

HX300

The Next Generation of Excavators

32.6 Ton Large Excavator

278 HP / 1,800 rpm



HYUNDAI



ABOVE AND BEYOND

THE NEXT GENERATION OF EXCAVATORS

HD Hyundai Construction Equipment's vision of delivering a refined yet dignified design, offering customers an experience of understated elegance and sophistication.

Productivity

Enhanced Operating Performance and Durability

FEH (Fully Electro-Hydraulic) System

Top-Level Lifting Power and Stability

Machine Guidance(2D) & Smart Control

Breaker Assist & Auto Breaker

New Designed Joystick

Weighing

Enhanced Predictive & Preventive Maintenance Functions

Non-Face-to-Face Remote Diagnosis & Response Functions

Real-time Flow Control and Optimization

Safety

SAVM (Smart Around View Monitoring)

- AI-powered real-time detection and alert system for surrounding individuals.

Lifting Performance Visualization & Risk Warning System

Lift Assist Pro

- Real-time tip-over alerts and equipment status monitoring

Operator Guide and Work Efficiency Enhancement

Auto Stop

- Provides 330° obstacle detection up to 6 m with visual and audible alerts

Comfort

User-Friendly Interface

Cabin Design Maximizing Operator Convenience

Ambient Light Application

Providing Top-Level Operational Convenience

FEH (Electronic Hydraulic Control) System Application

Fuel Efficiency Improvement and Efficiency Maximization

Smart & Serviceability

Digital Platform 'HYUNDAI CONNECT'

Digital Key Function (Hyundai Connect App Integration)

Equipment Operation History Inquiry and Analysis

- Optimized Fleet & Rental Equipment Management

PRODUCTIVITY

Powerful sophistication that takes you further ahead

The HX300L's high-performance engine with a robust design delivers outstanding fuel efficiency and high productivity. It provides a comfortable work environment for the operator to work more precisely and efficiently.



FEH (Fully Electro-Hydraulic) System

The new machines have a FEH system that improves fuel consumption by controlling flow rate via a CPU.



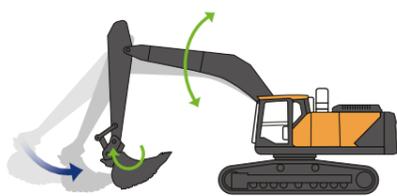
Equipped with HYUNDAI engine

The HX400L and HX360L have a new high-performance Stage V Hyundai engine, with enhanced durability and improved ease of maintenance.



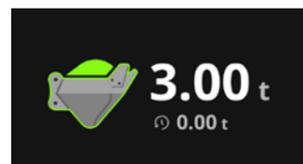
Enhanced digging force

A large-capacity bucket with improved cutting edge has greatly increased productivity compared to the standard bucket size.



Grade Control

The boom and bucket are automatically controlled by simply operating the arm. This makes levelling easier and improves precision.



Weighing

By estimating and displaying the weight of objects in the bucket in real time, you can calculate truck costs and shipping volumes on site.



SAFETY

Enhanced safety with a strong exterior

The true value of the HX400L comes from its durability and high productivity.

The strong upper and lower structures can withstand external shocks and high-load operations, and the work performance verified by rigorous performance tests provides high reliability even in harsh environments.



Cabin guard

A guard is installed to protect the operator from falling objects from above during work in rough terrain such as mines.



New designed counterweight

A newly designed counterweight enhances the machine's powerful appearance and gives customers a sense of pride.



Built-in rear lamp and camera

A rear lamp and camera are built into the counterweight, increasing their durability and improving the exterior design.



Side Access

New model is designed to make operator to get maintenance easy by giving side access structure in order to climb up the machine.



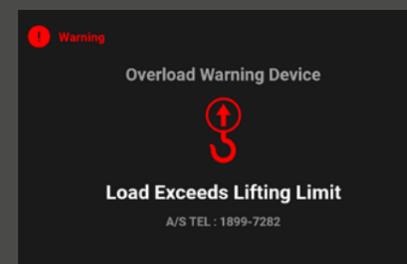
Beacon lamp

Four beacon lamps mounted on the upper corner of the cabin help when there is poor visibility due to dust on site.



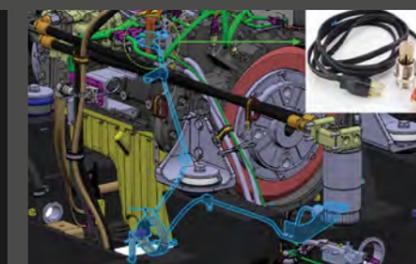
Enhanced Boom and Arm durability

Both the boom and arm have been redesigned to be more durable by increasing the box size of the boom and changing the structure of the arm.



Overload warning notification

When an overload is detected, a first warning is displayed. Following that, a colored notification fully informs the operator of the risk of overturning.



Improved start-up in ultra-low temperature environments **OPTION**

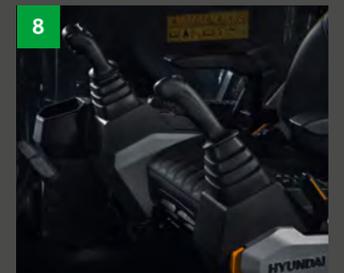
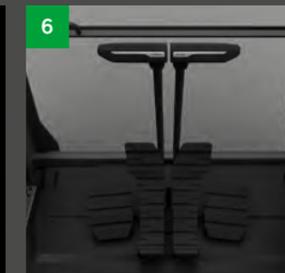
The engine's internal temperature is increased by heating the coolant with electric heaters in the engine through an external power source, which helps start the engine in extremely cold environments. It is compatible with both 110V and 220V, depending on the region's operating environment.

