

MOVING YOU FURTHER

HX235_{LCR}

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

SAE J1349 / 129 kW (173 HP) at 1,950 rpm

Gross Power

SAE J1995 / 136 kW (183 HP) at 1,950 rpm

Travel Speed

5.5 km/hr (3.4 mph) / 3.4 km/hr (2.11 mph)

Operating Weight

24,000 kg / 52,910 lb



RULE THE GROUND

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



*Photo may include optional equipment.

RULE THE GROUND

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

HX235_{LCR}



WORK MAX, WORTH MAX

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



MORE RELIABLE, MORE SUSTAINABLE

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



INFOTAINMENT FRONTIER

- Intelligent and Wide Cluster
- Wi-Fi Direct with Smart Phone (Miracast)
- Proportional Auxiliary Hydraulic System
- New Audio System



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- Easy Access to DEF/AdBlue® Supply System
- Hi MATE (Remote Management System) (Option)
- Viscous Suspension Mount
- Swing Lock System (Option)
- Fine Swing Control (Option)



*Photo may include optional equipment.



UP to 10%

More fuel-efficient in leveling
(Compared to 9 Series)

90%

Reduction in PM & NOx
(Compared to 9 Series)

Fuel Rate Information



*Photo may include optional equipment.

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

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



ECO Gauge

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



IPC (Intelligent Power Control)

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



Attachment Flow Control

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

New Variable Power Control

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

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

Electronic Viscous Fan Clutch

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

Enlarged Air Inlet with Grill Cover

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

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

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



Durable Cooling Module

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



Reinforced Pin, Bush and Polymer Shim

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

Wear Resistant Cover Plate

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



Reinforced Durability of Upper and Lower Structure and Attachments

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



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

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



New Air Conditioning System

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

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

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



Intelligent and Wide Cluster

The 8-inch capacitive-type display (like smartphone display) of the HX Series is 30% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner, heater interoperation and inclination sensor also maximize operator's convenience.

Wi-Fi Direct with Smart Phone (Miracast)

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



New Audio System

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

Proportional Auxiliary Hydraulic System

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

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

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



Easy Access to DEF/AdBlue® Supply System

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



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.

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



*Photo may include optional equipment

Swing Lock System (Option)

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

Fine Swing Control (Option)

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

SPECIFICATIONS

ENGINE				
Maker / Model			CUMMINS QSB6.7 Engine	
Type			Water-cooled, 4-cycle diesel, 6-cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission	
Rated flywheel horse power	SAE	J1995 (gross)	136 kW (183 HP) at 1,950 rpm	
		J1349 (net)	129 kW (173 HP) at 1,950 rpm	
	DIN	6271/1 (gross)	136 kW (185 PS) at 1,950 rpm	
		6271/1 (net)	129 kW (175 PS) at 1,950 rpm	
Max. torque			81.6 kgf (590 lbf.ft) at 1,500 rpm	
Bore x stroke			107 x 124 mm (4.2" x 4.9")	
Piston displacement			6,700 cc (409 cu in)	
Batteries			2 x 12 V x 100 Ah	
Starting motor			24 V - 4.8 kW	
Alternator			24 V - 95 A	

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 222 l/min (58.6 US gpm / 48.8 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,410 psi)
Swing circuit	285 kgf/cm² (4,050 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore x stroke	Boom: 2-120 x 1,290 mm
	Arm: 1-140 x 1,510 mm
	Bucket: 1-120 x 1,055 mm
	Dozer Blade: 2-130 x 240 mm
	2-Piece Boom:
	1st: 2-125 x 1,260 mm 2nd: 1-160 x 1,060 mm

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	20,500 kgf (45,194 lbf)
Max. travel speed (high / low)	5.5 km/hr (3.5 mph) / 3.3 km/hr (2.1 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10,8 rpm

SERVICE REFILL CAPACITIES

Re-filling	liter	US gal	UK gal
Fuel tank	320	84.5	70.4
Engine coolant	40	10.6	8.8
Engine oil	23.7	6.3	5.2
Swing device	7	1.8	1.5
Final drive (each)	4.5	1.2	1.0
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2
DEF/AdBlue® tank	27	7.1	5.9

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	49 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680 mm (18' 8") boom; 2,920 mm (9' 7") arm; SAE heaped 0.80 m³ (1.05 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

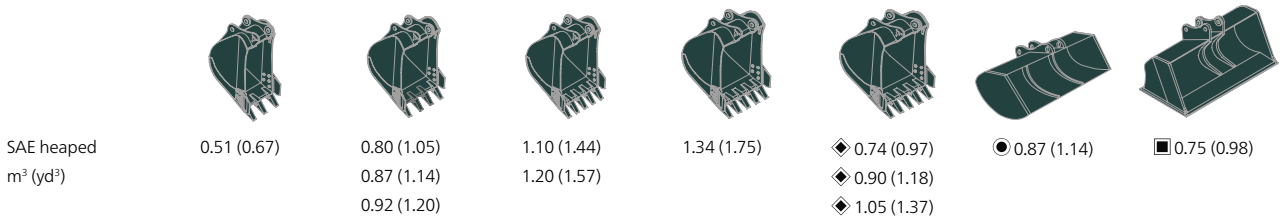
OPERATING WEIGHT

Shoes		Operating weight	Ground pressure
Type	Width mm (in)	kg (lb)	kgf / cm² (psi)
Triple grouser	600 (24")	24,000 (52,910)	0.51 (7.25)
	700 (28")	24,280 (53,530)	0.44 (6.26)
	800 (32")	24,560 (54,140)	0.39 (5.55)
	900 (36")	24,840 (54,760)	0.35 (4.98)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.



Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
					5,680 (18' 8") Mono-boom			5,650 (18' 6") 2-Piece boom		
					2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	2,000 (6' 7") Arm	2,400 (7'10") Arm	2,920 (9' 7") Arm
SAE heaped	CECE heaped	Without side cutters	With side cutters							
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 /m³ (3,370 lb/ yd³) or less
- : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- ▲ : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.68 m (18' 8") Mono-boom and 5.65 m (18' 6") 2-Piece boom and 2.0 m (6' 7"); 2.4 m (7' 10") & 2.92 m (9' 7") Arms are available.

