# SPECIFICATIONS HX220A LR

**Net Power** 170 HP (127 kW) at 2,200 rpm Standard Bucket 0.52 m³ (0.68 yd³) **Operating Weight** 25,420 (56,040)



Powered By Cummins Performance Series Engine

ENGINE	
Maker / Model	Cummins B6.7
Туре	Tier 4F/ Stage V Emission Certified, 6 cylinder diesel engine with No Manual Regeneration.
Gross Power (SAE J1995)	173 HP (129 kW) at 2,200 rpm
Net Power (SAE J1349)	170 HP (127 kW) at 2,200 rpm
Max. Power	195 HP (145kW) at 2,000 rpm
Peak Torque	650 lb·ft (881 N·m) at 1,300 rpm
Displacement	6,700 cc (408 cu in)

Peak Torque		טטט וטיונ (סס ו ויויוו) מנ ו,טטט רףווו	
Displacement		6,700 cc (408 cu in)	
HYDRAU	LIC SYSTEM		
MAIN PUN	ЛР		
Туре		Variable Displacement Tandem Axis Piston Pumps	
Max. Flow		2 x 51 gpm (2 × 221 l/min)	
Sub-Pump	For Pilot Circuit	Gear Pump	
AUXILIAR	Y PRESSURE		
210/	Flow (I/min)	26~116 gpm / (100~440 lpm)	
2 Way	Pressure (bar)	1,450~5,076 psi / (100~350 bar)	
Datation	Flow (I/min)	14 gpm / (52.7 lpm)	
Rotating	Pressure (bar)	2,321 psi / (160 bar)	
HYDRAUL	IC MOTORS		
Travel		Two speed axial pistons motor with brake valve and parking brake	
Swing		Axial piston motor with automatic brake	
RELIEF VA	LVE SETTING		
Implement Circuits		350 kgf/cm <sup>2</sup> (4,980 psi)	
Travel		350 kgf/cm <sup>2</sup> (4,980 psi)	
Power Boost (Boom, Arm, Bucket)		380 kgf/cm² (5,400 psi)	
Swing Circuit		290 kgf/cm <sup>2</sup> (4,125 psi)	
Pilot Circuit		40 kgf/cm <sup>2</sup> (570psi)	
Service Valve		Installed	
HYDRAUL	IC CYLINDERS		
No. of Cylinder Bore X Stroke		Boom: Ø120×1,290 mm	
		Arm: Ø140×1,510 mm	
		Bucket: Ø120×1,055 mm	

DRIVES & BRAKES	
Drive Method	Fully Hydrostatic Type
Drive Motor	Axial Piston Motor, In-Shoe Design
Reduction System	Planetary Reduction Gear
Max. Drawbar Pull	20,800 kgf (45,860 lbf)
Max. Travel Speed (High / Low)	5.4 km/hr (3.4 mph) / 3.5 km/hr (2.2 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, Boom and Bucket
Traveling And Steering	Two Levers With Pedals
Engine Throttle	Electric, Dial Type

# **OPERATING WEIGHT (APPROXIMATE)**

Operating weight, including 8.2 m (26' 11") boom, 6.3 m (20' 8") arm, SAE heaped  $0.52 \text{ m}^3$  ( $0.68 \text{ yd}^3$ ) bucket, 800 mm (32" shoe), lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

#### **OPERATING WEIGHT**

Shoes		Operating Weight		Ground Pressure
Туре	Width mm (in)	kg (lb)		kgf/cm² (psi)
	800 (32")	HX220A LR	25,420 (56,040)	0.36 (5.16)
	900 (36")	HX220A LR	25,701 (56,660)	0.33 (4.64)

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	11.4 rpm

COOLANT & LUBRICANT CAPACITY			
	LITER	US gal	
Fuel Tank	400	106	
Engine Coolant	40	10.6	
Engine Oil	23.1	6.1	
Swing Device	6.2	1.64	
Final Drive (Each)	4.5	1.2	
Hydraulic System (Including Tank)	275	72.6	
Hydraulic Tank	155	40.9	
DEF/AdBlue <sup>28</sup>	48	12.6	

