Robex 170w-9 With Tier 3 Engine installed

PLEASE CONTACT

HE VY INL STRIES CO., LTD. **CONSTRUCTION EQUIPMENT**

H. Joffice (Sales Office) 1 JEONHA-DONG, DONG-GU, ULSAN, KOREA TEL: (82) 52-202-7970, 7729, 0971 FAX: (82) 52-202-7979, 7720 U.S. Operation: Hyundai Construction Equipment Americas, Inc. 955 ESTES AVENUE, ELK GROVE VILLAGE, IL. 60007, U.S.A. TEL: (1) 847-437-3333 FAX: (1) 847-437-3574

European Operation: Hyundai Heavy Industries Europe N.V. VOSSENDAAL 11, 2440 GEEL, BELGIUM TEL: (32) 14-56-2200 FAX: (32) 14-59-3405

India Operation: Hyundai Construction Equipment India Pvt., Ltd. PLOT NO.A-2, CHAKAN INDUSTRIAL AREA, VILL- KHALUMBRE. TALUK- KHED., DIST.- PUNE 410 501, INDIA TEL: (91) 21-3530-1700 FAX: (91) 21-3530-1712

www.hyundai-ce.com

2010. 04 Rev. 0





Pride at Work

HYUNDAI

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!

Carrier

Heavy duty carrie mane when we cared powershift transmission Heavy duty dri line and a les Front axle oscilation +/- 7 cogrees with ram lock Wet disc brake with no dir sing effect (front & rear) Automatic parking brake - spring applied, hydraulically released

Epr. ____Technology

Proven an eliable, fuel efficient Cummins Tier III QSB6.7 engine Elected for optimum fuel-to-air ratio and clean, efficient combustion Low noise / Auto engine overheat 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 in-line axial piston pumps New compact solenoid block equipped with 3 solenoid valves, 2 EPPR valves, 1 check valve accumulator and pilot filter controls 2 speed travel, power boost, boom priority, safety lock, arm-in regeneration control, 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

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. Now with new sleek styling Heated suspension (standard) or optional air ride suspension with heat 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.

Brites: 170w-9

Machine Walk-Around

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.

Same Mart

Photo may include optional equipment.

Operator Comfort

independent from each other. Improved steering week vescope and tilt functions provide operators improved access. A fully automatic, high pacity conditioning system maintains a constant preferred temperature. During cold weather conditions, the PTC cab heater provides immediate Lat a tarty for added operator comfort.

Reduced Stress

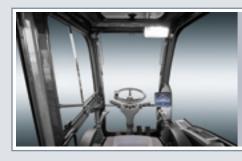
HYUNDAI

Work is stressful enoug improved cab amergies, a control space and a comfortable seat to minimize stress to the operator. A point full sumate control system provides the operator with optimum air temperature. An advanced autor system of CD player, AM/FM stereo and MP3 capabilities, plus remotely located corrols is profect for listening to music favorites. Operators can even talk on the phone with the ha. 's-free cell phone feature.



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, optional 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.







The newly a graned call was conceived for more space, a wider field of view and operator comfor Special attention was given to a clear, open and convenient interior with plenty of visitality 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 - Friendly Cluster

Precision

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

Robex

HYUNDAI

Computer Aided Power

The engine horsepower and hy raulic responser work together in unison through the advanced CAPO(Computer Aided Power Optimization) sys This system interfaces y much le servors placed throughout the hydraulic system as well as the electronically controlled engine to pyvide the optimum level of engine power and hydraulic flow for the job at hand. Operators can set their wyn prefinences for boom or swing priority, power mode selection and optional work tools at the touch of a button. The SAFD system also provides complete self diagnostic features and digital gauges for important information like hydraulic oil temperature, water temperatures and fuel level.

Pow r Mode

Work Mode

User Mode

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.

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.

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



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.







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.

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

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.



Fully Independent Outrigger System

R170W-9 can be equipped with four independent outriggers (cont a.) rear) or two independent outriggers and a dozer blade (front or real Each outrigger and the dozer blade are controlled by a control and the dozer lever. Each outrigger is equipped with cylinder guards for an ded projection.

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.

A CC A to CC Th C



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.

CUMMINS QSB 6.7 Engine

The Tier III, six cylinder, 4 cycle, turbo-charged, charge air cooled, Cummins QSB 6.7 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.



Profitable

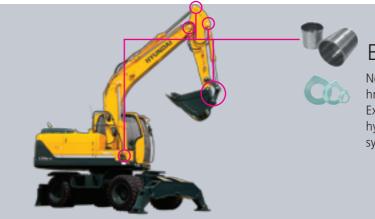
9 series is designed to maximize profitability through improved efficiencies, enhanced service features and longer life components.



li-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. Hi-mate saves time and money for the owner and dealer by promoting preventative maintenance and reducing the need for multiple service calls.

