STANDARD EQUIPMENT

- ISO Standard cabin
  - All-weather steel cab with 360° visibility
  - Safety glass windows
  - Rise-up type windshield wiper
  - Sliding fold-in front window
  - Sliding side window(LH)
  - Lockable door
  - Hot & cool box
  - Storage compartment & Ashtray
  - Transparent cabin roof-cover
  - Radio / USB Player
  - Handsfree mobile phone system with USB
  - Sun visor
  - 12 volt power outlet (24V DC to 12V DC converter)
- Computer aided power optimization (New CAPO) system
  - 3-power mode, 2-work mode, user mode
  - Auto deceleration & one-touch deceleration system
  - Auto warm-up system
  - Auto overheat prevention system
- Automatic climate control
  - Air conditioner & heater
  - Defroster
- Self-diagnostics system
- Starting Aid (air grid heater) for cold weather
- Centralized monitoring
  - LCD display
  - Engine speed or Trip meter/Accel.
  - Clock
  - Gauges
  - Fuel level gauge
  - Engine coolant temperature gauge
  - Hyd. oil temperature gauge
  - Warnings
  - Check engine
  - Overload
  - Communication error
  - Low battery
  - Air cleaner clogging
  - Indicators
  - Max power
  - Low speed/High speed
  - Fuel warmer
  - Auto idle
- Door and cab locks, one key
- Four outside rearview mirrors
- Adjustable air suspension seat with heater
- Pilot-operated slidable joystick
- Console box height adjust system
- Four front working lights
- Electric horn
- Batteries (2 x 12V x 100 AH)
- Battery master switch
- Removable clean-out screen for cooler
- Automatic swing brake
- Removable reservoir tank
- Fuel pre-filter with fuel warmer (single)
- Boom holding system
- Accumulator for lowering work equipment
- Electric Tranducers
- Viscous fan clutch
- Tires-dual (10.00-20-16PR)
- Travel alarm
- Front outrigger and rear blade

OPTIONAL EQUIPMENT

- Fuel filler pump (50 L/min)
- Beacon lamp
- Safety lock valve for boom cylinder with overload warning device
- Safety lock valve for arm cylinder
- Single-acting piping kit (breaker, etc.)
- Double-acting piping kit (clamshell, etc.)
- Quick coupler
- 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″
- Climate control
  - Air conditioner only
  - Heater only
- Cabin FOPS (ISO 10262 Level II)
  - FOPS (Falling Object Protective Structure)
- Cabin ROPS (ISO 12117-2)
  - ROPS (Roll Over Protective Structure)
- Cabin roof-steel cover
- Cabin guard-Front
  - Wire net
  - Fine net
- Cabin lights
- Cabin front window rain guard
- Undercarriage
  - Front and rear blade
  - Front and rear outrigger (Independent)
  - Front blade and rear outrigger
- Tool kit
- Rearview camera
- Seat
  - Adjustable air suspension seat
  - Mechanical suspension seat
  - Mechanical suspension seat with heater
- Tires - dual (10.00 - 20 solid)
- Fenders (Mudguards)
- Pattern change valve (2 patterns)
- Hi-mate (Remote Management System)
- Travel pedal (2 way)
- Precleaner
- Fuel pre-filter with fuel warmer (dual)

* 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.

HD CONSTRUCTION EQUIPMENT

Head Office(Sales Office)
14F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

2026. FEB

Robex 210 W-9

With Tier 3 Engine installed

HYUNDAI

Pride at Work

Hyundai Heavy Industries strives to build state-of-the art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality.
Take pride in your work with Hyundai!

*Photo may include optional equipment.

Robex 210w-9

Machine Walk-Around

Engine Technology

Proven and reliable, fuel efficient HYUNDAI HE6.7
Electronically controlled for optimum fuel-to-air ratio and clean, efficient combustion
Low noise / Auto engine warm up feature / Anti-restart feature

Hydraulic System Improvements

New patented hydraulic control system for improved controllability / Improved control valve design for added efficiency and smoother operation / New auto boom and swing priority system for optimum speed / New auto power boost feature for additional power when needed / Improved arm-in flow regeneration system for added speed and efficiency

Pump Compartment

Industry-leading, powerful, reliable Kawasaki designed, variable volume tandem axial piston pumps
New compact solenoid block equipped with 4 solenoid valves, 1 EPPR valve, 1 check valve, accumulator and pilot filter - controls, power boost, boom priority, safety lock, arm-in regeneration control, creep, swing logic valve control
Remotely mounted fuel, engine oil and case drain filters for maximum convenience while servicing

Improved Steering Column

Slim-profile steering column capable of telescoping 60 mm and tilting 30 degrees

Carrier

Heavy duty carrier frame with two speed powershift transmission
Heavy duty drive line and axles
Front axle oscillation +/- 7 degrees with ram lock
Wet disc brake (front & rear)
Automatic parking brake - spring applied, hydraulically released

Enhanced Operator Cab

Improved visibility
Enlarged cab with improved visibility / See-through upper skylight for visibility and ventilation
Larger right-side glass, now one piece, for better right visibility
Safety glass windows on all sides - less expensive than (polycarbonate) and won't scratch or fade
Closeable sunshade for operator convenience / Reduced front window seam for improved operator view

Improved Cab Construction
New steel tube construction for added operator safety, protection and durability
New window open/close mechanism designed with cable and spring lift assist and single latch release

Improved Suspension Seat / Console Assembly
Ergonomic joysticks with auxiliary control buttons for attachment use
Heated suspension seat (standard) or optional air ride suspension seat with heater
New joystick consoles - now adjustable in height by way of dial at bottom
Adjustable arm rests - turn dial to raise or lower for optimum comfort

Advanced 7" Color Cluster
New color LCD display with easy-to-read digital gauges for hydraulic oil temperature, water temperature, and fuel Simplified design makes adjustment and diagnostics easier. Also, new enhanced features such as rear-view camera are integrated into monitor.
3 power modes : (P) Power, (S) Standard, (E) Economy, 2 work modes : Dig & Attachment, (U) User mode for operator preference
Enhanced self-diagnostic features with GPS download capability
One pump flow or two pump flow for optional attachment now selectable through the cluster
New anti-theft system with password capability
Boom speed and arm regeneration are selectable through the monitor.
Auto power boost is now available - selectable (on/off) through the monitor.
Powerful air conditioning and heat with auto climate control, 20% more heat and air output than 7A series!
Hi-Mate (Remote Management System) works through GPS/Satellite technology to ultimately provide better customer service and support.