DIGGING FORCE

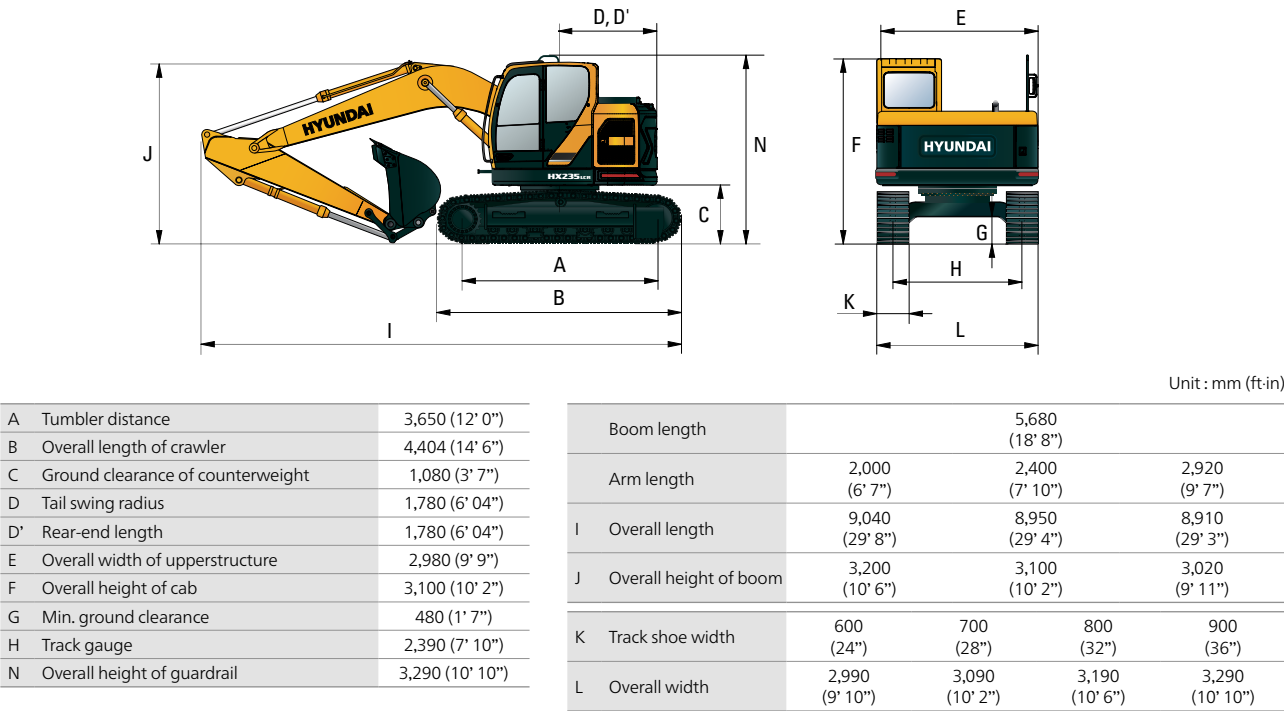
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	Remarks:
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	[] : Power Boost
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	
		lbf	29980 [32550]	29980 [32550]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

Note : Arm weight includes bucket cylinder, linkage and pin

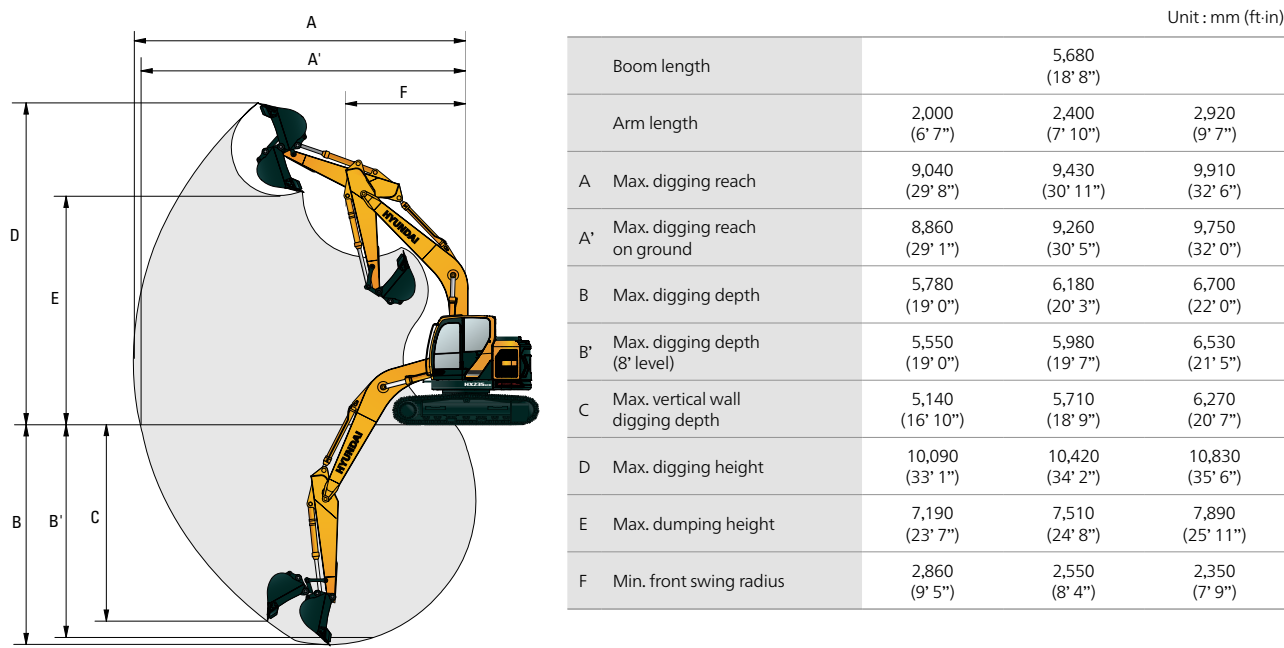
DIMENSIONS & WORKING RANGE

HX235 LCR DIMENSIONS

5.68 m (18' 8") Mono-boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.