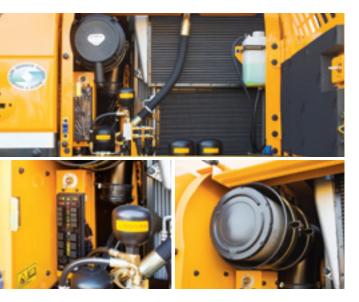
G





Fuel Efficient

9 series excavators are engineered to be extremely fuel efficient. New innovations like the variable speed fan clutch, overload prevention control, three-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 9 series.

Extended Life Components

New long-life bushings are designed for extended lube intervals (250 hrs). Wear-resistant polymer shims reduce noise and wear of bushings Extended-life hydraulic filters last up to 1,000 hrs and new long-life hydraulic oil need only be changed every 5,000 hrs. Improved cooling system components for better efficiency and longer service life.

Specifications

ENGINE

MODEL			Cummins QSB 6.7	
Туре			Water-cooled, 4-cycle diesel,	
			6-cylinder in-line, Direct injection,	
			Turbocharged, Charge air cooled,	
			Low emission	
Rated	SAE	J1995 (gross)	163 HP (122kW) at 2,100 rpm	
flywheel horsepower		J1349 (net)	153 HP (114kW) at 2,100 rpm	
	DIN	6271/1 (gross)	165 PS (122kW) at 2,100 rpm	
		6271/1 (net)	155 PS (114kW) at 2,100 rpm	
Max. torque			74.7 kgf·m(540 lbf·ft) at 1,400 rpm	
Bore X stroke			107 x 124 mm (4.21" x 4.88")	
Piston displace	ment		6,700 cc (409 in³)	
Batteries			2 x 12 V x 100 AH	
Starting motor	r		24V-4.5kW	
Alternator			24V-70 Amp	

HYDRAULIC SYSTEM

MAIN PUMP			
Туре	Two variable displacement piston pumps		
Rated flow	2 X 168 L /min (44.5 US gpm/37 UK gpm)		
Sub-pump for pilot circuit	Gear pump		
Cross-sensing and fuel saving pump	system		
HYDRAULIC MOTORS			
Travel	Two-speed axial pistons motor		
liavei	with brake valve and parking brake		
Swing	Axial piston motor with automatic brake		
RELIEF VALVE SETTING			
Implement circuits	350 kgf/cm ² (4,970 psi)		
Travel	380 kgf/cm ² (5,400 psi)		
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,400 psi)		
Swing circuit	285 kgf/cm ² (4,050 psi)		
Pilot circuit	40 kgf/cm ² (570 psi) Installed		
Service valve			
HYDRAULIC CYLINDERS			
	Boom : 2-115 x 1090 mm (4.5" x 42.9")		
	Arm : 1-120 x 1355 mm (4.7" x 53.3")		
No. of a diaday	Bucket : 1-110 x 995 mm (4.3" x 39.2")		
No. of cylinder bore X stroke	Blade : 2-110 x 235 mm (4.3" x 9.3")		
DOLE V STLOKE	Outrigger : 2-125 x 475 mm (4.9" x 18.7")		
	2-PCS boom : 2-115 x 960 mm (4.1" x 37.8")		
	Adjust(boom) : 1-160 x 650 mm (6.3" x 25.6")		

DRIVES & BRAKES

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

Max. drawbar pull		8,500 kgf (18,740 lbf)
Travel speed	1st	10 km/h
	2nd	36 km/h
Gradeability		35°(70 %)
Barking brake Linden	ondont dual brak	front and roar avia full hydraulic nowar brake

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 lev				
	(LH): Swing and arm, (RH): Boom and	bu	(ISO)		
Engine throttle	Electric, Dial type				
Lights	Two lights mounted on the boom, one una				
Lights	the battery box and one under the cabin				

AXLE & WHEEL

Full floating front axle is supported by center pin for ocillation. It can be locked by ocillation lock cylinders. Rear axle is fixed on the lower chassis.

Tires	10.00-20-14PR, Dual(tube type)
(optional)	10.00-20, Dual(solid type)

SWING SYSTEM

Swing motor	Two 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	11 rpm

STEERING SYSTEM

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

	Min. turning radius	6,300 mm(20' 8")
--	---------------------	------------------

COOLANT & LUBRICANT CAPACITY

Re-filling		liter	US gal	UK gal
Fuel tank		270	71.3	59.4
Engine co	olant	19.5	5.2	4.3
Engine oil		24	6.3	5.3
Swing device - gear oil		2.5	0.7	0.5
Axle	Front	15.5	4.1	3.4
Axie	Rear	20.1	5.3	4.4
Hydraulic system (including tank)		210	55.5	46.2
Hydraulic	tank	124	32.8	27.3

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			
Dozer blade	or clean-up work.			
Outrigger	Indicated for max. operation stabillit	en digging		
Outrigger	and lifting. Can be mounted on the from	the rear.		