COMFORT

Interior that completes a comfortable journey

The interior design reflects the strength and dignity of Hyundai Construction Equipment, and incorporates productivity and convenience.

The advanced infotainment system with advanced convenience technology completes an efficient work journey and provides a comfortable working environment.



1. 12.8-inch large screen

The large 12.8-inch FHD screen provides excellent legibility compared to the 8-inch screen of the previous model. It can also be divided into sections, allowing the operator to check multiple conditions at once.

2. More comfortable seats

Three options of seat are available to make all operators feel comfortable in any work environment.

3. Stylish interior lighting

The H-line interior lighting adds value and sophistication to the interior.

4. Premium-quality colors

With more refined colors than our existing products, it enhances the dignity of on-site professionals.

5. Modern audio system

DAB functionality enables Bluetooth and digital radio broadcast reception. It supports up to 2 channel + 2 way of speaker output.

6. Separate driving straight-ahead pedal

When driving long distances, the equipment can be driven straight with a separate straight-ahead pedal without a separate switch. When not in use, the pedal can be used as a footrest by locking the function.

7. Improved lever operability and electro-hydraulic system

The spring strength has been adjusted ergonomically to improve the operator's comfort and the electro-hydraulic system has been applied to optimize performance and enhance safety.

8. Convenient joystick steering

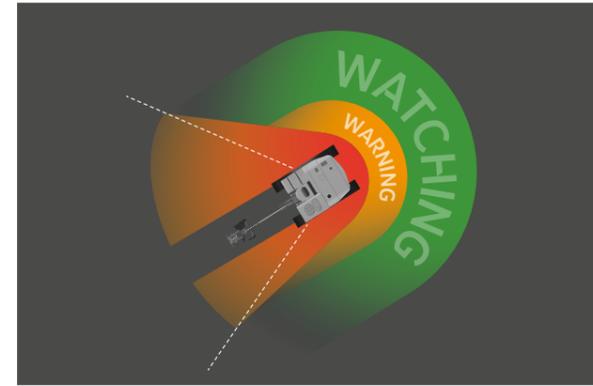
The joystick steering that comes as standard, allows operators to drive forwards, backwards and turn left or right.

SMART

Technology that makes safety perfect

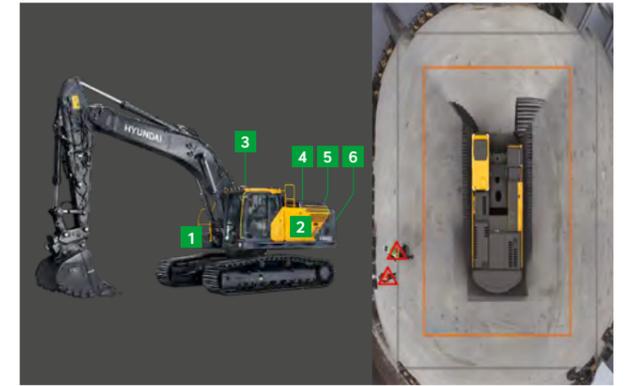
With cutting-edge technology and design optimized for hazardous work environments, safety of operators is guaranteed.

By allowing operators to focus on their work without worrying about safety issues, it will become a reliable partner on the grand journey.



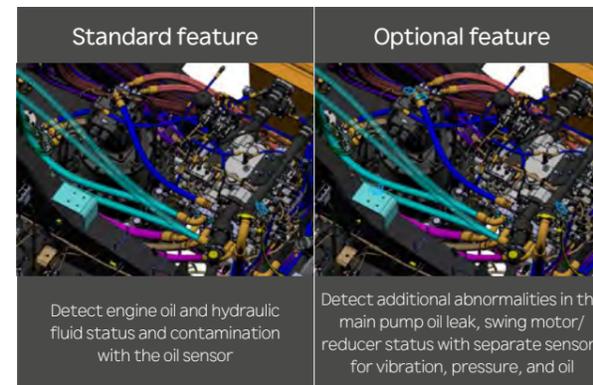
Auto Stop **OPTION**

This provides a 330-degree detection angle to the left and right side of the machine covering 6-meters. When an obstacle is detected, visual and audible alerts are activated, and if a person enters this range, the machine proactively slows down or stops to prevent potential hazards.



SAVM (Smart Around View Monitoring) **OPTION**

SAVM detects people and objects around the equipment in real time using AI and displays warning signs on the monitor. Six cameras allow you to view a video on a big 12.8-inch screen.



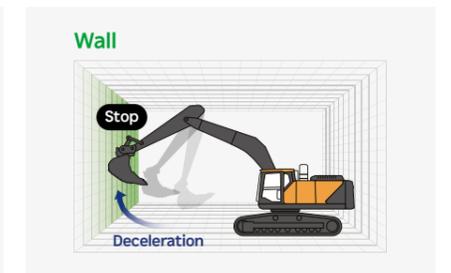
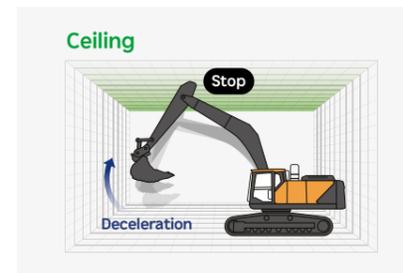
EHM (Equipment Health Monitoring)

EHM provides real-time monitoring and diagnosis of equipment, to prevent catastrophic failures and avoid machine downtime.