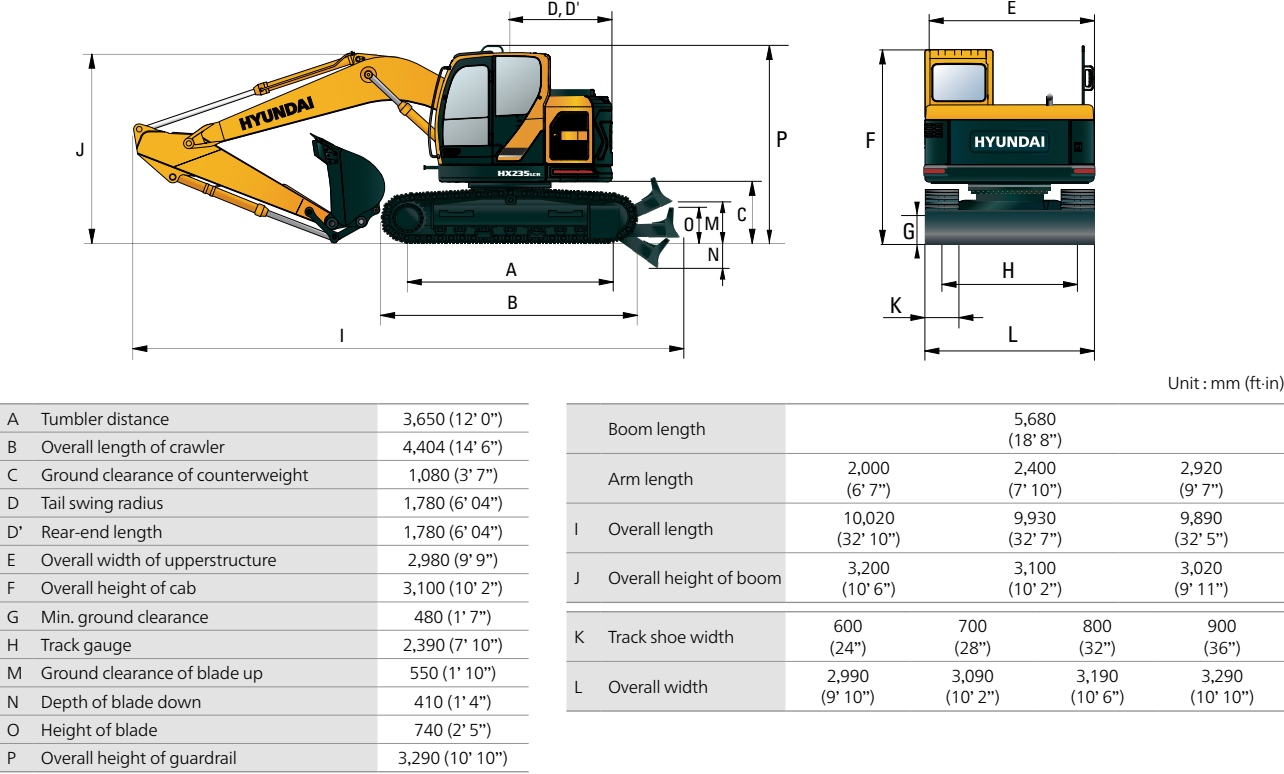
HX235 LCR WORKING RANGE



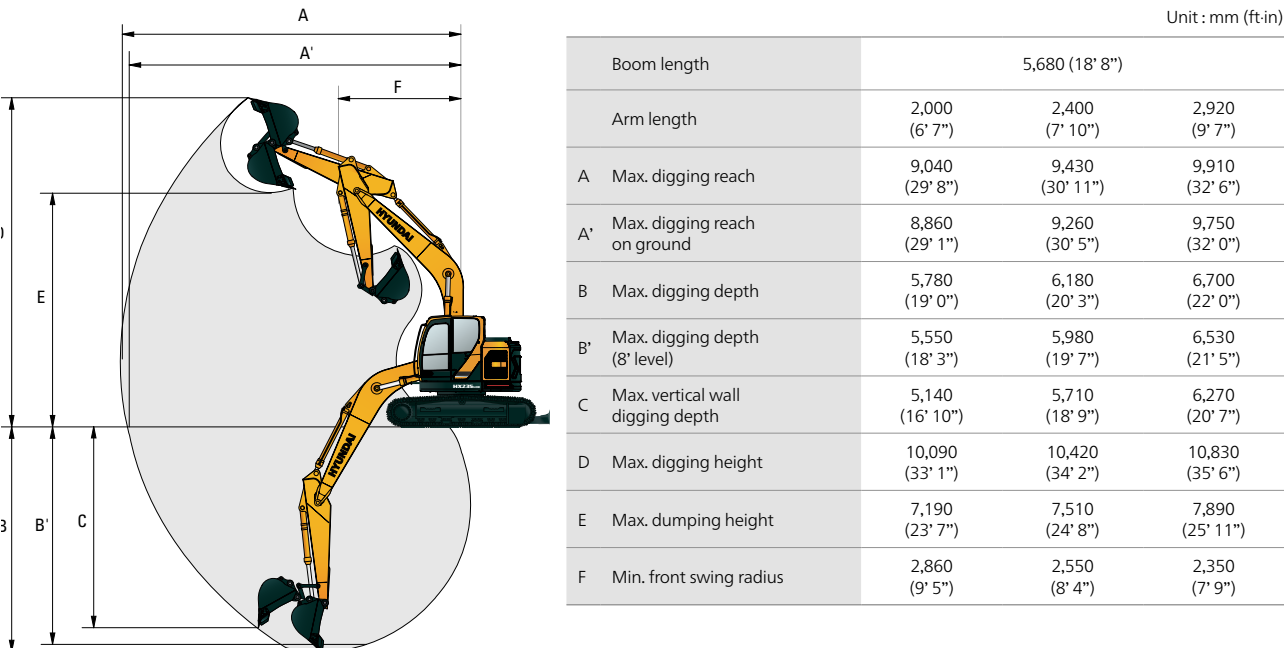
DIMENSIONS & WORKING RANGE

HX235 LCR (DOZER TYPE) DIMENSIONS

5.68 m (18' 8") Mono-boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.