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,100mm (16' 9") Mono boom, _,200mm, ' 3") and SAE heaped 0.76m³ (0.99yd³) backhoe bucket, Correations cool JII fuel tank, hydraulic tank and the standard equipment. MAJOR COMPONENT WEIGHT

Upperstructure	4 JUKg 1,120.	
Counterweight	550kg (5,lb)	
Mono boom(with arm cylinde	1, 10kg (2,730-16)	
Hydraulic adjustable boom	1,780k (3,920 lb)	
(with adjust cylinder and an cylinder,		
Undercarriage	Mono boom Hyd. adjustable boo	m
Rear dozer auc	17,300 (38,140) 17,770 (39,180)	
Rear over ger	17,450 (38,470) 17,920 (39,510)	
Front out, her and reblade	18,420 (40,610) 18,890 (41,650)	
t blade a. en utrigger	18,360 (40,480) 18,830 (41,510)	
Four rigger	18,600 (41,010) 19,070 (42,040)	

BUCKETS

All buckets are welded with high-strength steel.

0.39 (0.5	51)	0.50 (0.65)	0.64 (0	6 (0.9	99) 0.8	9 (1.16)	1.05 (1.37)	• 0.69 (0.90)
AE heaped m	1³ (yd³)								
Capa	acity	Wi	dth			Re	commendation m (ft	in)	
m³ (-		i (in)	Weight	5,	100 (16' 9") Mono Boo	om	5,100 (16' 1") Hydra	ulic Adjustable Boo
SAE	CECE	Without	1	kg (lb)					-
heaped	heaped	sidecutters	ecutto		2,200 (7' 3") Arm	2,600 (8' 6") Arm	3,100 (10' 2") Arm	2,200 (7' 3") Arm	2,600 (8' 6") Arm
0.39 (0.51)	0.34(0.44)	620(<mark>2 1)</mark>	(1. د. ۲	10(900)	•	•	•	•	•
0.50 (0.65)	0.44(0.58)	760(2,	880(34-6)	470(1040)	•	•		•	•
0.64 (0.84)	0.55(0.72)	92 36.2)	040(40.9)	510(1120)	•	•		•	•
0.76 (0.99)	0.65(0.85)	1, (41.7)	1, 46.5)	570(1260)	•			•	
		1,220, 0)	1,340(52.8)	610(1340)			-		
0.89 (1.16)	0.77(1.01)								
0.89 (1.16) 1.05 (1.37)	0.90(-18)	100(55.	1,520(59.8)	680(1500)		-	-		-

Heavy duty bucket

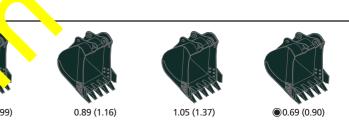
TAC IMENT

Bound arms are welded with a low-stress, full-box section design. 5.1m (16' 9") boom, 5.1m (16' 1") Hydraulic Adjustable Boom and 2.2m (7' 3"), 2.6m (8' 6"), 3.1m (10' 2") arms.

DIGGING FORCE

Boom Length Weight	mm (ft-in)		5,100 (16' 9")			
	kg (lb)		1,240 (2,730)		Demender	
A	Length	mm (ft·in)	2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")	Remarks
Arm	Weight	kg (lb)	750 (1,560)	810 (1,790)	890 (1,960)	
		kN	107.9 [117.2]	107.9 [117.2]	107.9 [117.2]	
Bucket digging force ISO Arm crowd	SAE	kgf	11,000 [11,940]	11,000 [11,940]	11,000 [11,940]	
		lbf	24,250 [26,330]	24,250 [26,330]	24,250 [26,330]	
		kN	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	
	ISO	kgf	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	
		lbf	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	[]:
		kN	87.2 [94.7]	77.3 [83.9]	69.0 [74.9]	Power
	SAE	kgf	8,890 [9,650]	7,880 [8,560]	7,030 [7,630]	Boost
		lbf	19,600 [21,280]	17,270 [18,860]	15,500 [16,830]	
		kN	91.0 [98.8]	80.3 [87.2]	71.4 [77.5]	
force	ISO	kgf	9,280 [10,080]	8,190 [8,890]	7,280 [7,900]	
		lbf	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	

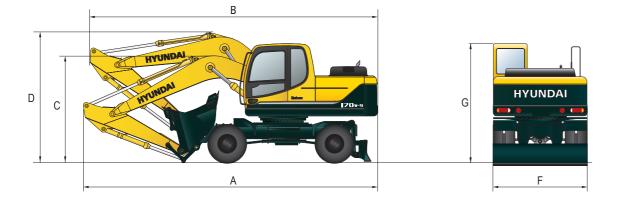
Note: Boom weight includes arm cylinder, piping, and pin Arm weight includes bucket cylinder, linkage, and pin