White noise buzzer

The white noise alert tone using wideband frequency quickly notifies the location of the equipment, and the sound wave quickly dissipates compared to a general buzzer, eliminating noise complaints from the surrounding area.



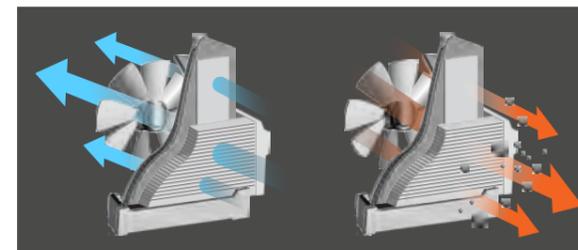
E-Boundary smart control for improved safety

You can set a virtual restricted area based on the local coordinate system of the equipment. It improves safety by warning the operator when there is a risk of contact with areas such as the floor, ceiling and wall

SERVICEABILITY

Convenient maintenance with smart technology

We are creating smart construction sites with digital technology based on IoT, ICT, and AI. You can control and monitor the site using a computer or smartphone, allowing for more efficient work time management.



Easy maintenance and cleaning with reversible fan

The reversible fan function allows for easy maintenance and cleaning of the fan, which increases maintainability and helps to increase the equipment's durability.



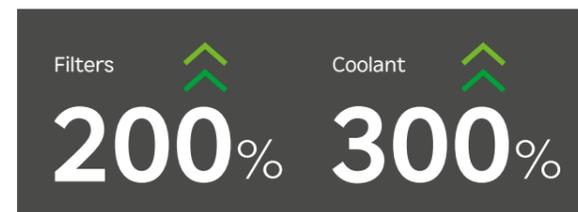
Simplified after-treatment device

The simplified integrated after-treatment device minimizes failure factors and applies an automatic after-treatment device regeneration system that does not require frequent forced regeneration.



Increased convenience of replacing filters

The filters in the pump room have been rearranged and the opening area of the filter cover has been expanded to improve the ease of maintenance.

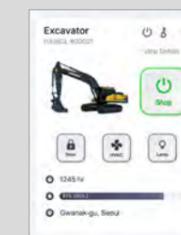


Long-life filters and coolant

Replacement intervals for engine oil, engine oil filters, and fuel filters have been extended from 500 to 1,000 hours (when CK-4 engine oil is used) and coolant replacement intervals have been extended from 2,000 to 6,000 hours.

HYUNDAI CONNECT

HYUNDAI CONNECT is the latest technology that allows you to check and manage the operating status of equipment, the presence of any abnormalities, and consumable information that requires periodic management, using a computer or smartphone via the mobile phone network. You can check the status of equipment in operation on site, even in the office or on the move, without any time or space constraints, and manage the equipment along with service selection.



Digital Key & Remote Start/Climate Control

With the Hyundai Connect app, you can start the equipment and remotely control various functions (climate control, horn, lamps, door lock/unlock) without a physical key. You can register multiple drivers using

a smartphone and preheat the equipment or adjust the cabin for a comfortable environment before boarding.



Location tracking and theft prevention function

You can check the location of your equipment through the Hyundai Connect web or mobile app and track its route if it is in motion. Additionally, you can set up alerts to prevent theft or misuse if the equipment moves outside a predefined area.



Maintenance notifications

If there is a risk of failure after notification and diagnosis of the consumable replacement cycle, the system provides tips on how to deal with the type of failure.



Fleet Monitoring Dashboard & Reports

Through the web and app, you can monitor equipment operation details such as working hours and idle time. You can also configure a dashboard to display key data, including fuel consumption and carbon emissions, or generate detailed equipment reports as needed.

SPECIFICATIONS

ENGINE

Maker / Model	HYUNDAI / DX08
Type	4-cycle, turbocharged, charge air cooled, controlled by ECU
Rated Power (ISO 14396)	279 HP (208 kW) at 1,800 rpm
Max. Power	279 HP (208 kW) at 1,800 rpm
Max. Torque	1,230 N·m (907 lb-ft) at 1,300 rpm

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. Oil Flow	2x285 ℓ/min (2x75.3 us gpm)
Rated speed	1,800

Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS

Travel	Variable displacement axial piston motor
Swing	Axial piston motor

RELIEF VALVE SETTING

Maximum pressure	350 kgf/cm ² (4,980 psi)
Maximum pressure(Power Boost)	380 kgf/cm ² (5,405 psi)

HYDRAULIC CYLINDERS

No. of Cylinder	Boom : Ø140x95 mm
Bore X Stroke	Arm : Ø150x105 mm Bucket : Ø135x90 mm

DRIVES & BRAKES

Drive Method	Variable displacement axial piston motor
Braking system	Automatic, spring applied hydraulic released
Max. Drawbar Pull	27,700 kgf/cm ² (76,941 lbf)
Max. Travel Speed (High / Low)	5.2 km/hr (3.23 mph), 3.4 km/hr (2.11 mph)
Gradeability	35° (70%)
Parking Brake	Main pressure, Hydraulic