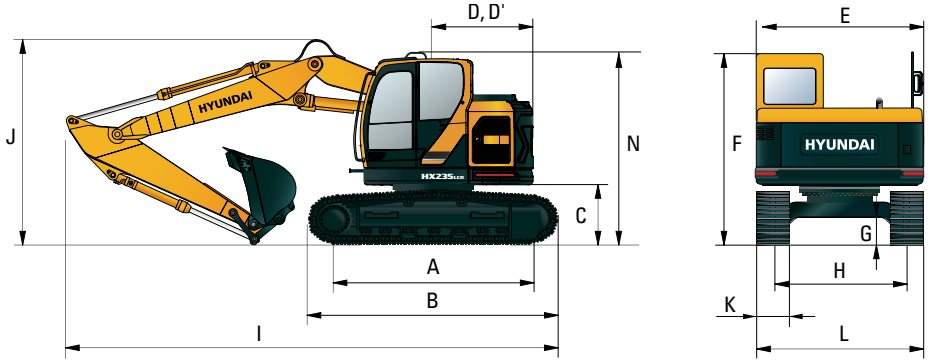
HX235 LCR (DOZER TYPE) WORKING RANGE



DIMENSIONS & WORKING RANGE

HX235 LCR 2-PIECE BOOM DIMENSIONS

5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.



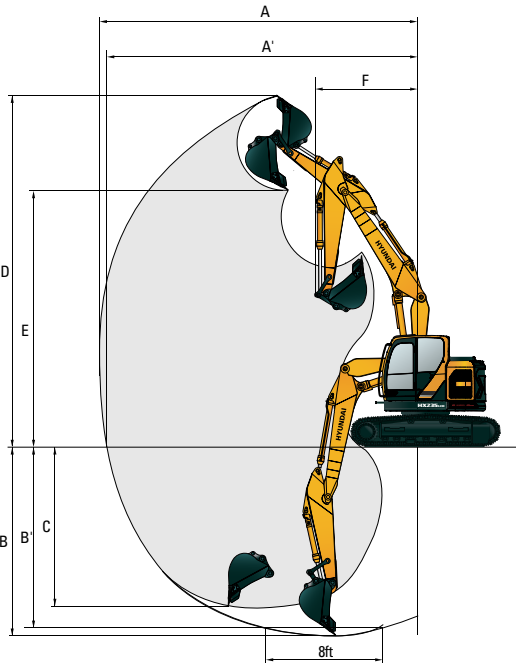
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
N	Overall height of guardrail	3,290 (10' 10")

	Boom length	5,650 (18' 6") 2-Piece			
	Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
I	Overall length	9,000 (29' 6")	8,910 (29' 3")	8,900 (29' 2")	
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")	
K	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
L	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

HX235 LCR 2-PIECE BOOM WORKING RANGE

Unit : mm (ft-in)

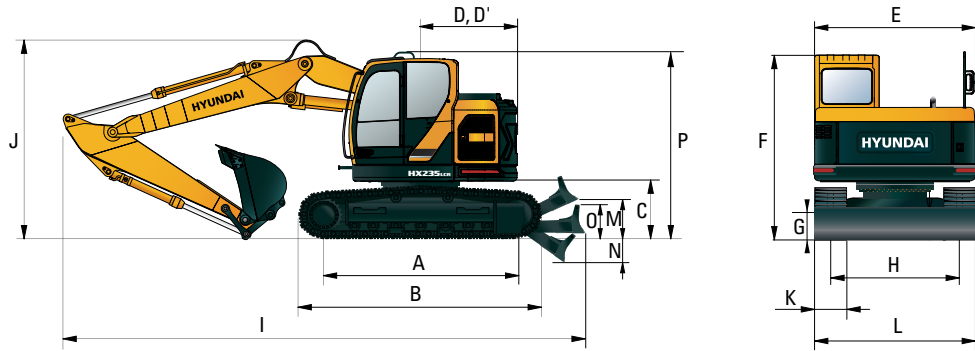


Boom length	5,650 (18' 6") 2-Piece			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
A	Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A'	Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B	Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B'	Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C	Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D	Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E	Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F	Min. front swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

DIMENSIONS & WORKING RANGE

HX235 LCR 2-PIECE BOOM (DOZER TYPE) DIMENSIONS

5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.



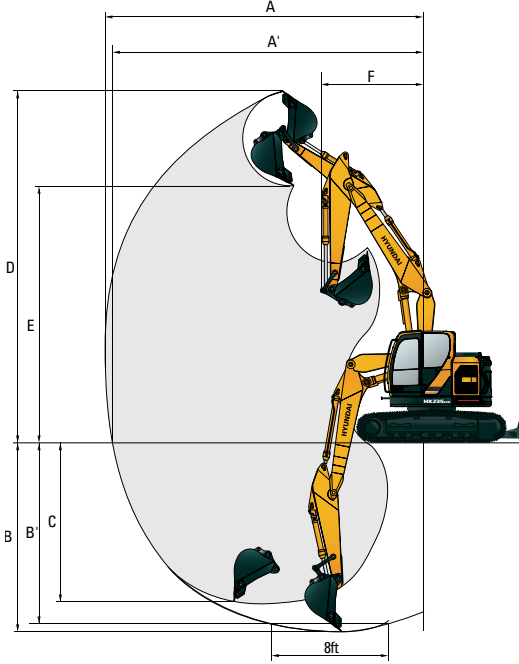
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A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
M	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
O	Height of blade	740 (2' 5")
P	Overall height of guardrail	3,290 (10' 10")

Boom length		5,650 (18' 6") 2-Piece			
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
I	Overall length	9,850 (32' 4")	9,760 (32' 0")	9,750 (32' 0")	
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")	
K	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
L	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

HX235 LCR 2-PIECE BOOM (DOZER TYPE) WORKING RANGE

Unit : mm (ft-in)



Boom length	5,650 (18' 6") 2-Piece			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
A	Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A'	Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B	Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B'	Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C	Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D	Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E	Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F	Min. front swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