Preference

Operating a 9 Series is unique to every operator. Operators can fully customize their work environment and operating preferences to fit their individual needs.

*Photo may include optional equipment.

Wide Cabin with Excellent Visibility

The newly designed cabin was conceived for more space, a wider field of view and operator comfort. Special attention was given to a clear, open and convenient interior with plenty of visibility on the machine surroundings and the job at hand. This well balanced combination of precision aspects put the operator in the perfect position to work safely and securely.

Operator Comfort

In a 9 series cabin you can easily adjust the seat, console and armrest settings to best suit your preferred comfort level. Seat and console position and height can be set together and independent from each other. Improved steering wheel telescope and tilt functions provide operators improved access. A fully automatic, high capacity airconditioning system maintains a constant preferred temperature. During cold weather conditions, the PTC cab heater provides immediate heat at startup for added operator comfort.

Reduced Stress

Work is stressful enough. Your work environment should be stress free. Hyundai's 9 series provides improved cab amenities, additional space and a comfortable seat to minimize stress to the operator. A powerful climate control system provides the operator with optimum air temperature. An advanced audio system with USB player, AM/FM stereo and MP3 capabilities, plus remotely located controls is perfect for listening to music favorites. Operators can even talk on the phone with the hands-free cell phone feature.

Operator - Friendly Cluster

The advanced new cluster with 7 inch wide color LCD screen and toggle switch allows the operator to select his personal machine preferences. Power and work mode selection, self diagnostics, rear-view camera, maintenance check lists, start-up machine security, and video functions were integrated into the cluster to make the machine more versatile and the operator more productive.

Precision

Innovative hydraulic system technologies make the 9 Series excavator fast, smooth and easy to control.

*Photo may include optional equipment.

Computer Aided Power

The engine horsepower and hydraulic horsepower work together in unison through the advanced CAPO(Computer Aided Power Optimization) system.
This system interfaces with multiple sensors placed throughout the hydraulic system, as well as the electronically controlled engine, to provide the optimum level of engine power and hydraulic flow for the job at hand.
Operators can set their own preferences for boom or swing priority, power mode selection and optional work tools at the touch of a button. The CAPO system also provides complete self diagnostic features and digital gauges for important information like hydraulic oil temperature, water temperature and fuel level.

Power Mode

Three unique power modes provide the operator with custom power, speed and fuel economy.
P (Power Max) mode maximizes machine speed and power for mass production.
S (Standard) mode provides a reduced, fixed rpm for optimum performance and improved fuel economy. For maximum fuel savings and improved control, E (Economy) mode provides precise flow and engine power based on load demand.

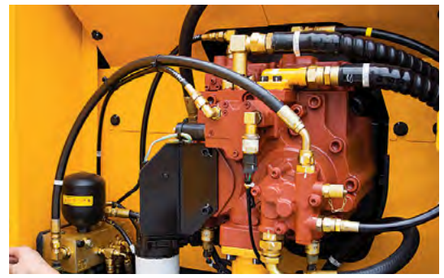
Work Mode

The work mode allows the operator to select single flow attachments like a hydraulic breaker or bi-directional flow attachments like a crusher. Flow settings unique to each attachment can be programmed from within the cluster.

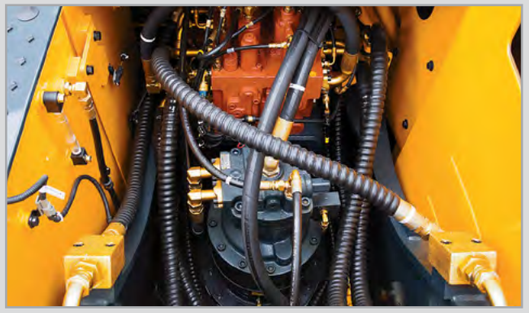
User Mode

Some jobs require more precise machine settings. Using the versatile U (User) mode, the operator can customize engine speed, pump output, idle speed and other machine settings according to personal preferences.

Improved Hydraulic System



To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and improved controllability. Improved pump flow control reduces flow when controls are not being used to minimize fuel consumption.
Improved spool valves in the control valve are engineered to provide more precise flow to each function with less effort.
Improved hydraulic valves, precision-designed variable volume piston pumps, fine-touch pilot controls, and enhanced travel functions make any operator running a 9 series look like a smooth operator. Newly improved features include arm-in and boom-down flow regeneration, improved control valve technology and innovative auto boom and swing priority for optimal performance in any application.



Auto Boom-swing Priority

This smart function automatically and continuously looks for the ideal hydraulic flow balance for the boom and swing functions of the machine. The advanced CAPO system monitors the hydraulic system and adjusts its settings to maximize performance and productivity.

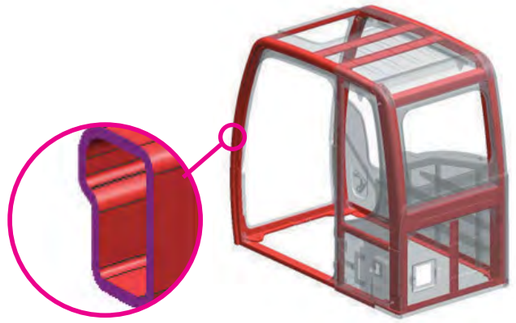
Performance

9 Series is designed for maximum performance to keep the operator working productively.

*Photo may include optional equipment.

Fully Independent Outrigger System

R210W-9 can be equipped with four independent outriggers (front and rear) or two independent outriggers and a dozer blade (front or rear). Each outrigger and the dozer blade are controlled by a switch and the dozer lever.
Each outrigger is equipped with cylinder guards for added protection.



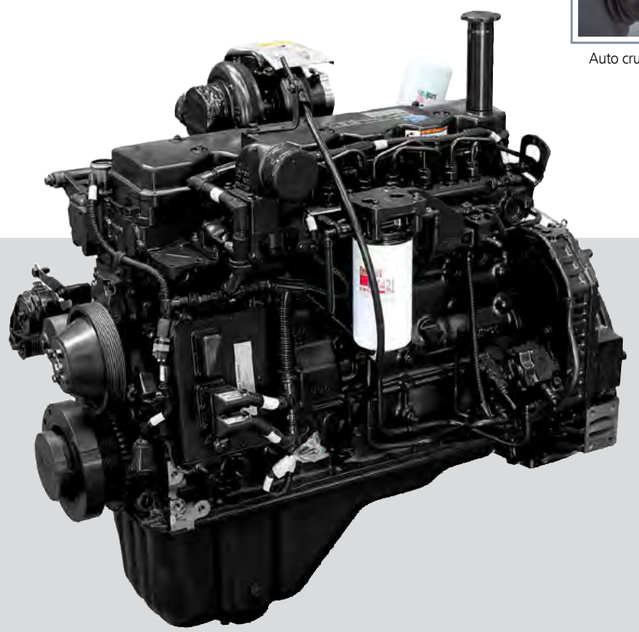
Structural Strength

The 9 series cabin structure has been fitted with stronger but slimmer tubing for more safety an better visibility. Low-stress and high strength steel was integrally welded to form a strong and stable lower frame. Structural durability was evaluated and tested by means of FEM (Finite Elements Method) analysis and long-term durability tests.
The optional ROPS(Roll Over Protective Structure) cab can be equipped to enhance operator safety.