•: 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

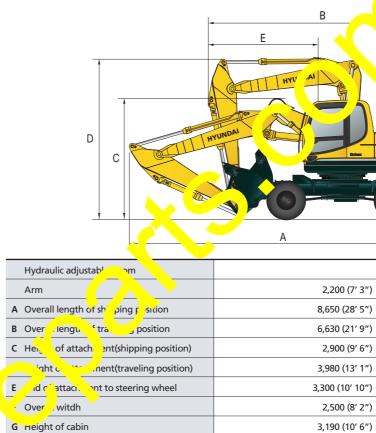
Dimensions & Working Range R170W-9 DIMENSIONS



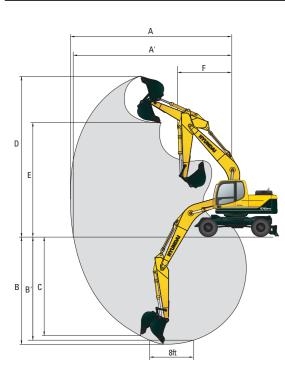
			Unit : mm (ft · in)
Mono Boom		5,100(16' 9")	
Arm	2,200 (7′ 3″)	2,600 (8' 6")	3,100 (11′ 1″)
A Overall length of shipping position	8,650 (28' 5")	8,730 (28' 8")	8,760 (28' 9")
B Overall length of traveling position	8,590 (28' 2")	8,400 (27' 7")	8,480 (27′ 10″)
C Height of attachment(shipping position)	3,060 (10' 0")	3,020 (9′ 11″)	3,150 (10' 4")
D Height of attachment(traveling position)	3,610 (11' 10")	3,940 (12′ 11″)	3,900 (12' 10")
F Overall witdh	2,500 (8′ 2″)	2,500 (8' 2")	2,500 (8' 2")
G Height of cabin	3,190 (10' 6")	3,190 (10' 6")	3,190 (10' 6")

Dimensions & Working Range

R170W-9 ADJUSTABLE BOOM

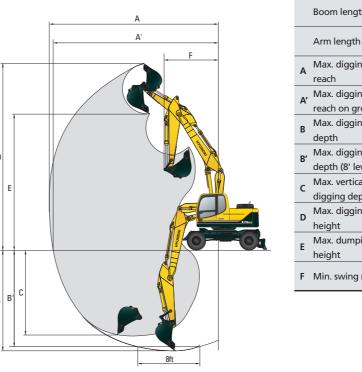


R170W-9 WORKING RANGE



			Uni mm (ft - ir
Boom length		5,100 (16' 9")	
Arm length	2,200	2,600	3,; 0
	(7′ 3″)	(8' 6")	(* 2")
A Max. digging reach	8,690	9,02(9,450
	(28' 6")	(29' 7	(31' 0")
A' Max. digging reach on ground	8,480 (27' 10")	(28' ")	9,250 (30' 4")
B Max. digging depth	5,420	5,820	6,320
	(17' 9	(19' 1")	(20' 9")
B' Max. digging	5,200	20	6,130
depth (8' level)	(17' 1")	(18' 5")	(20' 1")
c Max. vertical wall digging depth	/ 90	5,140	5,470
	(16' 1")	(16' 10")	(17' 11")
D Max. digging	2,990	9,070	9,220
height	(∠5")	(29' 9")	(30′ 3″)
E Max. dum ing	6,3	6,460	6,620
height	(20')")	(21' 2")	(21′ 9″)
F Min. s. gradius	3,180	3,170	3,160
	(. <u>5</u> ″)	(10' 5")	(10' 4")