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

SWING SYSTEM

Swing Motor	Fixed displacement axial piston motor
Swing Reduction	2-Stage Planetary Gear
Swing Brake	Solenoid, Hydraulic
Swing Speed	9.3 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel Tank	500	132.1	110
Engine Coolant	40	10.6	8.8
Engine Oil	35	9.2	7.66
Hydraulic System (Including Tank)	299	79	65.8
Hydraulic Tank	164	43.3	36.1
Def/Adblue®	74	19.5	16.3

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	48 EA
No. of Carrier Roller on Each Side	2 EA
No. of Track Roller on Each Side	9 EA

OPERATING WEIGHT (APPROXIMATE)

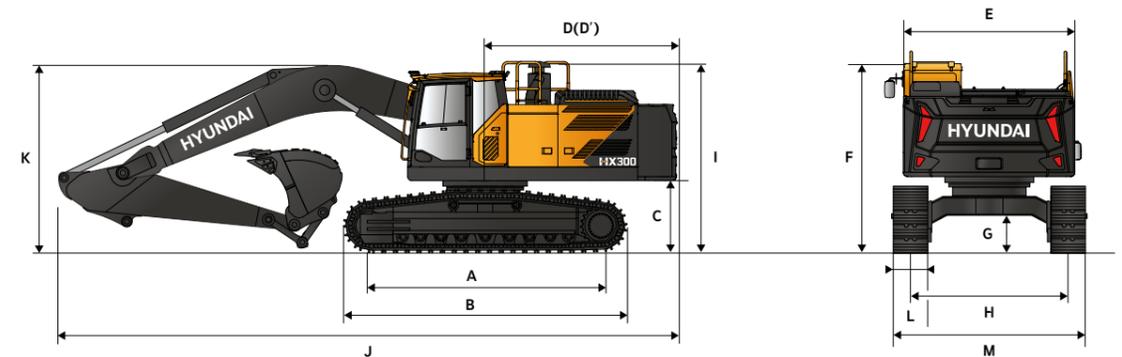
Operating weight, including 6,245 mm (20' 49") boom, 3,100 mm (10' 17") arm, SAE heaped 1.47 m³ (1.92 yd³) bucket, 5,400 kg (11,905 lb) counterweight, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

Shoes		Operating Weight		Ground Pressure
Type	Width mm(in)	kg (lb)		kgf/cm ² (psi)
Triple Grouser	600 (24")	HX300L	31,820 (70,151)	0.61 (8.67)
		HX300NL	31,740(69,975)	0.61 (8.67)
	700 (28")	HX300L	32,450(71,540)	0.53 (7.6)
		HX300L	32,840(72,400)	0.47 (6.68)
900 (36")	HX300L	33,230(73,260)	0.43 (6.06)	
	HX300L	32,600(71,870)	0.63 (8.91)	
Double Grouser	600 (24")	HX300L	32,600(71,870)	0.63 (8.91)

DIMENSIONS & WORKING RANGE

HX300L DIMENSIONS

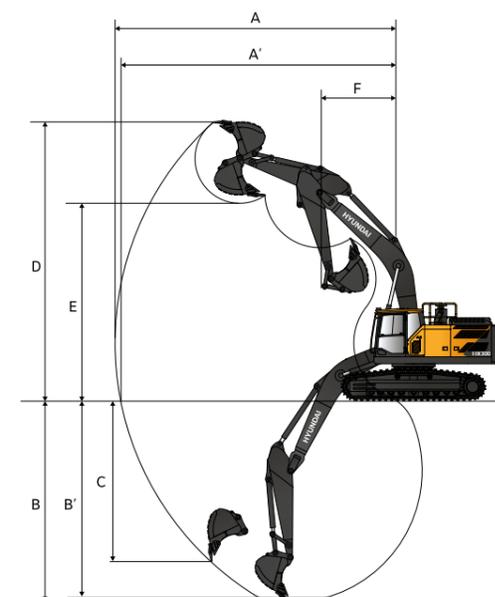


Unit : mm (ft · in)

A Tumbler Distance	4,040 (13' 25")
B Overall Length of Crawler (W/ Grouser)	4,946 (16' 23")
C Ground Clearance of Counter Weight (W/ Grouser)	1,132 (3' 71")
D Tail Swing Radius	3,230 (10' 6")
D' Rear-End Length	3,207 (10' 52")
E Overall Width of Upper Structure	2,990 (9' 81")
F Overall Height of Cab	3,235 (10' 61")
G Min. Ground Clearance	473 (1' 55")
H Track gauge	HX300L 2,600 (8' 53") HX300NL 2,400 (7' 10")
I Overall Height of Guardrail (W/ Grouser)	3,347 (10' 98")

Boom Length	6,245 (20' 49")				6,255 (2PCS) (20' 52")
Arm Length	2,500 (8' 2")	2,850 (9' 35")	3,100 (10' 17")	3,750 (12' 3")	3,100 (10' 17")
J Overall Length	10,684 (35' 05")	10,688 (35' 06")	10,585 (34' 72")	10,642 (34' 91")	10,640 (34' 9")
K Overall Height of Boom	3,470 (11' 38")	3,570 (11' 71")	3,316 (10' 88")	3,519 (11' 55")	3,448 (11' 31")
L Track Shoe Width	600 (24")	700 (28")	800 (32")	900 (36")	
M Overall Width w/o Additional Foot Board	HX300L	3,200 (10' 6")	3,300 (10' 82")	3,400 (11' 15")	3,500 (11' 48")
	HX300NL	3,000 (9' 84")	3,100 (10' 17")	3,200 (10' 6")	3,300 (10' 82")