New and Improved Travel System

Auto cruise contol system reduces operator fatigue by maintaining a fixed speed when driving distances.
A new auto ram lock system is available to improve operating safety.
A new creep speed travel system improves maneuverability and fine control.
A new optional forward / reverse travel pedal control allows operators to choose to use the travel pedal control while in work mode or lever control when in travel mode.

Auto cruise control system | Auto ram lock system | Creep speed travel system



HYUNDAI HE6.7 Engine

The Tier III, six cylinder, 4 cycle, turbo-charged, charge air cooled, HYUNDAI HE6.7 engine provides maximum power, reliability, optimum fuel economy, and reduced emissions.
Electronically controlled fuel injection and diagnostic capabilities add to the engines efficiency and serviceability.

Profitability

9 Series is designed to maximize profitability through improved efficiencies, enhanced service features and longer life components.

*Photo may include optional equipment.

Hi-mate (Remote Management System)

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.

Fuel Efficiency

9 series excavators are engineered to be extremely fuel efficient. New innovations like the variable speed fan clutch, overload prevention control, two-stage auto decel system, and the new economy mode, conserve fuel and reduce the impact on the environment.

Easy Access

Ground-line access to filters, lube fittings, fuses, machine computer components and wide open compartments makes service more convenient on the 9S Series.

Long-Life Components

9 series excavators were designed with bushings designed for long-life lube intervals (250 hrs) & polymer shims (wear resistant, noise reducing), long-life hydraulic filters (1,000hrs), long-life hydraulic oil (5,000hrs), more efficient cooling systems and integrated preheating systems which extend service intervals, minimize operating costs and reduce machine down time.

Specifications

ENGINE

MODEL			HYUNDAI HE6.7
Type			Water-cooled, 4-cycle diesel, 6-cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission
Rated flywheel horsepower	SAE	J1995 (gross)	176 HP (131kW) at 1,900 rpm
		J1349 (net)	165 HP (123kW) at 1,900 rpm
	DIN	6271/1 (gross)	178 PS (131kW) at 1,900 rpm
		6271/1 (net)	167 PS (123kW) at 1,900 rpm
Max. torque			82 kgf·m(593 lbf·ft) at 1,400 rpm
Bore X stroke			107 x 124 mm (4.2″ x 4.9″)
Piston displacement			6,700 cc (409 in^3)
Batteries			2 x 12 V x 100 AH
Starting motor			24V-4.5kW
Alternator			24V-90 Amp

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement piston pumps
Rated flow	2 X 228 L /min (60.2 US gpm/50.2 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS	
Travel	Variable displacement bent - axis axial pistons motor
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 : 2-120 x 1,290 mm (4.7″ x 50.8″)
	Arm : 1-140 x 1,510 mm (5.5″ x 59.4″)
	Bucket : 1-bore 120 x 1,055 mm (4.7″ x 41.5″)
	Blade : 2-125 x 222 mm (4.9″ x 8.7″)
	Outrigger : 2-130 x 427 mm (5.1″ x 16.8″)
	2-Piece boom : 2-120 x 1,010 (4.7″ x 39.8″)

DRIVES & BRAKES

4-wheel hydrostatic drive. Constant mesh, helical gear transmission provides 2 forward and reverse travel speeds.

Max. drawbar pull		11,900 kgf (26,240 lbf)
travel speed	1st	9.3 km/h (5.8 mph)
	2nd	35 km/h (21.7 mph)
Gradeability		31.5° (61 %)

Parking brake : Independent dual brake, front and rear axle full hydraulic power brake.
- Spring released and hydraulic applied wet type multiple disk brake.
- Transmission is locked at neutral position for parking, automatically.

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)
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	10.00-20-16PR, Dual(tube type)
(optional)	10.00-20, Dual(solid type)

SWING SYSTEM

Swing motor	Fixed displacement axial pistons motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake(option)	Multi wet disc(pin lock type)
Swing speed	10.3 rpm

STEERING SYSTEM

Hydraulically actuated, orbitrol type steering system actuates on front wheels through the steering cylinders.

Min. turning radius	6,690 mm(21′ 11″)

COOLANT & LUBRICANT CAPACITY

Refilling		liter	US gal	UK gal
Fuel tank		310.0	81.9	68.2
Engine coolant		35.0	9.2	7.7
Engine oil		23.1	6.1	5.1
Swing device - gear oil		5 (6.2)	1.3 (1.6)	1.1 (1.3)
Axle	Front	14.6	3.9	3.2
	Rear	18.5	4.9	4.1
Hydraulic system (including tank)		340.0	89.8	74.8
Hydraulic tank		165.0	43.6	36.3

*( ) : Option

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 dean-up work.
Outrigger	Indicated for max. operation stabillity when digging and lifting. Can be mounted on the front/or the rear.

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,650mm (18′ 6″) mono boom, 2,920mm (9′ 7″) arm, SAE heaped 0.80 m^3 (1.05yd^3) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipments.

MAJOR COMPONENT WEIGHT	
Upperstructure	5,240kg (11,550 lb)
Mono boom(with arm cylinder)	1,790kg (3,950 lb)
Arm(with bucket cylinder)	1,095kg (2,410 lb)

OPERATING WEIGHT	
Front outrigger and rear blade	20,500kg (45,190 lb)
Front and rear outrigger	20,600kg (45,420 lb)
Front blade and rear outrigger	20,600kg (45,420 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 0.75kg refrigerant consisting of a CO_2 equivalent 1.07kg metric tonne.
For more information, Please refer to the manual.

BUCKETS

All buckets are welded with high-strength steel.