LIFTING CAPACITY

Rating over-front

Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

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)
10.5 m (35 ft)	kg lb									*4160 *9170	*4160 *9170	4.63 (15.2)
9.0 m (30 ft)	kg lb									*4580 *10100	*4580 *10100	4.48 (14.7)
7.5 m (25 ft)	kg lb			*4770 *10520	*4770 *10520					*4100 *9040	*4100 *9040	6.56 (21.5)
6.0 m (20 ft)	kg lb			*4930 *10870	*4930 *10870	*4540 *10010	*4540 *10010			*3990 *8800	3080 6790	7.70 (25.3)
4.5 m (15 ft)	kg lb	*8300 *18300	*8300 *18300	*5880 *12960	*5880 *12960	*4860 *10710	4630 10210			*3990 *8800	2580 5690	8.36 (27.4)
3.0 m (10 ft)	kg lb			*7250 *15980	6860 15120	*5440 *11990	4370 9630	*4570 *10080	3000 6610	*4030 *8880	2340 5160	8.67 (28.4)
1.5 m (5 ft)	kg lb			*8350 *18410	6350 14000	*5980 *13180	4120 9080	*4770 *10520	2890 6370	*4080 *8990	2290 5050	8.66 (28.4)
Ground Line	kg lb			*8660 *19090	6110 13470	*6250 *13780	3960 8730			*4100 *9040	2410 5310	8.36 (27.4)
-1.5 m (-5 ft)	kg lb	*11410 *25150	*11410 *25150	*8260 *18210	6080 13400	*6050 *13340	3910 8620			*4010 *8840	2790 6150	7.69 (25.2)
-3.0 m (-10 ft)	kg lb	*9650 *21270	*9650 *21270	*7130 *15720	6190 13650	*5090 *11220	4000 8820			*3610 *7960	3610 7960	6.55 (21.5)

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

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
		 		 		 		 		 		 		 
9.0 m (30 ft)	kg lb											*4060 *8950	*4060 *8950	5.25 (17.2)
7.5 m (25 ft)	kg lb					*4230 *9330	*4230 *9330					*3770 *8310	3710 8180	7.07 (23.2)
6.0 m (20 ft)	kg lb					*4450 *9810	*4450 *9810	*4170 *9190	*4170 *9190			*3700 *8160	2800 6170	8.12 (26.6)
4.5 m (15 ft)	kg lb			*7210 *15900	*7210 *15900	*5400 *11900	*5400 *11900	*4550 *10030	*4550 *10030	*3900 *8600	3120 6880	*3720 *8200	2370 5220	8.74 (28.7)
3.0 m (10 ft)	kg lb			*11320 *24960	*11320 *24960	*6790 *14970	*6790 *14970	*5170 *11400	4410 9720	*4360 *9610	3010 6640	*3770 *8310	2160 4760	9.04 (29.7)
1.5 m (5 ft)	kg lb					*8040 *17730	6400 14110	*5790 *12760	4130 9110	*4630 *10210	2880 6350	*3830 *8440	2110 4650	9.03 (29.6)
Ground Line	kg lb			*9170 *20220	*9170 *20220	*8580 *18920	6100 13450	*6150 *13560	3940 8690	*4760 *10490	2780 6130	*3870 *8530	2210 4870	8.74 (28.7)
-1.5 m (-5 ft)	kg lb	*9770 *21540	*9770 *21540	*12150 *26790	12070 26610	*8390 *18500	6010 13250	*6100 *13450	3860 8510			*3840 *8470	2510 5530	8.12 (26.6)
-3.0 m (-10 ft)	kg lb	*14230 *31370	*14230 *31370	*10480 *23100	*10480 *23100	*7490 *16510	6080 13400	*5420 *11950	3900 8600			*3600 *7940	3230 7120	7.06 (23.2)
-4.5 m (-15 ft)	kg lb			*7610 *16780	*7610 *16780	*5470 *12060	*5470 *12060							

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

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

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

LIFTING CAPACITY

 Rating over-front
  Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

Load point height m (ft)		Load radius								At max. reach				
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
														m (ft)
9.0 m (30 ft)	kg lb					*2920 *6440	*2920 *6440					*3570 *7870	*3570 *7870	6.12 (20.1)
7.5 m (25 ft)	kg lb							*3260 *7190	*3260 *7190			*3410 *7520	3210 7080	7.70 (25.3)
6.0 m (20 ft)	kg lb							*3720 *8200	*3720 *8200			*3380 *7450	2500 5510	8.66 (28.4)
4.5 m (15 ft)	kg lb					*4750 *10470	*4750 *10470	*4140 *9130	*4140 *9130	*3800 *8380	3170 6990	*3410 *7520	2130 4700	9.24 (30.3)
3.0 m (10 ft)	kg lb			*9680 *21340	*9680 *21340	*6180 *13620	*6180 *13620	*4810 *10600	4460 9830	*4100 *9040	3030 6680	*3460 *7630	1950 4300	9.52 (31.2)
1.5 m (5 ft)	kg lb			*9550 *21050	*9550 *21050	*7590 *16730	6510 14350	*5500 *12130	4160 9170	*4440 *9790	2880 6350	*3530 *7780	1900 4190	9.52 (31.2)
Ground Line	kg lb			*9930 *21890	*9930 *21890	*8400 *18520	6110 13470	*5990 *13210	3930 8660	*4670 *10300	2760 6080	*3600 *7940	1970 4340	9.24 (30.3)
-1.5 m (-5 ft)	kg lb	*8850 *19510	*8850 *19510	*12790 *28200	11890 26210	*8470 *18670	5950 13120	*6100 *13450	3810 8400	*4630 10210	2690 5930	*3620 *7980	2210 4870	8.66 (28.4)
-3.0 m (-10 ft)	kg lb	*12280 *27070	*12280 *27070	*11380 *25090	*11380 *25090	*7840 *17280	5960 13140	*5690 *12540	3810 8400			*3500 *7720	2750 6060	7.69 (25.2)
-4.5 m (-15 ft)	kg lb			*8920 *19670	*8920 *19670	*6300 *13890	6140 13540					*2930 *6460	*2930 *6460	6.11 (20.0)