R170W-9 ADJUSTABLE BOOM WORKING RANGE



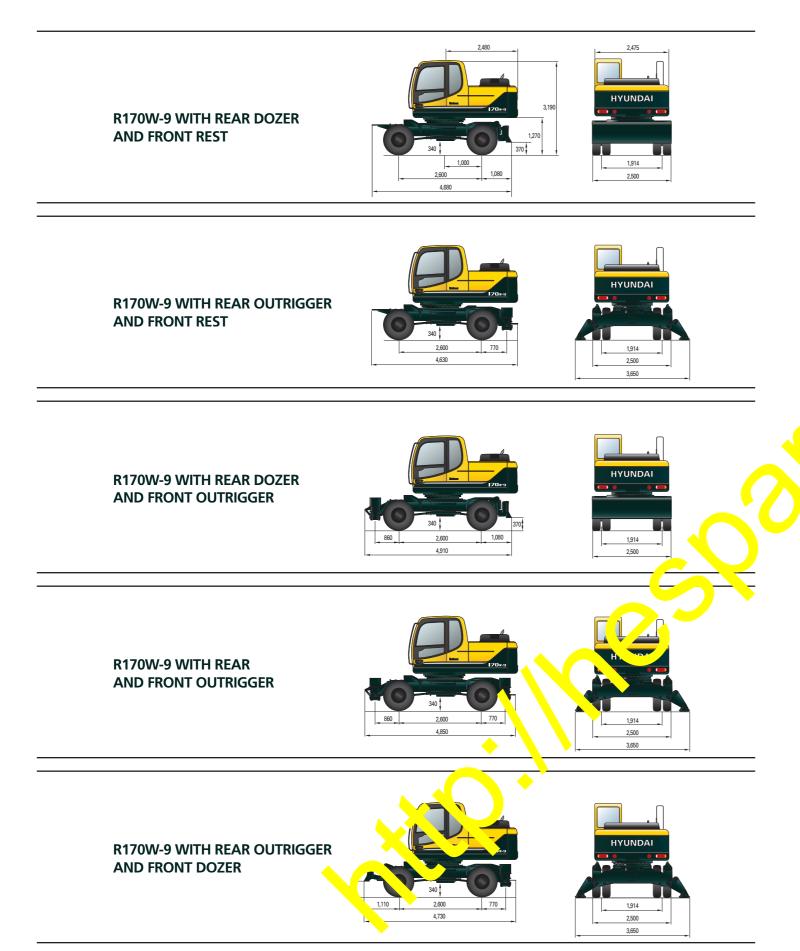
170r-9	G	HYUNDAI	
		F	-
		⊲ ►	Unit : mm (ft · in)

5,100(16' 9")	
1	2,600 (8' 6")	
1	8,750 (28' 8")	
1	6,620 (21' 9")	
1	2,920 (9' 7")	
1	3,960 (13' 0")	
1	3,290 (10' 10")	
	2,500 (8' 2")	
	3,190 (10' 6")	

Unit : mm	(ft	· in)
-----------	-----	-------

ıth		100 ' 9")
n	2,200 (7′ 3″)	2,600 (8' 6")
ng	8,760 (28' 9")	9,110 (29' 11")
ng round	8,550 (28' 1")	8,910 (29' 3")
ng	5,220 (17' 2")	5,620 (18' 5")
ng evel)	5,120 (16' 10")	5,520 (18' 1")
al wall pth	4,430 (14' 6")	4,780 (15' 8")
ng	9,630 (31' 7")	9,820 (32′ 3″)
oing	6,930 (22' 9")	7,130 (23' 5")
ı radius	3,100 (10' 2")	2,970 (9' 9")

Undercarriage



Lifting Capacity

R170W-9 MONO BOOM

	5 101								, ,			
Boom : 5.1	m (16' 9	9") / Arm : 2.2	m (7' 3") / Buc	ket : 0.76 m ³ (0	.99 yd³) SAE he	eaped / With re	r dozer d	e down and 2,6	650kg (5,840 lb) Counterweig	ht	
Landa					Load	radius					At max. reach	
Load p		1.5 m	n (5 ft)	3.0 m	(10 ft)	.5 m	(1.)	6.0 m	(20 ft)	Capa	acity	Reach
heigl m (f		ŀ	œ e	ŀ	œĐ)	t.	ଢ଼ୢୖୢୖ	ŀ	œ₽®)	ŀ		m (ft)
7.5 m	kg									*3710	3020	5.89
(25 ft)	lb									*8180	6660	(19.3)
6.0 m	kg							*3340	2830	*3660	2080	7.15
(20 ft)	lb							*7360	6240	*8070	4590	(23.5)
4.5 m	kg					4730	4550	*4170	2770	*3690	1680	7.86
(15 ft)	lb					*10430	10030	*9190	6110	*8140	3700	(25.8)
3.0 m	kg			*9740	7880	*6000	4190	*4690	2630	3430	1500	8.19
(10 ft)	lb			*21470	727	*13230	9240	*10340	5800	7560	3310	(26.9)
1.5 m	kg					*7180	3850	*5230	2470	3380	1460	8.19
(5 ft)	lb					*15830	8490	*11530	5450	7450	3220	(26.9)
Ground	kg			*	6950	*7720	3660	5520	2360	3580	1540	7.87
Line	lb			1689	15320	*17020	8070	12170	5200	7890	3400	(25.8)
-1.5 m	kg	*7650	5 50	*1111	7010	*7510	3620	*5380	2330	*3950	1820	7.18
(-5 ft)	lb	*16870	-16 1	06.	15450	*16560	7980	*11860	5140	*8710	4010	(23.6)
-3.0 m	kg	*12010	*1201	*9250	7190	*6410	3700			*3660	2540	5.95
(-10 ft)	lb	*26480	*26480	*20390	15850	*14130	8160			*8070	5600	(19.5)