0.51 (0.67) | 0.80 (1.05) 0.87 (1.14) 0.92 (1.20) | 1.10 (1.44) 1.20 (1.57) | 1.34 (1.75) | ◈ 0.74 (0.97) ◈ 0.90 (1.18) ◈ 1.05 (1.37) | ⊙ 0.87 (1.14) | ▣ 0.75 (0.98)

SAE heaped m^3 (yd^3)

Capacity m^3 (yd^3)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft·in)					
					5,650 (18′ 6″) Mono Boom			5,390 (17′ 8″) 2-Piece		
SAE heaped	CECE heaped	Without sidecutters	With sidecutters		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
0.51 (0.67)	0.45(0.59)	700(27.6)	820(32.3)	570(1,260)	●	●	●	●	●	●
0.80 (1.05)	0.70(0.92)	1,000(39.4)	1,120(44.1)	700(1,540)	●	●	●	●	●	●
0.87 (1.14)	0.75(0.98)	1,090(42.9)	1,210(47.6)	740(1,630)	●	●	●	●	●	■
0.92 (1.20)	0.80(1.05)	1,150(45.3)	1,270(50.0)	770(1,700)	●	●	■	●	●	■
1.10 (1.44)	0.96(1.26)	1,320(52.0)	1,440(56.7)	830(1,830)	●	■	▲	■	■	▲
1.20 (1.57)	1.00(1.31)	1,400(55.1)	1,520(59.8)	850(1,870)	●	■	-	■	▲	-
1.34 (1.75)	1.15(1.50)	1,550(61.0)	1,670(65.7)	920(2,030)	■	▲	-	▲	-	-
◈0.74 (0.97)	0.65(0.85)	985(38.8)	-	770(1,700)	●	●	●	●	●	●
0.90 (1.18)	0.80(1.05)	1,095(43.1)	-	810(1,790)	●	●	■	●	●	■
1.05 (1.37)	0.92(1.20)	1,290(50.8)	-	890(1,960)	●	■	▲	■	■	▲
⊙0.87 (1.14)	0.75(0.98)	1,140(44.9)	-	900(1,980)	●	●	■	●	●	■
▣0.75 (0.98)	0.65(0.85)	1,790(70.5)	-	880(1,940)	●	●	■	●	●	■

◈ Heavy duty bucket
⊙ Rock-heavy duty bucket
▣ Slope finishing bucket

●: Applicable for materials with density of 2,000 kg /m^3 (3,370 lb/ yd^3) or less
■: Applicable for materials with density of 1,600 kg /m^3 (2,700 lb/ yd^3) or less
▲: Applicable for materials with density of 1,100 kg /m^3 (1,850 lb/ yd^3) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.65m (18′ 6″) mono, 5.39m (17′ 8″) 2-Piece booms and 2,0m (6′ 7″), 2.4m (7′ 10″), 2.92m (9′ 7″) arms.

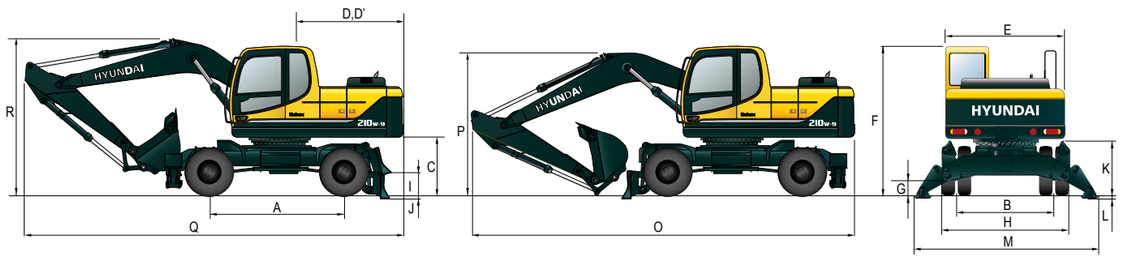
DIGGING FORCE

Arm	Length	mm (ft·in)	2,000 (6′ 7″)	2,400 (7′ 10″)	2,920 (9′ 7″)	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	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	
		lbf	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	
	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	
		kgf	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	
		lbf	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	
		kgf	14,700 [15,960]	12,200 [13,250]	10,400 [11,290]	
		lbf	32,410 [35,190]	26,900 [29,210]	22,930 [24,900]	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	
		kgf	15,400 [16,720]	12,800 [13,900]	10,900 [11,830]	
		lbf	33,950 [36,860]	28,220 [30,640]	24,030 [26,090]	

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

Dimensions & Working Range

R210W-9 MONO BOOM DIMENSIONS



Unit : mm (ft·in)

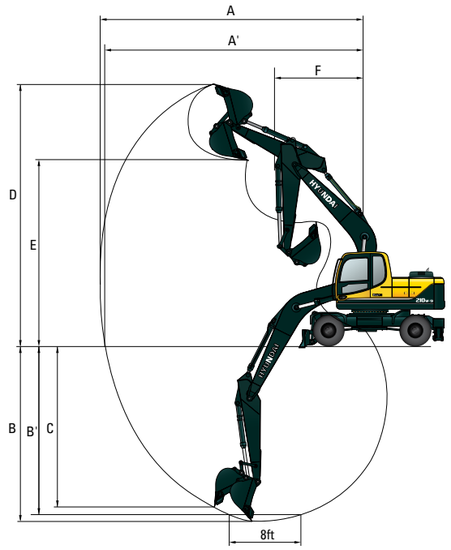
A	Wheel base	2,800 (9′ 2″)
B	Tread	1,874 (6′ 1″)
C	Ground clearance of counterweight	1,295 (4′ 3″)
D	Tail swing radius	2,800 (9′ 2″)
D'	Rear-end length	2,700 (9′ 1″)
E	Overall width of upperstructure	2,530 (8′ 4″)
F	Overall height of cap	3,240 (10′ 8″)
G	Min. ground clearance	345 (1′ 1″)
H	Overall width of lower structure	2,530 (8′ 4″)
I	Ground clearance of blade up	445 (1′ 6″)
J	Depth of blade down	125 (0′ 5″)
	Height of blade	610 (2′ 0″)
	Width of blade	2,490 (8′ 2″)
K	Ground clearance of outrigger up	1,237 (4′ 1″)
L	Depth of outrigger down	70 (0′ 3″)
M	Overall width of outrigger	3,782 (12′ 5″)

Unit : mm (ft·in)

	Boom length	5,650 (18′ 6″) Mono		
	Arm length	2,000 (6′ 7″)	2,400 (7′ 10″)	2,920 (9′ 7″)
O	Shipping length of boom	9,680 (31′ 9″)	9,570 (31′ 5″)	9,500 (31′ 2″)
P	Shipping height of boom	3,350 (10′ 12″)	3,240 (10′ 8″)	3,150 (10′ 4″)
Q	Traveling length of boom	9,630 (31′ 7″)	9,550 (31′ 4″)	9,520 (31′ 3″)
R	Traveling height of boom	3,530 (11′ 7″)	3,460 (11′ 4″)	3,440 (11′ 3″)