Boom: 5.68 m (18' 8") / Arm: 2.0 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)
10.5 m (35 ft)	kg lb									*4160 *9170	*4160 *9170	4.63 (15.2)
9.0 m (30 ft)	kg lb									*4580 *10100	*4580 *10100	4.48 (14.7)
7.5 m (25 ft)	kg lb			*4770 *10520	*4770 *10520					*4100 *9040	*4100 *9040	6.56 (21.5)
6.0 m (20 ft)	kg lb			*4930 *10870	*4930 *10870	*4540 *10010	*4540 *10010			*3990 *8800	3520 7760	7.70 (25.3)
4.5 m (15 ft)	kg lb	*8300 *18300	*8300 *18300	*5880 *12960	*5880 *12960	*4860 *10710	*4860 *10710			*3990 *8800	2960 6530	8.36 (27.4)
3.0 m (10 ft)	kg lb			*7250 *15980	*7250 *15980	*5440 *11990	4980 10980	*4570 *10080	3440 7580	*4030 *8880	2710 5970	8.67 (28.4)
1.5 m (5 ft)	kg lb			*8350 *18410	7280 16050	*5980 *13180	4730 10430	*4770 *10520	3330 7340	*4080 *8990	2660 5860	8.66 (28.4)
Ground Line	kg lb			*8660 *19090	7040 15520	*6250 *13780	4560 10050			*4100 *9040	2800 6170	8.36 (27.4)
-1.5 m (-5 ft)	kg lb	*11410 *25150	*11410 *25150	*8260 *18210	7010 15450	*6050 *13340	4510 9940			*4010 *8840	3220 7100	7.69 (25.2)
-3.0 m (-10 ft)	kg lb	*9650 *21270	*9650 *21270	*7130 *15720	7130 15720	*5090 *11220	4610 10160			*3610 *7960	*3610 *7960	6.55 (21.5)

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

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

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

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)	
10.5 m (35 ft)	kg							*4160	*4160
	lb							*9170	*9170
9.0 m (30 ft)	kg							*4580	*4580
	lb							*10100	*10100
7.5 m (25 ft)	kg			*4770	*4770			*4100	*4100
	lb			*10520	*10520			*9040	*9040
6.0 m (20 ft)	kg			*4930	*4930	*4540	*4540	*3990	3300
	lb			*10870	*10870	*10010	*10010	*8800	7280
4.5 m (15 ft)	kg	*8300	*8300	*5880	*5880	*4860	*4860	*3990	2770
	lb	*18300	*18300	*12960	*12960	*10710	*10710	*8800	6110
3.0 m (10 ft)	kg			*7250	*7250	*5440	4660	*4030	2530
	lb			*15980	*15980	*11990	10270	*8880	5580
1.5 m (5 ft)	kg			*8350	6770	*5980	4410	*4080	2480
	lb			*18410	14930	*13180	9720	*8990	5470
Ground Line	kg			*8660	6530	*6250	4250	*4100	2610
	lb			*19090	14400	*13780	9370	*9040	5750
-1.5 m (-5 ft)	kg	*11410	*11410	*8260	6500	*6050	4200	*4010	3000
	lb	*25150	*25150	*18210	14330	*13340	9260	*8840	6610
-3.0 m (-10 ft)	kg	*9650	*9650	*7130	6610	*5090	4290	*3610	*3610
	lb	*21270	*21270	*15720	14570	*11220	9460	*7960	*7960

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)	
									
		Capacity						Reach	
								m (ft)	
9.0 m (30 ft)	kg							*4060	*4060
	lb							*8950	*8950
7.5 m (25 ft)	kg					*4230	*4230	*3770	*3770
	lb					*9330	*9330	*8310	*8310
6.0 m (20 ft)	kg					*4450	*4450	*4170	*4170
	lb					*9810	*9810	*9190	*9190
4.5 m (15 ft)	kg			*7210	*7210	*5400	*5400	*4550	*4550
	lb			*15900	*15900	*11900	*11900	*10030	*10030
3.0 m (10 ft)	kg			*11320	*11320	*6790	*6790	*5170	5020
	lb			*24960	*24960	*14970	*14970	*11400	11070
1.5 m (5 ft)	kg					*8040	7340	*5790	4740
	lb					*17730	16180	*12760	10450
Ground Line	kg			*9170	*9170	*8580	7030	*6150	4540
	lb			*20220	*20220	*18920	15500	*13560	10010
-1.5 m (-5 ft)	kg	*9770	*9770	*12150	*12150	*8390	6940	*6100	4460
	lb	*21450	*21450	*26790	*26790	*18500	15300	*13450	9830
-3.0 m (-10 ft)	kg	*14230	*14230	*10480	*10480	*7490	7020	*5420	4510
	lb	*31370	*31370	*23100	*23100	*16510	15480	*11950	9940
-4.5 m (-15 ft)	kg			*7610	*7610	*5470	*5470		
	lb			*16780	*16780	*12060	*12060		

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)	
									
		Capacity						Reach	
								m (ft)	
9.0 m (30 ft)	kg							*4060	*4060
	lb							*8950	*8950
7.5 m (25 ft)	kg					*4230	*4230	*3770	*3770
	lb					*9330	*9330	*8310	*8310
6.0 m (20 ft)	kg					*4450	*4450	*4170	*4170
	lb					*9810	*9810	*9190	*9190
4.5 m (15 ft)	kg			*7210	*7210	*5400	*5400	*4550	*4550
	lb			*15900	*15900	*11900	*11900	*10030	*10030
3.0 m (10 ft)	kg			*11320	*11320	*6790	*6790	*5170	4700
	lb			*24960	*24960	*14970	*14970	*11400	10360
1.5 m (5 ft)	kg					*8040	6830	*5790	4420
	lb					*17730	15060	*12760	9740
Ground Line	kg			*9170	*9170	*8580	6520	*6150	4230
	lb			*20220	*20220	*18920	14370	*13560	9330
-1.5 m (-5 ft)	kg	*9770	*9770	*12150	12070	*8390	6440	*6100	4150
	lb	*21540	*21540	*26790	26610	*18500	14200	*13450	9150
-3.0 m (-10 ft)	kg	*14230	*14230	*10480	*10480	*7490	6510	*5420	4190
	lb	*31370	*31370	*23100	*23100	*16510	14350	*11950	9240
-4.5 m (-15 ft)	kg			*7610	*7610	*5470	*5470		
	lb			*16780	*16780	*12060	*12060		

