8380	3950	6770	3130	(28.5)
-1.5 m (-5 ft)	kg	*10720	*10720	*14740	7410	8410	3890	5310	2510			3530	1680	8.00
	lb	*23630	*23630	*32500	16340	18540	8580	11710	5530			7780	3700	(26.2)
-3.0 m (-10 ft)	kg	*15240	*15240	*13230	7610	8510	3980	5380	2570			4610	2280	6.84
	lb	*33600	*33600	*29170	16780	18760	8770	11860	5670			10160	5030	(22.4)
-4.5 m (-15 ft)	kg			*10230	7990	*7020	4240							
	lb			*22550	17610	*15480	9350							


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.

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HW210

5.65 m (18' 6") Mono-boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outigger 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)	
9.0 m (30 ft)	kg lb												*3350 *7390	*3350 *7390	6.52 (21.4)
7.5 m (25 ft)	kg lb												*3400 *7500	*3400 *7500	7.96 (26.1)
6.0 m (20 ft)	kg lb									*2360 *5800	*2360 *5800	*3510 *7740	3370 7430	8.85 (29.0)	
4.5 m (15 ft)	kg lb						*4140 *9130	*4140 *9130	*3920 *8640	*3920 *8640	*3650 *8050	2970 6550	9.37 (30.7)		
3.0 m (10 ft)	kg lb		*10640 *23460	*10640 *23460	*6480 *14290	*6480 *14290	*5020 *11070	*5020 *11070	*4350 *9590	4260 9390	*3820 *8420	2790 6150	9.59 (31.5)		
1.5 m (5 ft)	kg lb		*8960 *19750	*8960 *19750	*8280 *18250	*8280 *18250	*5950 *13120	5910 13030	*4840 *10670	4110 9060	*4010 *8840	2770 6110	9.54 (31.3)		
Ground Line	kg lb		*10270 *22640	*10270 *22640	*9290 *20700	9130 20130	*6660 *14680	5690 12540	*5240 *11550	3990 8800	*4220 *9300	2920 6440	9.21 (30.2)		
-1.5 m (-5 ft)	kg lb	*9530 *21010	*9530 *21010	*13530 *29830	*13530 *29830	*9740 *21470	9000 19840	*6990 *15410	5590 12320	*5370 *11840	3950 8710	*4430 *9770	3300 7280	8.56 (28.1)	
-3.0 m (-10 ft)	kg lb	*12990 *28640	*12990 *28640	*13990 *30840	*13990 *30840	*9350 *20610	9050 19950	*6760 *14900	5620 12390			*4570 *10080	4140 9130	7.50 (24.6)	
-4.5 m (-15 ft)	kg lb			*11590 *25550	*11590 *25550	*7910 *17440	*7910 *17440								

5.65 m (18' 6") Mono-boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, 4-outigger 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)	
9.0 m (30 ft)	kg lb												*3350 *7390	3040 6700	6.52 (21.4)
7.5 m (25 ft)	kg lb												*3400 *7500	2010 4430	7.96 (26.1)
6.0 m (20 ft)	kg lb									*2630 *5800	2160 4760	3170 6990	1540 3400	8.85 (29.0)	
4.5 m (15 ft)	kg lb						*4140 *9130	3210 7080	*3920 *8640	2090 4610	2800 6170	1300 2870	9.37 (30.7)		
3.0 m (10 ft)	kg lb		*10640 *23460	8580 18920	*6480 *14290	4680 10320	*5020 *11070	2950 6500	4010 8840	1960 4320	2630 5800	1180 2600	9.59 (31.5)		
1.5 m (5 ft)	kg lb		*8960 *19750	7420 16360	*8280 *18250	4170 9190	5520 12170	2690 5930	3860 8510	1830 4030	2610 5750	1150 2540	9.54 (31.3)		
Ground Line	kg lb		*10270 *22640	7170 15810	8400 18520	3870 8530	5310 11710	2500 5510	3740 8250	1730 3810	2740 6040	1220 2690	9.21 (30.2)		
-1.5 m (-5 ft)	kg lb	*9530 *21010	*9530 *21010	*13530 *29830	7180 15830	8280 18250	3770 8310	5210 11490	2420 5340	3700 8160	1680 3700	3100 6830	1410 3110	8.56 (28.1)	
-3.0 m (-10 ft)	kg lb	*12990 *28640	*12990 *28640	*13990 *30840	7340 16180	8340 18390	3820 8420	5240 11550	2440 5380			3890 8580	1860 4100	7.50 (24.6)	
-4.5 m (-15 ft)	kg lb			*11590 *25550	7660 16890	*7910 *17440	4000 8820								


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.