R210W-9 MONO BOOM WORKING RANGE

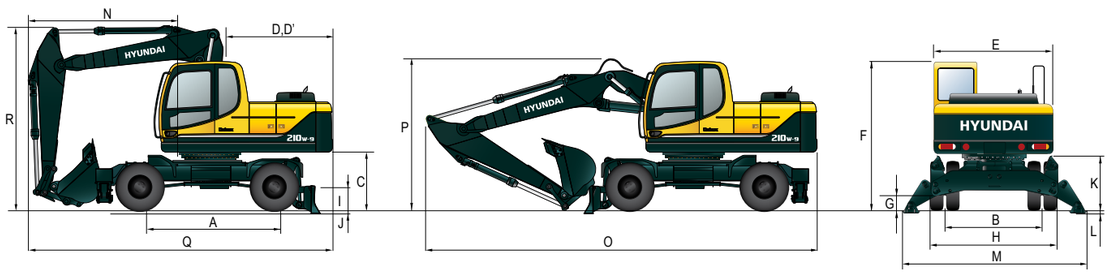
Unit : mm (ft·in)



	Boom length	5,650 (18′ 6″) Mono		
	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. swing radius	3,700 (12′ 2″)	3,620 (11′ 11″)	3,580 (11′ 9″)

Dimensions & Working Range

R210W-9 2-PIECE BOOM DIMENSIONS



Unit : mm (ft·in)

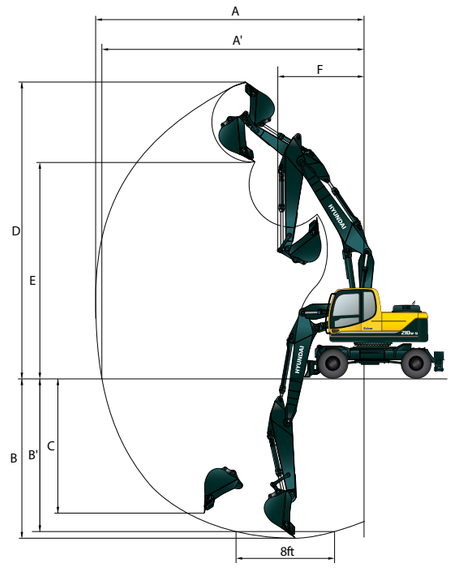
A	Wheel base	2,800 (9′ 2″)
B	Tread	1,874 (6′ 2″)
C	Ground clearance of counterweight	1,295 (4′ 3″)
D	Tail swing radius	2,800 (9′ 2″)
D'	Rear-end length	2,770 (9′ 1″)
E	Overall width of upperstructure	2,530 (8′ 4″)
F	Overall height of cap	3,240 (10′ 8″)
G	Min. ground clearance	345 (1′ 2″)
H	Overall width of lower structure	2,530 (8′ 4″)
I	Ground clearance of blade up	445 (1′ 6″)
J	Depth of blade down	125 (0′ 5″)
	Height of blade	610 (2′ 0″)
	Width of blade	2,490 (8′ 2″)
K	Ground clearance of outrigger up	1,237 (4′ 1″)
L	Depth of outrigger down	70 (0′ 3″)
M	Overall width of outrigger	3,782 (12′ 5″)

Unit : mm (ft·in)

	Boom length	5,390 (17′ 8″) 2-Piece		
	Arm length	2,000 (6′ 7″)	2,400 (7′ 10″)	2,920 (9′ 7″)
N	Front overhang	3,490 (11′ 5″)	3,430 (11′ 3″)	3,410 (11′ 2″) (Bucket less)
O	Shipping length of boom	9,360 (30′ 9″)	9,280 (30′ 5″)	9,150 (30′ 0″)
P	Shipping height of boom	3,090 (10′ 2″)	3,050 (10′ 0″)	3,310 (10′ 10″)
Q	Traveling length of boom	7,180 (23′ 7″)	7,130 (23′ 5″)	7,090 (23′ 3″) (Bucket less)
R	Traveling height of boom	4,000 (13′ 1″)	4,000 (13′ 1″)	4,000 (13′ 1″) (Bucket less)

R210W-9 2-PIECE BOOM WORKING RANGE

Unit : mm (ft·in)



	Boom length	5,390 (17′ 8″) 2-Piece		
	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″)	9080 (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

R210W-9 MONO BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.65 m (18′ 6″) / Arm : 2.00 m (7′ 87″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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									*4140	*4140	6.85
(25 ft)	lb									*9130	*9130	(22.5)
6.0 m	kg					*4600	*4600			*4220	3170	7.89
(20 ft)	lb					*10140	*10140			*9300	6990	(25.9)
4.5 m	kg	*8940	*8940	*6120	*6120	*5110	4940			*4360	2710	8.48
(15 ft)	lb	*19710	*19710	*13490	*13490	*11270	10890			*9610	5970	(27.8)
3.0m	kg			*7930	7390	*5910	4680	*5040	3240	*4540	2520	8.73
(10 ft)	lb			*17480	16290	*13030	10320	*11110	7140	*10010	5560	(28.6)
1.5 m	kg			*9390	6940	*6680	4460	*5400	3140	*4730	2500	8.67
(5 ft)	lb			*20700	15300	*14730	9830	*11900	6920	*10430	5510	(28.4)
Ground	kg			*9970	6770	*7150	4330			*4930	2680	8.30
Line	lb			*21980	14930	*15760	9550			*10870	5910	(27.2)
-1.5 m	kg	*14180	*14180	*9800	6770	*7140	4300			*5080	3140	7.57
(-5 ft)	lb	*31260	*31260	*21610	14930	*15740	9480			*11200	6920	(24.8)
-3.0 m	kg	*12450	*12450	*8810	6910					*4960	4320	6.30
(-10 ft)	lb	*27450	*27450	*19420	15230					*10930	9520	(20.7)