# **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

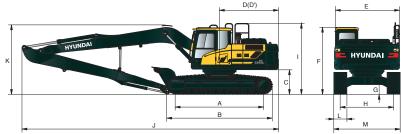
### **CAB NOISE LEVEL**

Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly aintained cabin or exposed to a noisy environment by leaving doors and/or windows open. With cooling fan speed at maximum value:

Operator sound pressure level (ISO 6396:2008)	70 dB(A)	
Exterior sound power level (ISO 6395:2008)	98 dB(A)	

<sup>\*</sup> Distance of 15 m (49.2 ft), moving forward in second gear ratio



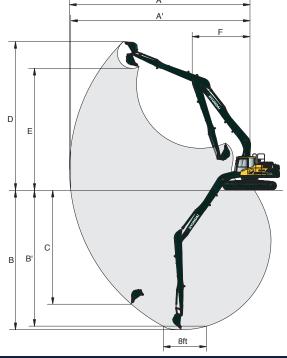


HX220AL LONG REACH DIMENSIONS	Unit: mm (ft·in)
A Tumbler Distance	3,650 (12' 0")
B Overall Length of Crawler	4,404 (14' 4")
C Ground Clearance of Counterweight	1,060 (3' 6")
D Tail Swing Radius	2,890 (9' 5")
D' Rear-End Length	2,770 (9' 1")
E Overall Width of Upperstructure	2,740 (9' 0")
F Overall Height of Cab	3,000 (9' 8")
G Min. Ground Clearance	470 (1' 7")
H Track Gauge	2,390 (7' 10")
I Overall Height of Guardrail	3,210 (10' 5")

Boom Length	8,200 (26' 11")
Arm Length	6,300 (20' 8")
J Overall Length	12,030 (39' 6")
K Overall Height Of Boom	3,280 (10' 9")
L Track Shoe Width	800 (32")
M Overall Width	3,190 (10' 6")

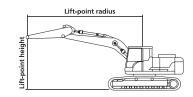
* This figure includes	the size of	grousers.
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HX220AL LONG REACH WORKING RANGE	Unit : mm (ft·in)
Boom Length	8,200 (26' 11")
Arm Length	6,300 (20' 8")
A Max. Digging Reach	15,220 (50' 0")
A' Max. Digging Reach On Ground	15,120 (49' 7")
B Max. Digging Depth	11,760 (38' 7")
B' Max. Digging Depth (8' Level)	11,650 (38' 3")
C Max. Vertical Wall Digging Depth	9,610 (31' 6")
D Max. Digging Height	12,550 (41' 2")
E Max. Dumping Height	10,280 (33' 8")
F Min. Swing Radius	4,870 (16' 0")



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HX220AL LONG REACH DIG	GING FORCE		
Daam	Length		8,200 (26' 11")
Boom	Weight	kg (lb)	2,350 (5,180)
	Length	mm (ft.in)	6,300 (20'8")
Arm	Weight	kg (lb)	1,330 (2,930)
		kN	72.7
	SAE	kgf	7,410
Bucket		lbf	16,340
Digging Force		kN	85.0
	ISO	kgf	8,670
		lbf	19,110
		kN	48.9
	SAE	kgf	4,990
Arm		lbf	11,000
Crowd Force		kN	49.9
	ISO	kgf	5,090
		lbf	11,220





# **Lifting Capacity**

Boom: 8.2 m (26' 11")

Capacities based on North American Standard Configuration

in accordance with ISO condition 2 standard

Arm: 6.3 m (20' 8")