Boom : 5.	1 m (16'	9") Arm :	m (8' 🗸 🗸	Bucket : 0.76	6 m³ (0.99 yc	l³) SAE heape	ed / With rea	ar dozer blad	le down and	l 2,650kg (5,	840 lb) Coun	terweight		
Lood	int					Load	radius					1	At max. reac	h
Load		.5 m	i (<mark>5 it</mark> ,	3.0 m	(10 ft)	4.5 m	(15 ft)	6.0 m	(20 ft)	7.5 m	(25 ft)	Capa	acity	Reach
heig m (5./		∎∎)	ŀ	œ e)	Þ		Þ	بنا (م	F				m (ft)
7.5 h	kg											*3360	2640	6.37
(25 ft)	lb											*7410	5820	(20.9)
								*3250	2870			*3360	1880	7.53
(20 ,	<u> </u>	·						*7170	6330			*7410	4140	(24.7)
m	kg	<u> </u>						*3830	2790			*3420	1530	8.20
(15 ft)	lb	· ·						*8440	6150			*7540	3370	(26.9)
	kg			*8540	8180	*5530	4240	*4400	2630	*2990	1740	3190	1370	8.52
(10 ft)	lb			*18830	18030	*12190	9350	*9700	5800	*6590	3840	7030	3020	(28.0)
1.5 m	kg			*7620	7180	*6830	3860	*5010	2460	*3710	1660	3140	1330	8.52
(5 ft)	lb			*16800	15830	*15060	8510	*11050	5420	*8180	3660	6920	2930	(28.0)
Ground	kg			*8230	6890	*7570	3630	*5420	2330	*3250	1610	3300	1390	8.22
Line	lb			*18140	15190	*16690	8000	*11950	5140	*7170	3550	7280	3060	(27.0)
-1.5 m	kg	*7190	*7190	*11280	6890	*7570	3550	5420	2270			3780	1620	7.56
(-5 ft)	lb	*15850	*15850	*24870	15190	*16690	7830	11950	5000			8330	3570	(24.8)
-3.0 m	kg	*10590	*10590	*9950	7030	*6760	3590	*4660	2320			*3700	2180	6.43
(-10 ft)	lb	*23350	*23350	*21940	15500	*14900	7910	*10270	5110			*8160	4810	(21.1)
-4.5 m	kg			*6800	*6800									
(-15 ft)	lb	1	l	*14990	*14990									

Boom : 5.1 m (16' 9") / Arm : 3.1 m (11' 1") / Bucket : 0.76 m³ (0.99 yd³) SAE heaped / With rear dozer blade down and 2,650kg (5,840 lb) Counterweight

			. ,				radius			, ,,		-	At max. reac	h
Load p			ı (5 ft)	3.0 m	(10 ft)	4.5 m (15 ft)		6.0 m	6.0 m (20 ft)		(25 ft)	Capacity		Reach
heigh m (fi		F	œ e)	Þ				Þ					∎∎)	m (ft)
7.5 m	kg											*3000	2250	6.96
(25 ft)	lb											*6610	4960	(22.8)
6.0 m	kg							*2970	2920			*3030	1650	8.02
(20 ft)	lb							*6550	6440			*6680	3640	(26.3)
4.5 m	kg							*3420	2820	*2310	1810	*3110	1360	8.65
(15 ft)	lb							*7540	6220	*5090	3990	*6860	3000	(28.4)
3.0 m	kg			*7140	*7140	*4940	4320	*4030	2650	*3220	1740	2910	1220	8.95
(10 ft)	lb			*15740	*15740	*10890	9520	*8880	5840	*7100	3840	6420	2690	(29.4)
1.5 m	kg			*10650	7380	*6370	3910	*4720	2450	3850	1640	2860	1170	8.95
(5 ft)	lb			*23480	16270	*14040	8620	*10410	5400	8490	3620	6310	2580	(29.4)
Ground	kg	*4330	*4330	*8780	6880	*7320	3620	*5240	2300	3760	1570	2990	1220	8.67
Line	lb	*9550	*9550	*19360	15170	*16140	7980	*11550	5070	8290	3460	6590	2690	(28.4)
-1.5 m	kg	*6700	*6700	*10760	6780	*7570	3490	5360	2210			3360	1400	8.05
(-5 ft)	lb	*14770	*14770	*23720	14950	*16690	7690	11820	4870			7410	3090	(26.4)
-3.0 m	kg	*9430	*9430	*10640	6870	*7070	3490	*4990	2220			*3620	1820	7.01
(-10 ft)	lb	*20790	*20790	*23460	15150	*15590	7690	*11000	4890			*7980	4010	(23.0)
-4.5 m	kg	*13120	*13120	*8110	7120	*5400	3640					*3220	3090	5.23
(-15 ft)	lb	*28920	*28920	*17880	15700	*11900	8020					*7100	6810	(17.2)

Lifting capacity is based on SAE J1097, ISO 10567.
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.

Rating over-front ERating over-side or 360 degree

The load point is a hook located on the back of the bucket.
(*) indicates the load limited by hydraulic capacity.