Boom : 5.65 m (18′ 6″) / Arm : 2.00 m (7′ 87″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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									*4140	2490	6.85
(25 ft)	lb									*9130	5490	(22.5)
6.0 m	kg					*4600	3060			3630	1820	7.89
(20 ft)	lb					* 10140	6750			8000	4010	(25.9)
4.5 m	kg	*8940	8790	*6120	4680	*5110	2910			3130	1500	8.48
(15 ft)	lb	*19710	19380	*13490	10320	*11270	6420			6900	3310	(27.8)
3.0m	kg			*7930	4150	5380	2680	3730	1800	2920	1360	8.73
(10 ft)	lb			*17480	9150	11860	5910	8220	3970	6440	3000	(28.6)
1.5 m	kg			8070	3770	5150	2480	3630	1710	2900	1340	8.67
(5 ft)	lb			17790	8310	11350	5470	8000	3770	6390	2950	(28.4)
Ground	kg			7890	3620	5010	2360			3100	1440	8.30
Line	lb			17390	7980	11050	5200			6830	3170	(27.2)
-1.5 m	kg	*14180	6960	7890	3620	4990	2340			3630	1730	7.57
(-5 ft)	lb	*31260	15340	17390	7980	11000	5160			8000	3810	(24.8)
-3.0 m	kg	*12450	7160	8030	3740					*4960	2460	6.30
(-10 ft)	lb	*27450	15790	17700	8250					*10930	5420	(20.7)

1. Lifting capacity is based on ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.

Lifting Capacity

R210W-9 MONO BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.65 m (18′ 6″) / Arm : 2.40 m (9′ 44″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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											*3810	3690	7.34
(25 ft)	lb											*8410	8140	(24.1)
6.0 m	kg							*4150	*4150			*3910	2890	8.31
(20 ft)	lb							*9150	*9150			*8620	6370	(27.3)
4.5 m	kg					*5500	*5500	*4710	*4710	*4390	3350	*4050	2500	8.87
(15 ft)	lb					*12130	*12130	*10380	*10380	*9680	7390	*8930	5510	(29.1)
3.0m	kg					*7330	*7330	*5550	4700	*4760	3230	*4230	2320	9.10
(10 ft)	lb					*16160	*16160	*12240	10360	*10490	7120	*9330	5110	(29.9)
1.5 m	kg					*8950	6970	*6390	4450	*5180	3110	*4430	2300	9.05
(5 ft)	lb					*19730	15370	*14090	9810	*11420	6860	*9770	5070	(29.7)
Ground	kg			*9840	*9840	*9780	6720	*6980	4290	*5480	3030	*4640	2440	8.70
Line	lb			*21690	*21690	*21560	14820	*15390	9460	*12080	6680	*10230	5380	(28.5)
-1.5 m	kg	*10680	*10680	*14730	14050	*9850	6680	*7130	4230			*4830	2820	8.00
(-5 ft)	lb	*23550	*23550	*32470	30970	*21720	14730	*15720	9330			*10650	6220	(26.2)
-3.0 m	kg	*15190	*15190	*13270	*13270	*9140	6780	*6600	4300			*4870	3730	6.84
(-10 ft)	lb	*33490	*33490	*29260	*29260	*20150	14950	*14550	9480			*10740	8220	(22.4)
-4.5 m	kg			* 10270	*10270	*7070	*7070							
(-15 ft)	lb			*22640	*22640	*15590	*15590							

Boom : 5.65 m (18′ 6″) / Arm : 2.40 m (9′ 44″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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											*3810	2180	7.34
(25 ft)	lb											*8400	4810	(24.1)
6.0 m	kg							*4150	3110			3310	1630	8.31
(20 ft)	lb							*9150	6860			7300	3590	(27.3)
4.5 m	kg					*5500	4770	*4710	2930	3840	1900	2890	1350	8.87
(15 ft)	lb					*12130	10520	*10380	6460	8470	4190	6370	2980	(29.1)
3.0m	kg					*7330	4220	5400	2690	3730	1800	2700	1220	9.10
(10 ft)	lb					*16160	9300	11900	5930	8220	3970	5950	2690	(29.9)
1.5 m	kg					8100	3780	5140	2470	3600	1690	2680	1200	9.05
(5 ft)	lb					17860	8330	11330	5450	7940	3730	5910	2650	(29.7)
Ground	kg			*9840	6700	7850	3570	4970	2320	3520	1610	2840	1280	8.70
Line	lb			*21690	14770	17310	7870	10960	5110	7760	3550	6260	2820	(28.5)
-1.5 m	kg	*10680	*10680	*14730	6770	7800	3530	4920	2270			3270	1520	8.00
(-5 ft)	lb	*23550	*23550	*32470	14930	17200	7780	10850	5000			7210	3350	(26.2)
-3.0 m	kg	*15190	*15190	*13270	6960	7900	3620	4990	2330			4290	2080	6.84
(-10 ft)	lb	*33490	*33490	*29260	15340	17420	7980	11100	5140			9460	4590	(22.4)
-4.5 m	kg			*10270	7350	*7070	3880							
(-15 ft)	lb			*22640	16200	*15590	8550							

1. Lifting capacity is based on ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.

Lifting Capacity

R210W-9 MONO BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.65 m (18′ 6″) / Arm : 2.92 m (9′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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	kg											*3410	*3410	6.52
(30 ft)	lb											*7520	*7520	(21.4)
7.5 m	kg											*3470	3210	7. 96
(25 ft)	lb											*7650	7080	(26.1)
6.0 m	kg									*2690	*2690	*3580	2580	8.85
(20 ft)	lb									*5930	*5930	*7890	5690	(29.0)
4.5 m	kg							*4210	*4210	*3980	3380	*3720	2250	9.37
(15 ft)	lb							*9280	*9280	*8770	7450	*8200	4960	(30.7)
3.0m	kg			*10720	*10720	*6550	*6550	*5090	4750	*4410	3250	*3890	2090	9.59
(10 ft)	lb			*23630	*23630	*14440	*14440	*11220	10470	*9720	7170	*8580	4610	(31.5)
1.5 m	kg			*8900	*8900	*8350	7040	*6020	4460	*4900	3100	*4080	2070	9.54
(5 ft)	lb			* 19620	*19620	*18410	15520	*13270	9830	*10800	6830	*8990	4560	(31.3)
Ground	kg			*10210	*10210	*9470	6700	*6730	4260	*5300	2990	*4290	2180	9.21
Line	lb			*22510	*22510	*20880	14770	*14840	9390	11680	6590	*9460	4810	(30.2)
-1.5 m	kg	*9470	*9470	*13480	*13480	*9820	6590	*7060	4160	*5440	2950	*4500	2470	8.56
(-5 ft)	lb	*20880	*20880	*29720	*29720	*21650	14530	*15560	9170	*11990	6500	*9920	5450	(28.1)
-3.0 m	kg	*12940	*12940	*14070	14020	*9430	6640	*6830	4190			*4640	3130	7.50
(-10 ft)	lb	*28530	*28530	*31020	30910	*20790	14640	*15060	9240			*10230	6900	(24.6)
-4.5 m	kg			*11670	*11670	*7990	6850							
(-15 ft)	lb			*25730	*25730	*17610	15100							