HX300L WORKING RANGE



Unit : mm (ft · in)

Boom length	6,245 (20' 49")				6,255 (2PCS) (20' 52")
Arm length	2,500 (8' 2")	2,850 (9' 35")	3,100 (10' 17")	3,750 (12' 3")	3,100 (10' 17")
A Max. digging reach	10,110 (33' 17")	10,370 (34' 02")	10,670 (35' 01")	11,200 (36' 75")	10,810 (35' 47")
A' Max. digging reach on ground	9,910 (32' 51")	10,180 (33' 4")	10,480 (34' 38")	11,020 (36' 15")	10,620 (34' 84")
B Max. digging depth	6,680 (21' 92")	7,030 (23' 06")	7,280 (23' 88")	7,930 (26' 02")	6,980 (22' 9")
B' Max. digging depth (8' level)	6,450 (21' 16")	6,800 (22' 3")	7,090 (23' 26")	7,750 (25' 43")	6,880 (22' 57")
C Max. vertical wall digging depth	5,510 (18' 08")	5,610 (18' 4")	6,180 (20' 28")	6,610 (21' 69")	5,900 (19' 36")
D Max. digging height	9,910 (32' 51")	9,900 (32' 48")	10,210 (33' 5")	10,290 (33' 86")	12,010 (39' 4")
E Max. dumping height	7,010 (23')	7,040 (23' 09")	7,300 (23' 95")	7,420 (24' 34")	8,920 (29' 27")
F Min. swing radius	4,200 (13' 78")	4,050 (13' 29")	4,020 (13' 19")	4,070 (13' 35")	2,900 (9' 51")

LIFTING CAPACITY

Rating over-side or 360 degree Rating over-side or 360 degree

HX300L

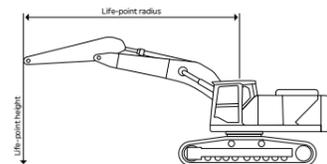
6.245 m (20' 49") HD boom, 2.85 m (9' 35") arm equipped with 5.4 ton counterweight and 600 mm(24") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach				
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity	Reach			
												m (ft)			
7.5m 24.6ft	kg lb										*7,210 *15,900	7,190 15,850	6.89 (22.6)		
6.0m 19.7ft	kg lb					*7,380 *16,270	*7,380 *16,270	*7,230 *15,940	6,200 13,670		*7,280 *16,050	5,710 12,590	7.86 (25.8)		
4.5m 14.8ft	kg lb					*10,360 *22,840	*10,360 *22,840	*8,510 *18,760	*8,510 *18,760	*7,670 *16,910	6,060 13,360	*7,360 *16,230	4,970 10,960	8.46 (27.8)	
3.0m 9.8ft	kg lb					*13,490 *29,740	12,320 27,160	*9,980 *22,000	8,110 17,880	*8,390 *18,500	5,840 12,870	7,190 15,850	4,580 10,100	8.77 (28.8)	
1.5m 4.9ft	kg lb					*15,900 *35,050	11,550 25,460	*11,340 *25,000	7,710 17,000	8,960 19,750	5,630 12,410	7,030 15,500	4,450 9,810	8.81 (28.9)	
0.0m 0.0ft	kg lb					*16,910 *37,280	11,240 24,780	*12,230 *26,960	7,450 16,420	8,790 19,380	5,480 12,080	7,220 15,920	4,550 10,030	8.58 (28.2)	
-1.5m -4.9ft	kg lb					*12,170 *26,830	*12,170 *26,830	*16,850 *37,150	11,190 24,670	12,210 26,920	7,360 16,230	8,730 19,250	5,420 11,950	8.08 (26.5)	
-3.0m -9.8ft	kg lb					*20,660 *45,550	*20,660 *45,550	*15,880 *35,010	11,310 24,930	*11,940 *26,320	7,410 16,340		9,310 20,530	5,780 12,740	7.22 (23.7)
-4.5m -14.8ft	kg lb					*18,570 *40,940	*18,570 *40,940	*13,550 *29,870	11,640 25,660				*10,090 *22,240	7,910 17,440	5.88 (19.3)