Lifting Capacity

R170W-9 ADJUSTABLE BOOM

Rating over-front 💷 Rating over-side or 360 degree

Boom : 5.1 m (16' 9") / Arm : 2.2 m (7' 3") / Bucket : 0.76 m³ (0.99 yd³) SAE heaped / With rear dozer blade down and 2,650kg (5,840 lb) Counterweight

Loodin	aint					Load	radius					A	At max. reac	h
Load p		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)	Capa	acity	Reach
heigh m (fi		ŀ	œ₽D)	Þ	œ₽D)	Þ		Þ	∎ ₽)	∎∎		Þ	∎ ₽)	m (ft)
6.0 m	kg											*3710	2010	7.22
(20 ft)	lb											*8180	4430	(23.7)
4.5 m	kg							*4210	2760			*3680	1620	7.92
(15 ft)	lb							*9280	6080			*8110	3570	(26.0)
3.0 m	kg					*6040	4180	*4690	2610			3410	1450	8.25
(10 ft)	lb					*13320	9220	*10340	5750			7520	3200	(27.1)
1.5 m	kg					*7120	3810	*5190	2440	*3430	1660	3360	1410	8.26
(5 ft)	lb					*15700	8400	*11440	5380	*7560	3660	7410	3110	(27.1)
Ground	kg			*6770	*6770	*7590	3610	*5450	2330			3570	1500	7.94
Line	lb			*14930	*14930	*16730	7960	*12020	5140			7870	3310	(26.0)
-1.5 m	kg	*6880	*6880	*10730	6950	*7310	3580	*5230	2300			*3640	1780	7.26
(-5 ft)	lb	*15170	*15170	*23660	15320	*16120	7890	*11530	5070			*8020	3920	(23.8)
-3.0 m	kg			*8720	7160	*6110	3680					*3140	2490	6.05
(-10 ft)	lb			*19220	15790	*13470	8110					*6920	5490	(19.8)

Boom : 5.1 m (16' 9") / Arm : 2.6 m (8' 6") / Bucket : 0.76 m³ (0.99 yd³) SAE heaped / With rear dozer blade down and 2,650kg (5,840 lb) Counterweight

Lood nois						Load	radius					A	At max. reac	h
Load poin			(5 ft)	3.0 m	(10 ft)	4.5 m (15 ft) 6.0 m (20 ft)			7.5 m	(25 ft)	Capa	acity	Reach	
height m (ft)		Þ		Þ		F		ŀ	œ₽D)	ŀ		Þ	œ₽D)	m (ft)
6.0 m	kg											*3410	1810	7.63
(20 ft)	lb											*7520	3990	(25.0)
4.5 m	kg											*3410	1470	8.29
(15 ft)	lb											*7520	3240	(27.2)
3.0 m	kg							*4420	2620	*3380	1720	3160	1320	8.60
(10 ft)	lb							*9740	5780	*7450	3790	6970	2910	(28.2)
1.5 m	kg			*6600	*6600	*6800	3830	*4980	2430	3900	1640	3110	1280	8.61
(5 ft)	lb			*14550	*14550	*14990	8440	*10980	5360	8600	3620	6860	2820	(28.2)
Ground	kg	*6550	*6550	*7410	6810	*7460	3580	*5340	2290	3830	1580	3280	1350	8.31
Line	lb	*14440	*14440	*16340	15010	*16450	7890	*11770	5050	8440	3480	7230	2980	(27.3)
-1.5 m	kg	*10160	*10160	*10600	6820	*7390	3500	*5290	2240			*3520	1570	7.66
(-5 ft)	lb	*22400	*22400	*23370	15040	*16290	7720	*11660	4940			*7760	3460	(25.1)
-3.0 m	kg			*9480	6980	*6500	3560	*4440	2300			*3240	2120	6.54
(-10 ft)	lb			*20900	15390	*14330	7850	*9790	5070			*7140	4670	(21.5)
-4.5 m	kg			*6100	*6100	*3870	3820							
(-15 ft)	lb			*13450	*13450	*8530	8420							

1. Lifting capacity is based on SAE J1097, 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.

The load point is a hook located on the back of the bucket.
(*) indicates the load limited by hydraulic capacity.

STANDARD EQUIPMENT

IS	O 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
	CD/MP3 Player
	Handsfree mobile phone system with USB
	Sun visor
<u>C</u>	omputer aided power optimization (New CCPO) system
	3-power mode, 2-work mode, user mode
	Auto deceleration & one-touch deceleration
	Auto warm-up system
	Auto overheat prevention system
A	utomatic climate control
	Air conditioner & heate
6.	Defroster
	arting Aid (air of a heally for conveather
	arting Aid (air coa head) for commentative weather
<u></u>	LCD display
	Engine and or The met /Accel.
	Clo
	jes 🔰
	Fue evel gauge
	Engin, polar comperature gauge
	d. oil Coperature gauge
	Walings
	Che Engine
	Corload
	Communication error
	Low battery Air cleaner clogging
	Indicators
	Max power
	Low speed/High speed
	Fuel warmer
	Auto idle
D	oor and cab locks, one key
Tv	vo outside rearview mirrors
	Illy adjustable suspension seat with seat belt
	lot-operated slidable joystick
	onsole box height adjust system
	vo front working lights
_	ectric horn atteries (2 x 12V x 100 AH)
	attery master switch
	emovable clean-out screen for cooler
	utomatic swing brake
_	emovable reservoir tank
	Jel pre-filter with fuel warmer
	pom holding system
	rm holding system
Co	punterweight (2,650kg, 5,840lb)
	ccumulator for lowering work equipment
El	ectric Tranducers
	ower frame under cover (Normal)
_	scous fan clutch
Tie	res-dual (9.00-20-14PR)
_	avel alarm