Boom : 5.65 m (18′ 6″) / Arm : 2.92 m (9′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear 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	kg											*3410	2840	6.52
(30 ft)	lb											*7520	6260	(21.4)
7.5 m	kg											*3470	1870	7.96
(25 ft)	lb											*7650	4120	(26.1)
6.0 m	kg									*2690	2010	2970	1420	8.85
(20 ft)	lb									*5930	4430	6550	3130	(29.0)
4.5 m	kg							*4210	2990	3880	1930	2610	1190	9.37
(15 ft)	lb							*9280	6590	8550	4250	5750	2620	(30.7)
3.0m	kg			*10720	7970	*6550	4340	*5090	2730	3740	1810	2450	1070	9.59
(10 ft)	lb			*23630	17570	*14440	9570	* 11220	6020	8250	3990	5400	2360	(31.5)
1.5 m	kg			*8900	6830	8180	3840	5160	2470	3590	1670	2420	1040	9.54
(5 ft)	lb			* 19620	15060	18030	8470	11380	5450	7910	3680	5340	2290	(31.3)
Ground	kg			*10210	6570	7830	3550	4950	2290	3480	1570	2550	1100	9.21
Line	lb			*22510	14480	17260	7830	10910	5050	7670	3460	5620	2430	(30.2)
-1.5 m	kg	*9470	*9470	*13480	6590	7710	3450	4850	2200	3440	1530	2880	1290	8.56
(-5 ft)	lb	*20880	*20880	*29720	14530	17000	7610	10690	4850	7580	3370	6350	2840	(28.1)
-3.0 m	kg	*12940	*12940	*14070	6740	7760	3490	4870	2220			3630	1700	7.50
(-10 ft)	lb	*28530	*28530	*31020	14860	17110	7690	10740	4890			8000	3750	(24.6)
-4.5 m	kg			*11670	7050	7980	3670							
(-15 ft)	lb			*25730	15540	17590	8090							

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2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.

Lifting Capacity

R210W-9 2-PIECE BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.39 m (17′ 8″) / Arm : 2.00 m (6′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade down

Load point height m (ft)										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									*3960	*3960	4.40
(30 ft)	lb									*8730	*8730	(14.4)
7.5 m	kg			*4030	*4030					*3720	*3720	6.49
(25 ft)	lb			*8880	*8880					*8200	*8200	(21.3)
6.0 m	kg			*4120	*4120	*4050	*4050			*3750	3420	7.62
(20 ft)	lb			*9080	*9080	*8930	*8930			*8270	7540	(25.0)
4.5 m	kg	*6900	*6900	*5070	*5070	*4370	*4370			*3860	2900	8.25
(15 ft)	lb	*15210	*15210	*11180	*11180	*9630	*9630			*8510	6390	(27.1)
3.0m	kg			*6560	*6506	*5010	4810	*4390	3300	*4020	2670	8.53
(10 ft)	lb			*14460	*14460	*11050	10600	*9680	7280	*8860	5890	(28.0)
1.5 m	kg			*7940	7160	*5710	4580	*4690	3210	*4210	2650	8.50
(5 ft)	lb			*17500	15790	*12590	10100	*10340	7080	*9280	5840	(27.9)
Ground	kg			*8670	6940	*6200	4440			*4410	2830	8.14
Line	lb			*19110	15300	*13670	9790			*9720	6240	(26.7)
-1.5 m	kg	*13040	*13040	*8710	6920	*6290	4410			0	0	0.00
(-5 ft)	lb	*28750	*28750	*19200	15260	*13870	9720			0	0	(0.0)

Boom : 5.39 m (17′ 8″) / Arm : 2.00 m (6′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade up

Load point height m (ft)										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									*3940	*3940	4.39
(30 ft)	lb									*8690	*8690	(14.4)
7.5 m	kg			*4030	*4030					*3710	2780	6.49
(25 ft)	lb			*8880	*8880					*8180	6130	(21.3)
6.0 m	kg			*4120	*4120	*4050	3090			*3740	1990	7.61
(20 ft)	lb			*9080	*9080	*8930	6810			*8250	4390	(25.0)
4.5 m	kg	*6900	*6900	*5070	4830	*4370	2970			3340	1620	8.25
(15 ft)	lb	*15210	*15210	*11180	10650	*9630	6550			7360	3570	(27.1)
3.0m	kg			*6560	4330	*5010	2770	3800	1840	3090	1460	8.53
(10 ft)	lb			*14460	9550	*11050	6110	8380	4060	6810	3220	(28.0)
1.5 m	kg			*7940	3920	5280	2570	3710	1760	3070	1430	8.49
(5 ft)	lb			*17500	8640	11640	5670	8180	3880	6770	3150	(27.9)
Ground	kg			8080	3730	5130	2440			3280	1540	8. 13
Line	lb			17810	8220	11310	5380			7230	3400	(26.7)
-1.5 m	kg	*13040	7070	8060	3710	5100	2410			0	0	0.00
(-5 ft)	lb	*28750	15590	17770	8180	11240	5310			0	0	(0.0)

1. Lifting capacity is based on ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.

Lifting Capacity

R210W-9 2-PIECE BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.39 m (17′ 8″) / Arm : 2.40 m (7′ 10″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade down

Load point height m (ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		At max. reach Capacity		At max. reach Reach
												m (ft)
9.0 m	kg									*3520	*3520	5.19
(30 ft)	lb									*7760	*7760	(17.0)
7.5 m	kg									*3410	*3410	7.00
(25 ft)	lb									*7520	*7520	(23.0)
6.0 m	kg					*3640	*3640			*3460	3100	8.04
(20 ft)	lb					*8020	*8020			*7630	6830	(26.4)
4.5 m	kg			*4570	*4570	*4020	*4020	*3750	3390	*3580	2660	8.64
(15 ft)	lb			*10080	*10080	*8860	*8860	*8270	7470	*7890	5860	(28.3)
3.0m	kg	*10040	*10040	*6050	*6050	*4700	*4700	*4110	3300	*3740	2460	8.91
(10 ft)	lb	*22130	*22130	*13340	*13340	*10360	*10360	*9060	7280	*8250	5420	(29.2)
1.5 m	kg			*7530	7200	*5450	4580	*4480	3190	*3930	2440	8.87
(5 ft)	lb			*16600	15870	*12020	10100	*9880	7030	*8660	5380	(29.1)
Ground	kg	*10010	*10010	*8450	6910	*6020	4400	*4760	3110	*4130	2590	8.54
Line	lb	*22070	*22070	*18630	15203	*13270	9700	*10490	6860	*9110	5710	(28.0)
-1.5 m	kg	*13380	*13380	*8690	6830	*6250	4340			*4320	2990	7.85
(-5 ft)	lb	*29500	*29500	*19160	15060	*13708	9570			*9520	6590	(25.8)
-3.0 m	kg			*8180	6930	*5800	4420					
(-10 ft)	lb			*18030	15280	*12790	9740					