6.245 m (20' 49") HD boom, 3.1 m (10' 17") arm equipped with 5.4 ton counterweight and 600 mm(24") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach					
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity	Reach		
														m (ft)		
7.5m 24.6ft	kg lb											*5,560 *12,260	*5,560 *12,260	7.26 (23.8)		
6.0m 19.7ft	kg lb					*7,020 *15,480	*7,020 *15,480	*6,900 *15,210	6,250 13,780			*5,350 *11,790	*5,350 *11,790	8.20 (26.9)		
4.5m 14.8ft	kg lb					*9,790 *21,580	*9,790 *21,580	*8,170 *18,010	*8,170 *18,010	*7,400 *16,310	6,090 13,430	*5,360 *11,820	4,690 10,340	8.77 (28.8)		
3.0m 9.8ft	kg lb					*12,920 *28,480	12,480 27,510	*9,670 *21,320	8,170 18,010	*8,170 *18,010	5,870 12,940	*6,130 *13,510	4,410 9,720	*5,560 *12,260	9.07 (29.7)	
1.5m 4.9ft	kg lb					*15,500 *34,170	11,650 25,680	*11,090 *24,450	7,750 17,090	*8,960 *19,750	5,640 12,430	6,810 15,010	4,310 9,500	*5,960 *13,140	9.10 (29.9)	
0.0m 0.0ft	kg lb					*16,740 *36,910	11,260 24,820	*12,070 *26,610	7,460 16,450	8,800 19,400	5,470 12,060		*6,650 *14,660	4,310 9,500	8.89 (29.2)	
-1.5m -4.9ft	kg lb	*7,490 *16,510	*7,490 *16,510	*11,390 *25,110	*11,390 *25,110	*16,880 *37,210	11,170 24,630	12,210 26,920	7,340 16,180	8,710 19,200	5,400 11,900		7,420 16,360	4,640 10,230	8.40 (27.6)	
-3.0m -9.8ft	kg lb	*13,130 *28,950	*13,130 *28,950	*18,340 *40,430	*18,340 *40,430	*16,090 *35,470	11,260 24,820	*12,060 *26,590	7,370 16,250	8,780 19,360	5,460 12,040		8,650 19,070	5,380 11,860	7.59 (24.9)	
-4.5m -14.8ft	kg lb			*19,480 *42,950	*19,480 *42,950	*14,040 *30,950	11,550 25,460	*10,330 *22,770	7,600 16,760					*9,560 *21,080	7,100 15,650	6.32 (20.7)
-6.0m -19.7ft	kg lb															

- Lifting capacity are based on ISO 10567.
- Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- (*) indicates load limited by hydraulic capacity.



Rating over-side or 360 degree Rating over-side or 360 degree

HX300L

6.245 m (20' 49") boom, 2.5 m (8' 2") arm equipped with 5.4 ton counterweight and 600 mm(24") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach					
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity	Reach				
												m (ft)				
7.5m 24.6ft	kg lb										*7,640 *16,840	*7,640 *16,840	*7,840 *17,280	*7,840 *17,280	6.54 (21.5)	
6.0m 19.7ft	kg lb					*7,990 *17,610	*7,990 *17,610	*7,850 *17,310	6,240 13,760			*7,860 *17,330	6,150 13,560	7.57 (24.8)		
4.5m 14.8ft	kg lb					*11,310 *24,930	*11,310 *24,930	*9,110 *20,080	8,610 18,980	*8,170 *18,010	6,130 13,510	*8,030 *17,700	5,330 11,750	8.19 (26.9)		
3.0m 9.8ft	kg lb					*14,490 *31,940	12,350 27,230	*10,560 *23,280	8,200 18,080	*8,850 *19,510	5,950 13,120	7,650 16,870	4,920 10,850	8.50 (27.9)		
1.5m 4.9ft	kg lb					*15,780 *34,790	11,730 25,860	*11,840 *26,100	7,850 17,310	9,090 20,040	5,770 12,720	7,490 16,510	4,800 10,580	8.54 (28.0)		
0.0m 0.0ft	kg lb					*17,320 *38,180	11,520 25,400	12,520 27,600	7,650 16,870	8,960 19,750	5,650 12,460	7,730 17,040	4,920 10,850	8.31 (27.3)		
-1.5m -4.9ft	kg lb					*11,830 *26,080	*11,830 *26,080	*16,990 *37,460	11,520 25,400	12,450 27,450	7,590 16,730	8,930 19,690	5,620 12,390	8,470 18,670	5,360 11,820	7.79 (25.5)
-3.0m -9.8ft	kg lb					*21,430 *47,250	*21,430 *47,250	*15,740 *34,700	11,670 25,730	*11,900 *26,230	7,670 16,910		*9,980 *22,000	6,380 14,070	6.90 (22.6)	
-4.5m -14.8ft	kg lb					*17,420 *38,400	*17,420 *38,400	*12,900 *28,440	12,020 26,500				*10,330 *22,770	9,070 20,000	5.47 (17.9)	

6.245 m (20' 49") boom, 3.75 m (12' 3") arm equipped with 5.4 ton counterweight and 600 mm(24") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach							
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity	Reach				
														m (ft)				
9.0m 29.5ft	kg lb											*5,010 *11,050	*5,010 *11,050	6.61 (21.7)				
7.5m 24.6ft	kg lb					*5,820 *12,830	*5,820 *12,830						*4,620 *10,190	*4,620 *10,190	7.92 (26.0)			
6.0m 19.7ft	kg lb					*6,230 *13,730	*6,230 *13,730						*4,490 *9,900	*4,490 *9,900	8.78 (28.8)			
4.5m 14.8ft	kg lb					*7,370 *16,250	*7,370 *16,250	*6,840 *15,080	6,260 13,800	*5,880 *12,960	4,640 10,230	*4,530 *9,990	4,360 9,610	9.32 (30.6)				
3.0m 9.8ft	kg lb					*11,600 *25,570	*11,600 *25,570	*8,960 *19,750	8,410 18,540	*7,700 *16,980	6,020 13,270	7,040 15,520	4,530 9,990	*4,710 *10,380	4,070 8,970	9.60 (31.5)		
1.5m 4.9ft	kg lb					*14,580 *32,140	12,050 26,570	*10,570 *23,300	7,960 17,550	*8,610 *18,980	5,770 12,720	6,910 15,230	4,400 9,700	*5,050 *11,130	3,960 8,730	9.63 (31.6)		
0.0m 0.0ft	kg lb					*7,450 *16,420	*7,450 *16,420	*16,410 *36,180	11,510 25,380	*11,800 *26,010	7,620 16,800	8,900 19,620	5,570 12,280	6,790 14,970	4,300 9,480	*5,610 *12,370	4,020 8,860	9.43 (30.9)
-1.5m -4.9ft	kg lb	*7,330 *16,160	*7,330 *16,160	*11,270 *24,850	*11,270 *24,850	*17,060 *37,610	11,300 24,910	12,310 27,140	7,440 16,400	8,770 19,330	5,460 12,040		*6,540 *14,420	4,270 9,410	8.97 (29.4)			
-3.0m -9.8ft	kg lb	*11,570 *25,510	*11,570 *25,510	*16,390 *36,130	*16,390 *36,130	*16,740 *36,910	11,310 24,930	12,260 27,030	7,400 16,310	8,750 19,290	5,440 11,990		7,700 16,980	4,830 10,650	8.21 (26.9)			
-4.5m -14.8ft	kg lb	*16,730 *36,880	*16,730 *36,880	*21,870 *48,220	*21,870 *48,220	*15,310 *33,750	11,490 25,330	*11,420 *25,180	7,520 16,580				*9,250 *20,390	6,040 13,320	7.06 (23.2)			
-6.0m -19.7ft	kg lb					*16,830 *37,100	*16,830 *37,100	*11,910 *26,260	*11,910 *26,260					*9,910 *21,850	9,490 20,920	5.25 (17.2)		