Rating over front

Bucket: 0.52 m³ (0.68 yd³) SAE heaped

		) mm (	•	,		•	,300 k	g (11,6	80 lb)								Ra	ting ov		5	odegre	U
Lift-po	int	4.5	(4.051)	2.0	(0.0(1)	4.5	(44.051)	60 /	40.7(1)	Lift-poir			20 E(1)	40.5	(24.45)	42.0	(20.45)	42.5	(44.20)		max. rea	
heigh	nt	1.5m( 卯			(9.8ft)		(14.8ft)	6.0m( 甲		7.5m (i		9.0m ( 卯			(34.4ft)		(39.4ft)	13.5m(		Capa 卵		Reach
(m/ft	:)	- U				U		U		Ů		Ů		U		Ů		Ů		<b>U</b>		m (ft)
10.5m	kg													*1180	*1180					*870	*870	10.88
34.4ft	lb													*2600	*2600					*1920	*1920	(35.7)
9.0m	kg																			*820	*820	11.94
29.5ft	lb																			*1810	*1810	(392)
7.5m	kg													*1870	*1870	*1410	*1410			*790	*790	12.74
24.6ft	lb													*4120	*4120	*3110	*3110			*1740	*1740	(41.8)
6.0m	kg													*1990	*1990	*1780	*1780			*790	*790	13.31
19.7ft	lb													*4390	*4390	*3920	*3920			*1740	*1740	(43.7)
4.5m	kg											*2290	*2290	*2170	*2170	*2080	*2080	*1050	*1050	*800	*800	13.70
14.8ft	lb											*5050	*5050	*4780	*4780		*4590	*2310	*2310	*1760	*1760	(45.0)
3.0m	kg									*2980	*2980	*2630	*2630	*2400	*2400	*2250	2000	*1340	*1340	*830	*830	13.92
9.8ft	lb									*6570	*6570	*5800	*5800	5290	5290	*4960	4410	*2950	*2950	*1830	*1830	(45.7)
1.5m	kg			*2800	*280	*6330	*6330	*4470	*4470	*3530	*3530	*2990	*2990	*2640	2400	*2410	1910	*1490	*1490	*880	*880	13.97
4.9ft	lb			*6170	*6170	*13960	*13960	*9850	*9850	*7780	*7780	*6590	*6590	*5820	5290	*5310	4210	*3280	*3280	*1940	*1940	(45.8)
0.0m	kg			*2410	*2410	*6270	*6270	*5260	5000	*4050	3710	*3340	2870	*2880	2270	*2580	1830	*1470	*1470	*950	*950	13.85
0.0ft	lb			*5310	*5310	*13820	*13820	*11600	11070	*8930	8180	*7360	6330	*6351	5000	*5690	4000	*3240	*3240	*2000	*2000	{45.4)
-1.5m	kg	*1990	*1990	*2980	*2980	*5610	*5610	*5830	4690	*4460	3480	*3630	2710	*3090	2160	*2720	1760	*1170	*1170	*1040	*1040	13.57
-4.9ft	lb	*4390	*4390	*6570	*6570	*12370	*12370	*12850	10340	*9830	7670	*8000	5970	*6810	4760	*6000	3880	*2580	*2580	*2290	*2290	(44.5)
-3.0m	kg	*2870	*2870	*3800	*3800	*6050	*6050	*6170	4510	*4750	3330	*3850	2600	*3250	2090	*2810	1710			*1180	*1180	13.11
-9.8ft	lb	*6330	*6330	*8380	*8380	*13340	*13340	*13600	9940	*10470	7340	*8490	5730	*7170	4610	*6190	3770			*2600	*2600	(43.0)
-4.5m	kg	*3790	*3790	*4800	*4800	*7020	6750	*6290	4450	*4880	3270	*3960	2540	*3320	2050	*2380	1700			*1390	*1390	12.45
-14.8ft	lb	*8360	*8360	*10580	*10580	*15480	14880	*13870	9810	*10760	7210	*8730	5600	*7320	4520	*5250	3750			*3060	*3060	(40.9)
-6.0m	kg	*4800	*4800	*5970	*5970	*8340	6840	*6190	4470	*4850	3270	*3930	2550	*3250	2070						*1720	11.56
-19.7ft	lb	*10580	*10580	*13160	*13160	*18390	15080	*13650	9850	*10690	7210	*8660	5620	*7170	4560					*3790	*3790	(37.9)
-7.5m	kg	*5950	*5950	*7410	*7410	*7740	7040	*5830	4590	*4600	3350	*3700	2620							*2300	2190	10.37
-24.6ft	lb	*13120	*13120	*16340	*16340	*17060	15520	*12850	10120	*10140	7390	*8160	5780							*5070	4830	(34.0)
-9.0m	kg			*9290	*9290	*6700	*6700	*5100	4790	*3980	3520									*3160	2880	8.77
-29.5ft	lb			*20480	*20480	*14770	*14770	*11240	10560	*8770	7760									*6970	6350	(28.8)

#### NOTES

- 1. Lifting capacities are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- 4. (\*) indicates load limited by hydraulic capacity.