Boom : 5.39 m (17′ 8″) / Arm : 2.40 m (7′ 10″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade up

Load point height m (ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		At max. reach Capacity		At max. reach Reach
												m (ft)
9.0 m	kg									*3520	*3520	5.19
(30 ft)	lb									*7760	*7760	(17.0)
7.5 m	kg									*3410	2410	7.00
(25 ft)	lb									*7520	5310	(23.0)
6.0 m	kg					*3640	3150			*3460	1770	8.04
(20 ft)	lb					*8020	6940			*7630	3900	(26.4)
4.5 m	kg			*4570	*4570	*4020	3000	*3750	1930	3070	1460	8.64
(15 ft)	lb			*10080	*10080	*8860	6610	*8270	4250	6770	3220	(28.3)
3.0m	kg	*10040	7960	*6050	4400	*4700	2780	3800	1840	2850	1320	8.91
(10 ft)	lb	*22130	17550	*13340	9700	*10360	6130	8380	4060	6280	2910	(29.2)
1.5 m	kg			*7530	3940	5280	2550	3690	1740	2830	1290	8.87
(5 ft)	lb			*16600	8690	11640	5620	8140	3840	6240	2840	(29.1)
Ground	kg	*10010	6840	8050	3700	5100	2400	3610	1670	3000	1370	8.54
Line	lb	*22070	15080	17750	8160	11240	5290	7960	3680	6610	3020	(28.0)
-1.5 m	kg	*13380	6900	7970	3630	5040	2340			3460	1630	7.85
(-5 ft)	lb	*29500	15210	17570	8000	11110	5160			7630	3590	(25.8)
-3.0 m	kg			8070	3710	5120	2420					
(-10 ft)	lb			17790	8180	11290	5340					

1. Lifting capacity is based on ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.

Lifting Capacity

R210W-9 2-PIECE BOOM

Rating over-front Rating over-side or 360 degree

Boom : 5.39 m (17′ 8″) / Arm : 2.92 m (9′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade down

Load point height m (ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		At max. reach Capacity		At max. reach Reach
												m (ft)
9.0 m	kg									*3130	*3130	6.09
(30 ft)	lb									*6900	*6900	(20.0)
7.5 m	kg					*3210	*3210			*3090	*3090	7.65
(25 ft)	lb					*7080	*7080			*6810	*6810	(25.1)
6.0 m	kg					*3150	*3150			*3160	2760	8.60
(20 ft)	lb					*6940	*6940			*6970	6080	(28.2)
4.5 m	kg			*3880	*3880	*3570	*3570	*3450	3440	*3270	2390	9.15
(15 ft)	lb			*8550	*8550	*7870	*7870	*7610	7580	*7210	5270	(30.0)
3.0m	kg	*8290	*8290	*5370	*5370	*4280	*4280	*3780	3320	*3420	2220	9.40
(10 ft)	lb	*18280	*18280	* 11840	* 11840	*9440	*9440	*8330	7320	*7540	4890	(30.8)
1.5 m	kg	*10280	*10280	*6960	*6960	*5090	4590	*4200	3180	*3600	2190	9.37
(5 ft)	lb	*22660	*22660	*15340	*15340	* 11220	10120	*9260	7010	*7940	4830	(30.7)
Ground	kg	* 10510	*10510	*8100	6900	*5770	4380	*4580	3070	*3800	2310	9.06
Line	lb	*23170	*23170	*17860	15210	*12720	9660	*10100	6770	*8380	5090	(29.7)
-1.5 m	kg	*13600	*13600	*8590	6750	*6140	4280	*4730	3030	*3990	2620	8.42
(-5 ft)	lb	*29980	*29980	*18940	14880	*13540	9440	*10430	6680	*8800	5780	(27.6)
-3.0 m	kg	*12740	*12740	*8380	6790	*6010	4300					
(-10 ft)	lb	*28090	*28090	*18470	14970	*13250	9480					

Boom : 5.39 m (17′ 8″) / Arm : 2.92 m (9′ 7″) / Bucket : 0.80 m³ (1.05 yd³) SAE heaped / Front outrigger and rear dozer blade up

Load point height m (ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		At max. reach Capacity		At max. reach Reach
												m (ft)
9.0 m	kg									*3130	*3130	6.09
(30 ft)	lb									*6900	*6900	(20.0)
7.5 m	kg					*3210	*3210			*3090	2040	7.65
(25 ft)	lb					*7080	*7080			*6810	4500	(25.1)
6.0 m	kg					*3150	*3150			*3160	1540	8.60
(20 ft)	lb					*6940	*6940			*6970	3400	(28.2)
4.5 m	kg			*3880	*3880	*3570	3060	*3450	1970	2770	1280	9. 15
(15 ft)	lb			*8550	*8550	*7870	6750	*7610	4340	6110	2820	(30.0)
3.0m	kg	*8290	*8290	*5370	4530	*4280	2820	*3780	1860	2590	1150	9.40
(10 ft)	lb	*18280	*18280	*11840	9990	*9440	6220	*8330	4100	5710	2540	(30.8)
1.5 m	kg	*10280	7190	*6960	4010	*5090	2560	3680	1730	2560	1120	9. 7
(5 ft)	lb	*22660	15850	*15340	8840	*11220	5640	8110	3810	5640	2470	(30.7)
Ground	kg	*10510	6780	8040	3680	5080	2370	3570	1630	2690	1190	9.06
Line	lb	*23170	14950	17730	8110	11200	5220	7870	3590	5930	2620	(29.7)
-1.5 m	kg	*13600	6740	7890	3560	4970	2280	3530	1590	3040	1380	8.42
(-5 ft)	lb	*29980	14860	17390	7850	10960	5030	7780	3510	6700	3040	(27.6)
-3.0 m	kg	*12740	6880	7930	3590	4990	2300					
(-10 ft)	lb	*28090	15170	17480	7910	11000	5070					

1. Lifting capacity is based on ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the 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 the load limited by hydraulic capacity.