- Lifting capacity are based on ISO 10567.
- Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

Rating over-side or 360 degree Rating over-side or 360 degree

HX300L

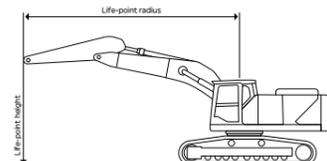
6.245 m (20' 49") boom, 3.1 m (10' 17") arm equipped with 5.4 ton counterweight and 800 mm(32") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach				
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
															m (ft)
7.5m 24.6ft	kg												*5,600	*5,600	7.26
	lb												*12,350	*12,350	(23.8)
6.0m 19.7ft	kg						*7,150	*7,150	*7,050	6,540			*5,380	*5,380	8.20
	lb						*15,760	*15,760	*15,540	14,420			*11,860	*11,860	(26.9)
4.5m 14.8ft	kg			*9,950	*9,950	*8,320	*8,320	*7,550	6,390				*5,390	4,970	8.77
	lb			*21,940	*21,940	*18,340	*18,340	*16,640	14,090				*11,880	10,960	(28.8)
3.0m 9.8ft	kg			*13,150	13,020	*9,840	8,550	*8,330	6,180	*6,160	4,680		*5,590	4,630	9.07
	lb			*28,990	28,700	*21,690	18,850	*18,360	13,620	*13,580	10,320		*12,320	10,210	(29.7)
1.5m 4.9ft	kg			*15,780	12,260	*11,300	8,160	*9,140	5,970	*7,000	4,590		*5,980	4,510	9.10
	lb			*34,790	27,030	*24,910	17,990	*20,150	13,160	*15,430	10,120		*13,180	9,940	(29.9)
0.0m 0.0ft	kg			*17,040	11,900	*12,300	7,900	9,240	5,810				*6,660	4,600	8.89
	lb			*37,570	26,230	*27,120	17,420	20,370	12,810				*14,680	10,140	(29.2)
-1.5m -4.9ft	kg	*7,520	*7,520	*11,440	*11,440	*17,180	11,810	*12,670	7,780	9,160	5,740		7,810	4,940	8.40
	lb	*16,580	*16,580	*25,220	*25,220	*37,880	26,040	*27,930	17,150	20,190	12,650		17,220	10,890	(27.6)
-3.0m -9.8ft	kg	*13,170	*13,170	*18,390	*18,390	*16,380	11,890	*12,280	7,800	9,220	5,790		9,080	5,710	7.59
	lb	*29,030	*29,030	*40,540	*40,540	*36,110	26,210	*27,070	17,200	20,330	12,760		20,020	12,590	(24.9)
-4.5m -14.8ft	kg			*19,840	*19,840	*14,300	12,140	*10,530	8,010				*9,750	7,480	6.32
	lb			*43,740	*43,740	*31,530	26,760	*23,210	17,660				*21,500	16,490	(20.7)
-6.0m -19.7ft	kg														
	lb														