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HW210

5.65 m (18' 6") Mono-boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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)	
9.0 m (30 ft)	kg										*3350	*3350	6.52	
	lb										*7390	*7390	(21.4)	
7.5 m (25 ft)	kg										*3400	*3400	7.96	
	lb										*7500	*7500	(26.1)	
6.0 m (20 ft)	kg							*2630	*2630		*3510	2760	8.85	
	lb							*5800	*5800		*7740	6080	(29.0)	
4.5 m (15 ft)	kg					*4140	*4140	*3920	3630		*3650	2420	9.37	
	lb					*9130	*9130	*8640	8000		*8050	5340	(30.7)	
3.0 m (10 ft)	kg		*10640	*10640	*6480	*6480	*5020	*5020	*4350	3490	*3820	2260	9.59	
	lb		*23460	*23460	*14290	*14290	*11070	*11070	*9590	7690	*8420	4980	(31.5)	
1.5 m (5 ft)	kg		*8960	*8960	*8280	7570	*5950	4800	*4840	3340	*4010	2240	9.54	
	lb		*19750	*19750	*18250	16690	*13120	10580	*10670	7360	*8840	4940	(31.3)	
Ground Line	kg		*10270	*10270	*9290	7230	*6660	4600	*5240	3230	*4220	2360	9.21	
	lb		*22640	*22640	*20700	15940	*14680	10140	*11550	7120	*9300	5200	(30.2)	
-1.5 m (-5 ft)	kg	*9530	*9530	*13530	*13530	*9740	7110	*6990	4500	*5370	3190	*4430	2670	8.56
	lb	*21010	*21010	*29830	*29830	*21470	15670	*15410	9920	*14840	7030	*9770	5890	(28.1)
-3.0 m (-10 ft)	kg	*12990	*12990	*13990	*13990	*9350	7160	*6760	4520			*4570	3380	7.50
	lb	*28640	*28640	*30840	*30840	*20610	15790	*14900	9960			*10080	7450	(24.6)
-4.5 m (-15 ft)	kg		*11590	*11590	*7910	7380								
	lb		*25550	*25550	*17440	16270								

5.65 m (18' 6") Mono-boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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)	
9.0 m (30 ft)	kg										*3350	3040	6.52	
	lb										*7390	6700	(21.4)	
7.5 m (25 ft)	kg										*3400	2010	7.96	
	lb										*7500	4430	(26.1)	
6.0 m (20 ft)	kg							*2630	2160		3170	1540	8.85	
	lb							*5800	4760		6990	3400	(29.0)	
4.5 m (15 ft)	kg					*4140	3210	*3920	2090		2800	1300	9.37	
	lb					*9130	7080	*8640	4610		6170	2870	(30.7)	
3.0 m (10 ft)	kg		*10640	8580	*6480	4680	*5020	2950	4010	1960	2630	1180	9.59	
	lb		*23460	18920	*14290	10320	*11070	6500	8840	4320	5800	2600	(31.5)	
1.5 m (5 ft)	kg		*8960	7420	*8280	4170	5520	2690	3860	1830	2610	1150	9.54	
	lb		*19750	16360	*18250	9190	12170	5930	8510	4030	5750	2540	(31.3)	
Ground Line	kg		*10270	7170	8400	3870	5310	2500	3740	1730	2740	1220	9.21	
	lb		*22640	15810	18520	8530	11710	5510	8250	3810	6040	2690	(30.2)	
-1.5 m (-5 ft)	kg	*9530	*9530	*13530	7180	8280	3770	5210	2420	3700	1680	3100	1410	8.56
	lb	*21010	*21010	*29830	15830	18250	8310	11490	5340	8160	3700	6830	3110	(28.1)
-3.0 m (-10 ft)	kg	*12990	*12990	*13990	7340	8340	3820	5240	2440			3890	1860	7.50
	lb	*28640	*28640	*30840	16180	18390	8420	11550	5380			8580	4100	(24.6)
-4.5 m (-15 ft)	kg		*11590	7660	*7910	4000								
	lb		*25550	16890	*17440	8820								



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.

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HW210

5.39 m (17' 8") 2-Piece boom; 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg lb									*3900 *8600	*3900 *8600	4.40 (14.4)
7.5 m (25 ft)	kg lb			*3980 *8770	*3980 *8770					*3660 *8070	*3660 *8070	6.49 (21.3)
6.0 m (20 ft)	kg lb	*6850 *15100	*6850 *15100	*4070 *8970	*4070 *8970	*4000 *8820	*4000 *8820			*3690 *8140	3670 8090	7.62 (25.0)
4.5 m (15 ft)	kg lb			*5020 *11070	*5020 *11070	*4320 *9520	*4320 *9520			*3800 *8380	3120 6880	8.25 (27.1)
3.0 m (10 ft)	kg lb			*6510 *14350	*6510 *14350	*4960 *10930	*4960 *10930	*4340 *9570	3550 7830	*3960 *8730	2880 6350	8.53 (28.0)
1.5 m (5 ft)	kg lb			*7880 *17370	7710 17000	*5650 *12460	4940 10890	*4640 *10230	3470 7650	*4160 *9170	2860 6310	8.50 (27.9)
Ground Line	kg lb			*8620 *19000	7490 16510	*6150 *13560	4790 10560			*4360 *9610	3060 6750	8.14 (26.7)
-1.5 m (-5 ft)	kg lb	*12970 *28590	*12970 *28590	*8660 *19000	7470 16470	*6240 *13760	4760 10490					