J. TONAL EQUIPMENT

sacon lan.p sacon	Fuel fille_ump (35 L/min)
Serve lock valve for boom cylinder with overload warning device Safe_V lock valve for arm cylinder Single-acting piping kit (breaker, etc.) Double-acting piping kit (clamshell, etc.) Quick coupler 12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin front guard-wire net Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater	
Safe., lock valve for arm cylinder Single-acting piping kit (breaker, etc.) Double-acting piping kit (clamshell, etc.) Quick coupler 12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Mechanical suspension seat with heater Mechanical suspension seat with heater M	
Single-acting piping kit (breaker, etc.) Double-acting piping kit (clamshell, etc.) Quick coupler 12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin front guard-wire net Cabin front quard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Adjustable air suspension seat with heater Mechanical suspension seat with heater Pires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
Double-acting piping kit (clamshell, etc.) Quick coupler 12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin front guard-wire net Cabin front guard-wire net Cabin front guard-wire net Cabin front outrigger Rear outrigger Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Micharble air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
Quick coupler 12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
12 volt power outlet (24V DC to 12V DC converter) Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
Varjous optional Boom 5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Micrasheat Adjustable air suspension seat with heater Mechanical suspension seat with heater Hearer (Mudguar	
5.1m, 16' 9" Hyd. adjustable boom Varjous optional Arms 2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Michail suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
2.6m, 8' 6" Semi long arm 3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin front-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
3.1m, 10' 2" long arm Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Varjous optional Arms
Climate control Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	2.6m, 8' 6" Semi long arm
Air conditioner only Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	3.1m, 10' 2" long arm
Heater only Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	
Cabin FOPS/FOG (ISO/DIS 10262) FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Air conditioner only
FOPS (Falling Object Protective Structure) FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin lights Cabin front window rain guard Undercarriage Rear outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Heater only
FOG (Falling Object Guard) Cabin roof-steel cover Cabin front guard-wire net Cabin lights Cabin front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Cabin FOPS/FOG (ISO/DIS 10262)
Cabin roof-steel cover Cabin front guard-wire net Cabin lights Cabin front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	FOPS (Falling Object Protective Structure)
Cabin front guard-wire net Cabin front guard-wire net Cabin front window rain guard Undercarriage Rear outrigger Rear outrigger and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	FOG (Falling Object Guard)
Cabin lights Cabin front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Cabin roof-steel cover
Cabin Front window rain guard Undercarriage Rear outrigger Rear dozer and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Cabin front guard-wire net
Undercarriage Rear outrigger Rear and front outrigger Rear and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Cabin lights
Rear outrigger Rear dozer and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Cabin front window rain guard
Rear dozer and front outrigger Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Undercarriage
Rear and front outrigger Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Rear outrigger
Rear outrigger and front dozer Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10:00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Rear dozer and front outrigger
Lower frame under cover (Additional) Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Rear and front outrigger
Tool kit Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Rear outrigger and front dozer
Operator suit Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Lower frame under cover (Additional)
Rearview camera Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Tool kit
Seat Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Operator suit
Adjustable air suspension seat Adjustable air suspension seat with heater Mechanical suspension seat with heater Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Rearview camera
Adjustable air suspension seat with heater Mechanical suspension seat with heater <u>Tires - dual (10.00 - 20 solid)</u> <u>Fenders (Mudguards)</u> <u>Pattern change valve (2 patterns)</u>	Seat
Mechanical suspension seat with heater <u>Tires - dual (10.00 - 20 solid)</u> <u>Fenders (Mudguards)</u> <u>Pattern change valve (2 patterns)</u>	Adjustable air suspension seat
Tires - dual (10.00 - 20 solid) Fenders (Mudguards) Pattern change valve (2 patterns)	Adjustable air suspension seat with heater
Fenders (Mudguards) Pattern change valve (2 patterns)	Mechanical suspension seat with heater
Pattern change valve (2 patterns)	<u>Tires - dual (10.00 - 20 solid)</u>
	Fenders (Mudguards)
Hi-mate (Remote Management System)	Pattern change valve (2 patterns)
	Hi-mate (Remote Management System)

- * 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.