HYDRAULIC SYSTEM		
Electric Positive Flow Control (EPFC)		
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	•	
CAB & INTERIOR		
ISO Standard cabin		
Rise-Up Type Windshield Wiper	•	
Radio / USB Player	•	
Handsfree Mobile Phone System with USB	•	
12V Power Outlet (24V DC to 12V DC converter)	•	
Electric Horn	•	
All-Weather Steel Cab with 360° Visibility	•	
Safety glass - Tempered glass	•	
Safety glass - Tempered glass with front laminated glass		•
Sliding Fold-In Front Window	•	
Sliding Side Window (LH)	•	
Lockable Door	•	
Hot & Cool Box	•	
Storage Compartment	•	
Ashtray & Cigar Lighter		•
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	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather Centralized monitoring	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather  Centralized monitoring 8" LCD Display	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather Centralized monitoring 8" LCD Display Engine Speed or Trip Meter / Accel.	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather  Centralized monitoring 8" LCD Display Engine Speed or Trip Meter / Accel. Engine Coolant Temperature Gauge	•	
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	•	
Defroster Starting Aid (Air Grid Heater) for Cold Weather  Centralized monitoring 8" LCD Display Engine Speed or Trip Meter / Accel. Engine Coolant Temperature Gauge	•	
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	•	•
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	•	•
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 warning with alarm	•	•
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 warning with alarm Check Engine	•	•
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 warning with alarm Check Engine Air Cleaner Clogging	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges Fuel Level Gauge	0	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges Fuel Level Gauge Hyd. Oil Temperature Gauge	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges Fuel Level Gauge Hyd. Oil Temperature Gauge Fuel Warmer Warnings Communication Error	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges Fuel Level Gauge Hyd. Oil Temperature Gauge Fuel Warmer Warnings Communication Error Low Battery	•	•
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 warning with alarm Check Engine Air Cleaner Clogging Indicators ECO Gauges Fuel Level Gauge Hyd. Oil Temperature Gauge Fuel Warmer Warnings Communication Error Low Battery Clock	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•
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 warning with alarm 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		•
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 warning with alarm 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		•
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 warning with alarm 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		•
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 warning with alarm 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		•
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 warning with alarm 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		•
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 warning with alarm 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 FOG (ISO 10262) Level 2		•
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 warning with alarm 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 FOG (ISO 10262) Level 2 FOG (Falling Object Protective Structure) ISO 10262 Level 2		•
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 warning with alarm 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 FOG (ISO 10262) Level 2		•

SAFETY	STD	OP
Battery Master Switch	•	
Rearview Camera	•	
AAVM (Advanced Around View Monitoring)		•
Four Front Working Lights (2 Boom Mounted, 2 Front Frame Mounted)	•	
Travel Alarm	•	
Rear Work Lamp		•
Beacon Lamp		•
Automatic Swing Brake	•	
Boom Holding System	•	
Arm Holding System	•	
Safety Lock Valve For Boom Cylinder With Overload Warning Device		•
Safety Lock Valve For Arm Cylinder		•
Swing Lock System		•
Three Outside Rearview Mirrors	•	
Front Guard - Wire Net		•
OTHER		
Booms		
8.2 m, 26' 11" Long Reach	•	
Arms		
6.3 m, 20' 8" Long Reach	•	
Removable Clean-Out Dust Net For Cooler	•	
Removable Reservoir Tank	•	
Fuel Pre-Filter	•	
Fuel Warmer		•
Self-Diagnostics System	•	
Hi-MATE (Remote Management System)	•	
Batteries (2 $\times$ 12 V $\times$ 100 AH)	•	
Fuel Filler Pump (50 l/min)		•
Single-Acting Piping Kit (Breaker, Etc.)		•
Double-Acting Piping Kit (Clamshell, Etc.)	•	
Rotating Piping Kit		•
Quick Coupler Piping	•	
Quick Coupler	•	
Boom Floating Control		•
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 Grousers Shoe (800 mm, 32")	•	
Triple Grousers Shoe (900 mm, 36")		•
Track Rail Guard	•	
Full Track Rail Guard		•

- \* 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.



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