5.39 m (17' 8") 2-Piece boom; 2.00 m (6' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg lb									*3890 *8580	*3890 *8580	4.39 (14.4)
7.5 m (25 ft)	kg lb			*3980 *8770	*3980 *8770					*3660 *8070	2990 6590	6.49 (21.3)
6.0 m (20 ft)	kg lb	*6850 *15100	*6850 *15100	*4080 *8990	*4080 *8990	*4000 *8820	3330 7340			*3690 *8140	2150 4740	7.61 (25.0)
4.5 m (15 ft)	kg lb			*5020 *11070	*5020 *11070	*4320 *9520	3210 7080			3580 7890	1770 3900	8.25 (27.1)
3.0 m (10 ft)	kg lb			*6510 *14350	4680 10320	*4960 *10930	3000 6610	4070 8970	2010 4430	3320 7320	1600 3530	8.53 (28.0)
1.5 m (5 ft)	kg lb			*7880 *17370	4270 9410	*5650 *12460	2800 6170	3980 8770	1930 4250	3300 7280	1570 3460	8.49 (27.9)
Ground Line	kg lb			*8620 *19000	4080 8990	5520 12170	2670 5890			3520 7760	1690 3730	8.13 (26.7)
-1.5 m (-5 ft)	kg lb	*12970 *28590	7700 16980	8650 19070	4060 8950	5490 12100	2640 5820					

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.

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HW210

5.39 m (17' 8") 2-Piece boom; 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg								*3480	*3480	5.19 (17.0)
	lb								*7670	*7670	
7.5 m (25 ft)	kg								*3370	*3370	7.00 (23.0)
	lb								*7430	*7430	
6.0 m (20 ft)	kg				*3600	*3600			*3420	3340	8.04 (26.4)
	lb				*7940	*7940			*7540	7360	
4.5 m (15 ft)	kg		*4520	*4520	*3980	*3980	*3700	3650	*3530	2870	8.64 (28.3)
	lb		*9960	*9960	*8770	*8770	*8160	8050	*7780	6330	
3.0 m (10 ft)	kg	*10000	*10000	*6010	*6010	*4660	*4660	*4070	3560	*3690	2660 (8.91 (29.2))
	lb	*22050	*22050	*13250	*13250	*10270	*10270	*8970	7850	*8140	5860
1.5 m (5 ft)	kg		*7490	*7490	*5400	4940	*4430	3450	*3880	2640 (8.87 (29.1))	
	lb		*16510	*16510	*11900	10890	*9770	7610	*8550	5820	
Ground Line	kg	*10060	*10060	*8410	7470	*5980	4770	*4720	3370	*4090	2800 (8.54 (28.0))
	lb	*22180	*22180	*18540	16470	*13180	10520	*10410	7430	*9020	6170
-1.5 m (-5 ft)	kg	*13330	*13330	*8650	7390	*6200	4700			*4270	3230 (7.85 (25.8))
	lb	*29390	*29390	*19070	16290	*13670	10360			*9410	7120
-3.0 m (-10 ft)	kg		*8130	7490	*5760	4780					
	lb		*17920	16510	*12700	10540					

5.39 m (17' 8") 2-Piece boom; 2.40 m (7' 10") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg								*3480	*3480	5.19 (17.0)
	lb								*7670	*7670	
7.5 m (25 ft)	kg								*3370	2600	7.00 (23.0)
	lb								*7430	5730	
6.0 m (20 ft)	kg				*3600	3390			*3420	1930	8.04 (26.4)
	lb				*7940	7470			*7540	4250	
4.5 m (15 ft)	kg		*4520	*4520	*3980	3240	*3700	2100	3300	1600	8.64 (28.3)
	lb		*9960	*9960	*8770	7140	*8160	4360	7280	3530	
3.0 m (10 ft)	kg	*10000	8610	*6010	4760	*4660	3020	*4070	2020	3070	1450 (8.91 (29.2))
	lb	*22050	18980	*13250	10490	*10270	6660	*8970	4450	6770	3200
1.5 m (5 ft)	kg		*7490	4300	*5400	2800	3970	1920	3050	1420 (8.87 (29.1))	
	lb		*16510	9480	*11900	6170	8750	4230	6720	3130	
Ground Line	kg	*10060	7490	*8410	4050	5490	2640	*3890	1840	3230	1520 (8.54 (28.0))
	lb	*22180	16510	*18540	8930	12100	5820	*8580	4060	7120	3350
-1.5 m (-5 ft)	kg	*13330	7550	8580	3990	5430	2580			3720	1790 (7.85 (25.8))
	lb	*29390	16640	18920	8800	11970	5690			8200	3950
-3.0 m (-10 ft)	kg		*8130	4070	5510	2660					
	lb		*17920	8970	12150	5860					


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.