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)	
									
		Capacity						Reach	
								m (ft)	
9.0 m (30 ft)	kg					*2920	*2920	*3570	*3570
	lb					*6440	*6440	*7870	*7870
7.5 m (25 ft)	kg							*3260	*3260
	lb							*7190	*7190
6.0 m (20 ft)	kg							*3720	*3720
	lb							*8200	*8200
4.5 m (15 ft)	kg					*4750	*4750	*4140	*4140
	lb					*10470	*10470	*9130	*9130
3.0 m (10 ft)	kg			*9680	*9680	*6180	*6180	*4810	*4810
	lb			*21340	*21340	*13620	*13620	*10600	*10600
1.5 m (5 ft)	kg			*9550	*9550	*7590	7450	*5500	4770
	lb			*21050	*21050	*16730	16420	*12130	10520
Ground Line	kg			*9930	*9930	*8400	7040	*5990	4530
	lb			*21890	*21890	*18520	15520	*13210	9990
-1.5 m (-5 ft)	kg	*8850	*8850	*12790	11890	*8470	6880	*6100	4410
	lb	*19510	*19510	*28200	26210	*18670	15170	*13450	9720
-3.0 m (-10 ft)	kg	*12280	*12280	*11380	*11380	*7840	6900	*5690	4410
	lb	*27070	*27070	*25090	*25090	*17280	15210	*12540	9720
-4.5 m (-15 ft)	kg			*8920	*8920	*6300	*6300		
	lb			*19670	*19670	*13890	*13890		

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. 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)	
									
								Capacity	
								Reach	
								m (ft)	
9.0 m (30 ft)	kg								
	lb								
7.5 m (25 ft)	kg								
	lb								
6.0 m (20 ft)	kg								
	lb								
4.5 m (15 ft)	kg								
	lb								
3.0 m (10 ft)	kg								
	lb								
1.5 m (5 ft)	kg								
	lb								
Ground Line	kg								
	lb								
-1.5 m (-5 ft)	kg								
	lb								
-3.0 m (-10 ft)	kg								
	lb								
-4.5 m (-15 ft)	kg								
	lb								

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

Load point height m (ft)		Load radius				At max. reach			
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)	
									
								Capacity	
								Reach	
								m (ft)	
9.0 m (30 ft)	kg								
	lb								
7.5 m (25 ft)	kg								
	lb								
6.0 m (20 ft)	kg								
	lb								
4.5 m (15 ft)	kg								
	lb								
3.0 m (10 ft)	kg								
	lb								
1.5 m (5 ft)	kg								
	lb								
Ground Line	kg								
	lb								
-1.5 m (-5 ft)	kg								
	lb								
-3.0 m (-10 ft)	kg								
	lb								

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

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

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

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

Load point height m (ft)		Load radius				At max. reach			
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)	
									
								Capacity	
								Reach	
								m (ft)	
9.0 m (30 ft)	kg								
	lb								
7.5 m (25 ft)	kg								
	lb								
6.0 m (20 ft)	kg								
	lb								
4.5 m (15 ft)	kg								
	lb								
3.0 m (10 ft)	kg								
	lb								
1.5 m (5 ft)	kg								
	lb								
Ground Line	kg								
	lb								
-1.5 m (-5 ft)	kg								
	lb								
-3.0 m (-10 ft)	kg								
	lb								

Boom: 5.65 m (18' 6") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

Load point height m (ft)		Load radius				At max. reach			
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)	
									
								Capacity	
								Reach	
								m (ft)	
9.0 m (30 ft)	kg								
	lb								
7.5 m (25 ft)	kg								
	lb								
6.0 m (20 ft)	kg								
	lb								
4.5 m (15 ft)	kg								
	lb								
3.0 m (10 ft)	kg								
	lb								
1.5 m (5 ft)	kg								
	lb								
Ground Line	kg								
	lb								
-1.5 m (-5 ft)	kg								
	lb								
-3.0 m (-10 ft)	kg								
	lb								

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

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

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

LIFTING CAPACITY

Rating over-front

Rating over-side or 360 degrees

HX235 LCR

Boom: 5.65 m (18' 6") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach	
											m (ft)	
9.0 m (30 ft)	kg lb	*5600 *12350	*5600 *12350							*5830 *12850	*5830 *12850	5.31 (17.4)
7.5 m (25 ft)	kg lb	*6240 *13760	*6240 *13760	*5830 *12850	*5830 *12850					*4760 *10490	3880 8550	7.10 (23.3)
6.0 m (20 ft)	kg lb	*6390 *14090	*6390 *14090	*6570 *14480	*6570 *14480	*5480 *12080	5140 11330			*4290 *9460	2950 6500	8.15 (26.7)
4.5 m (15 ft)	kg lb	*10370 *22860	*10370 *22860	*7270 *16030	*7270 *16030	*5720 *12610	4960 10930	*4040 *8910	3310 7300	*3980 *8770	2500 5510	8.77 (28.8)
3.0 m (10 ft)	kg lb			*8170 *18010	7380 16270	*6050 *13340	4670 10300	*4790 *10560	3200 7050	*3720 *8200	2290 5050	9.06 (29.7)
1.5 m (5 ft)	kg lb			*8620 *19000	6770 14930	*6220 *13710	4380 9660	*4740 *10450	3060 6750	*3420 *7540	2240 4940	9.06 (29.7)
Ground Line	kg lb	*8940 *19710	*8940 *19710	*8190 *18060	6450 14220	*5980 *13180	4180 9220	*4400 *9700	2960 6530	*3010 *6640	2350 5180	8.77 (28.8)
-1.5 m (-5 ft)	kg lb	*8500 *18740	*8500 *18740	*6940 *15300	6370 14040	*5160 *11380	4110 9060			*2360 *5200	*2360 *5200	8.15 (26.7)
-3.0 m (-10 ft)	kg lb			*4860 *10710	*4860 *10710	*3490 *7690	*3490 *7690					