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HW210

5.39 m (17' 8") 2-Piece boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg lb									*3060 *6750	*3060 *6750	6.09 (20.0)
7.5 m (25 ft)	kg lb					*3150 *6940	*3150 *6940			*3030 *6680	*3030 *6680	7.65 (25.1)
6.0 m (20 ft)	kg lb					*3090 *6810	*3090 *6810			*3090 *6810	2950 6500	8.60 (28.2)
4.5 m (15 ft)	kg lb			*3820 *8420	*3820 *8420	*3500 *7720	*3500 *7720	*3390 *7470	*3390 *7470	*3200 *7050	2570 5670	9.15 (30.0)
3.0 m (10 ft)	kg lb	*8220 *18120	*8220 *18120	*5300 *11680	*5300 *11680	*4210 *9280	*4210 *9280	*3710 *8180	3570 7870	*3350 *7390	2390 5270	9.40 (30.8)
1.5 m (5 ft)	kg lb	*10330 *22770	*10330 *22770	*6890 *15190	*6890 *15190	*5020 *11070	4930 10870	*4140 *9130	3430 7560	*3530 *7780	2360 5200	9.37 (30.7)
Ground Line	kg lb	*10560 *23280	*10560 *23280	*8020 *17680	7430 16380	*5700 *12570	4720 10410	*4510 *9940	3320 7320	*3730 *8220	2490 5490	9.06 (29.7)
-1.5 m (-5 ft)	kg lb	*13510 *29780	*13510 *29780	*8510 *18760	7280 16050	*6070 *13380	4610 10160	*4670 *10300	3270 7210	*3930 *8660	2820 6220	8.42 (27.6)
-3.0 m (-10 ft)	kg lb	*12660 *27910	*12660 *27910	*8310 *18320	7320 16140	*5940 *13100	4640 10230					

5.39 m (17' 8") 2-Piece boom; 2.92 m (9' 7") arm equipped with 0.80 m³ (SAE heaped) bucket, outrigger down 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 (30 ft)	kg lb									*3060 *6750	*3060 *6750	6.09 (20.0)
7.5 m (25 ft)	kg lb					*3150 *6940	*3150 *6940			*3030 *6680	2200 4850	7.65 (25.1)
6.0 m (20 ft)	kg lb					*3090 *6810	*3090 *6810			*3090 *6810	1670 3680	8.60 (28.2)
4.5 m (15 ft)	kg lb			*3820 *8420	*3820 *8420	*3500 *7720	3290 7250	*3390 *7470	2130 4700	2960 6530	1390 3060	9.15 (30.0)
3.0 m (10 ft)	kg lb	*8220 *18120	*8220 *18120	*5300 *11680	4860 10710	*4210 *9280	3040 6700	*3710 *8180	2010 4430	2770 6110	1260 2780	9.40 (30.8)
1.5 m (5 ft)	kg lb	*10330 *22770	7790 17170	*6890 *15190	4340 9570	*5020 *11070	2780 6130	3940 8690	1890 4170	2740 6040	1230 2710	9.37 (30.7)
Ground Line	kg lb	*10560 *23280	7370 16250	*8020 *17680	4010 8840	5440 11990	2590 5710	3830 8440	1780 3920	2880 6350	1300 2870	9.06 (29.7)
-1.5 m (-5 ft)	kg lb	*13510 *29780	7340 16180	8470 18670	3880 8550	5340 11770	2500 5510	3790 8360	1750 3860	3260 7190	1510 3330	8.42 (27.6)
-3.0 m (-10 ft)	kg lb	*12660 *27910	7480 16490	*8310 *18320	3910 8620	5360 11820	2520 5560					

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.

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	●	
CABIN & 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/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
Four front working lights	●	
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 mirrors	●	
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 12 V 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 (2-way)		●
UNDERCARRIAGE		
Front outrigger and rear blade		●
Front and rear outrigger	●	
Front blade and rear outrigger		●
Tires-dual (10.00-20-16PR tube)		●
Tires-dual (10.00-20 solid)		●
Fenders (Mudguards)		●

STD = Standard
OPT = Optional

- * 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.