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

Load point height m (ft)	Load radius								At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	Reach	
											m (ft)
9.0 m (30 ft)	kg *4950	*4950	*3120	*3120					*4630	*4630	6.19
	lb *10910	*10910	*6880	*6880					*10210	*10210	(20.3)
7.5 m (25 ft)			*4750	*4750	*3400	*3400			*4050	3560	7.75
			*10470	*10470	*7500	*7500			*8930	7850	(25.4)
6.0 m (20 ft)	kg *4760	*4760	*5190	*5190	*4840	*4840	*2180	*2180	*3820	2800	8.71
	lb *10490	*10490	*11440	*11440	*10670	*10670	*4810	*4810	*8420	6170	(28.6)
4.5 m (15 ft)	kg *6690	*6690	*6760	*6760	*5420	5370	*4250	3600	*3650	2410	9.29
	lb *14750	*14750	*14900	*14900	*11950	11840	*9370	7640	*8050	5310	(30.5)
3.0 m (10 ft)	kg *12100	*12100	*7760	*7760	*5820	5060	*4670	3450	*3430	2220	9.56
	lb *26680	*26680	*17110	*17110	*12830	11160	*10300	7610	*7560	4890	(31.4)
1.5 m (5 ft)	kg *9380	*9380	*8470	7400	*6110	4730	*4710	3290	*3180	2180	9.56
	lb *20680	*20680	*18670	16310	*13470	10430	*10380	7250	*7010	4810	(31.4)
Ground Line	kg *9730	*9730	*8370	6970	*6040	4480	*4520	3160	*2850	2270	9.29
	lb *21450	*21450	*18450	15370	*13320	9880	*9960	6970	*6280	5000	(30.5)
-1.5 m (-5 ft)	kg *9980	*9980	*7420	6810	*5440	4360	*3890	3100	*2330	*2330	8.71
	lb *22000	*22000	*16360	15010	*11990	9610	*8580	6830	*5140	*5140	(28.6)
-3.0 m (-10 ft)	kg	*7060	*5650	*5650	*4130	*4130					
	lb	*15560	*12460	*12460	*9110	*9110					

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

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

3. The load point is a hook (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

Rating over-front

Rating over-side or 360 degrees

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

Load point height m (ft)	Load radius								At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	Reach	
										m (ft)	
9.0 m (30 ft)	kg *4950	*4950	*3120	*3120					*4630	*4630	6.19
	lb *10910	*10910	*6880	*6880					*10210	*10210	(20.3)
7.5 m (25 ft)			*4750	*4750	*3400	*3400			*4050	3340	7.75
			*10470	*10470	*7500	*7500			*8930	7360	(25.4)
6.0 m (20 ft)	kg *4760	*4760	*5190	*5190	*4840	*4840	*2180	*2180	*3820	2610	8.71
	lb *10490	*10490	*11440	*11440	*10670	*10670	*4810	*4810	*8420	5750	(28.6)
4.5 m (15 ft)	kg *6690	*6690	*6760	*6760	*5420	5040	*4250	3360	*3650	2240	9.29
	lb *14750	*14750	*14900	*14900	*11950	11110	*9370	7410	*8050	4940	(30.5)
3.0 m (10 ft)	kg *12100	*12100	*7760	7560	*5820	4730	*4670	3220	*3430	2060	9.56
	lb *26680	*26680	*17110	16670	*12830	10430	*10300	7100	*7560	4540	(31.4)
1.5 m (5 ft)	kg *9380	*9380	*8470	6870	*6110	4400	*4710	3060	*3180	2010	9.56
	lb *20680	*20680	*18670	15150	*13470	9700	*10380	6750	*7010	4430	(31.4)
Ground Line	kg *9730	*9730	*8370	6450	*6040	4160	*4520	2930	*2850	2100	9.29
	lb *21450	*21450	*18450	14220	*13320	9170	*9960	6460	*6280	4630	(30.5)
-1.5 m (-5 ft)	kg *9980	*9980	*7420	6290	*5440	4040	*3890	2870	*2330	*2330	8.71
	lb *22000	*22000	*16360	13870	*11990	8910	*8580	6330	*5140	*5140	(28.6)
-3.0 m (-10 ft)	kg	*7060	*5650	*5650	*4130	4050					
	lb	*15560	*12460	*12460	*9110	8930					

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

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

3. The load point is a hook (standard equipment) located on the back of the bucket.

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

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ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
HYDRAULIC SYSTEM		
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control	●	
CABIN & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights		●
Cabin front window rain guard	●	
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
Four front working lights	●	
Travel alarm	●	
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device	●	
Safety lock valve for arm cylinder		●
Swing Lock System		●
Two outside rearview mirrors	●	
OTHER		
Booms		
5.68 m; 18' 8" Mono	●	
5.65 m; 18' 6" 2-Piece		●
Arms		
2.0 m; 6' 7"		●
2.4 m; 7' 10"		●
2.92 m; 9' 7"	●	
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer (single)	●	
Fuel warmer (dual)		●
Self-diagnostics system	●	
Hi MATE (Remote Management System)	●	
Batteries (2 x 12 V x 100 Ah)	●	
Fuel filler pump (50 l/min)		●
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Rotating Piping Kit		●
Quick coupler piping		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grouser shoe (600 mm; 24")	●	
Triple grouser shoe (700 mm; 28")		●
Triple grouser shoe (800 mm; 32")		●
Triple grouser shoe (900 mm; 36")		●
Track rail guard	●	

STD = Standard
OPT = Optional

- * Standard and optional equipment may vary. Contact your Hyundai dealer for more information.
- * The machine may vary according to International standards.
- * The photos may include attachments and optional equipment that are not available in your area.
- * Materials and specifications are subject to change without advance notice.
- * All imperial measurements rounded off to the nearest pound or inch.
- * The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant HFC-134a (Global Warming Potential = 1430). The system contains 0.75 kg of refrigerant which has a CO₂ equivalent of 1.0725 metric tonne.



PLEASE CONTACT

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