6.245 m (20' 49") boom, 3.1 m (10' 17") arm equipped with 5.4 ton counterweight and 900 mm(36") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach				
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
															m (ft)
7.5m 24.6ft	kg												*5,600	*5,600	7.26
	lb												*12,350	*12,350	(23.8)
6.0m 19.7ft	kg						*7,150	*7,150	*7,050	6,610			*5,380	*5,380	8.20
	lb						*15,760	*15,760	*15,540	14,570			*11,860	*11,860	(26.9)
4.5m 14.8ft	kg			*9,950	*9,950	*8,320	*8,320	*7,550	6,460				*5,390	5,020	8.77
	lb			*21,940	*21,940	*18,340	*18,340	*16,640	14,240				*11,880	11,070	(28.8)
3.0m 9.8ft	kg			*13,150	*13,150	*9,840	8,640	*8,330	6,240	*6,160	4,740		*5,590	4,680	9.07
	lb			*28,990	*28,990	*21,690	19,050	*18,360	13,760	*13,580	10,450		*12,320	10,320	(29.7)
1.5m 4.9ft	kg			*15,780	12,390	*11,300	8,250	*9,140	6,030	*7,000	4,640		*5,980	4,560	9.10
	lb			*34,790	27,320	*24,910	18,190	*20,150	13,290	*15,430	10,230		*13,180	10,050	(29.9)
0.0m 0.0ft	kg			*17,040	12,030	*12,300	7,990	9,350	5,880				*6,660	4,650	8.89
	lb			*37,570	26,520	*27,120	17,610	20,610	12,960				*14,680	10,250	(29.2)
-1.5m -4.9ft	kg	*7,520	*7,520	*11,440	*11,440	*17,180	11,940	*12,670	7,870	9,270	5,800		*7,830	5,000	8.40
	lb	*16,580	*16,580	*25,220	*25,220	*37,880	26,320	*27,930	17,350	20,440	12,790		*17,260	11,020	(27.6)
-3.0m -9.8ft	kg	*13,170	*13,170	*18,390	*18,390	*16,380	12,020	*12,280	7,890	9,330	5,860		9,180	5,770	7.59
	lb	*29,030	*29,030	*40,540	*40,540	*36,110	26,500	*27,070	17,390	20,570	12,920		20,240	12,720	(24.9)
-4.5m -14.8ft	kg			*19,840	*19,840	*14,300	12,270	*10,530	8,090				*9,750	7,570	6.32
	lb			*43,740	*43,740	*31,530	27,050	*23,210	17,840				*21,500	16,690	(20.7)
-6.0m -19.7ft	kg														
	lb														

- Lifting capacity are based on ISO 10567.
- Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- (*) indicates load limited by hydraulic capacity.



Rating over-side or 360 degree Rating over-side or 360 degree

HX300 NL

6.245 m (20' 49") boom, 3.75 m (12' 3") arm equipped with 6.3 ton counterweight and 800 mm(32") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach												
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach								
															m (ft)								
9.0m 29.5ft	kg													*5,010	*5,010	6.61							
	lb													*11,050	*11,050	(21.7)							
7.5m 24.6ft	kg													*5,820	*5,820	7.92							
	lb													*12,830	*12,830	(26.0)							
6.0m 19.7ft	kg													*6,230	*6,230	8.78							
	lb													*13,730	*13,730	(28.8)							
4.5m 14.8ft	kg									*7,370	*7,370	*6,840	*6,840	*5,880	5,180	*4,530	*4,530	9.32					
	lb									*16,250	*16,250	*15,080	*15,080	*12,960	11,420	*9,990	*9,990	(30.6)					
3.0m 9.8ft	kg									*11,600	*11,600	*8,960	*8,960	*7,700	6,680	*7,050	5,060	*4,710	4,570	9.60			
	lb									*25,570	*25,570	*19,750	*19,750	*16,980	14,730	*15,540	11,160	*10,380	10,080	(31.5)			
1.5m 4.9ft	kg									*14,580	13,360	*10,570	8,840	*8,610	6,440	*7,540	4,940	*5,050	4,450	9.63			
	lb									*32,140	29,450	*23,300	19,490	*18,980	14,200	*16,620	10,890	*11,130	9,810	(31.6)			
0.0m 0.0ft	kg									*7,450	*7,450	*16,410	12,820	*11,800	8,500	*9,370	6,240	7,510	4,830	*5,610	4,520	9.43	
	lb									*16,420	*16,420	*36,180	28,260	*26,010	18,740	*20,660	13,760	16,560	10,650	*12,370	9,960	(30.9)	
-1.5m -4.9ft	kg	*7,330	*7,330	*11,270	*11,270	*17,060	12,610	*12,450	8,320	9,680	6,120									*6,540	4,810	8.97	
	lb	*16,160	*16,160	*24,850	*24,850	*37,610	27,800	*27,450	18,340	21,340	13,490									*14,420	10,600	(29.4)	
-3.0m -9.8ft	kg	*11,570	*11,570	*16,390	*16,390	*16,740	12,610	*12,420	8,290	9,660	6,110									*8,220	5,430	8.21	
	lb	*25,510	*25,510	*36,130	*36,130	*36,910	27,800	*27,380	18,280	21,300	13,470									*18,120	11,970	(26.9)	
-4.5m -14.8ft	kg	*16,730	*16,730	*21,870	*21,870	*15,310	12,800	*11,420	8,400											*9,250	6,750	7.06	
	lb	*36,880	*36,880	*48,220	*48,220	*33,750	28,220	*25,180	18,520											*20,390	14,880	(23.2)	
-6.0m -19.7ft	kg																						
	lb																						

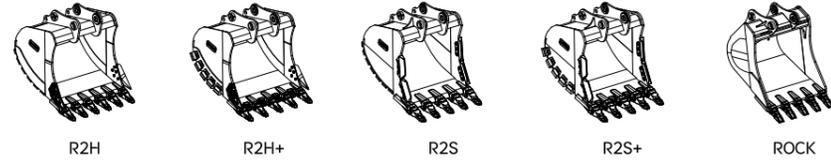
HX300 2PCS

6.255 m (20' 52") 2PCS boom, 3.1 m (10' 17") arm equipped with 5.4 ton counterweight and 600 mm(24") double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach													
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach											
														m (ft)										
10.5m 34.4ft	kg																							
	lb																							
9.0m 29.5ft	kg																							
	lb																							
7.5m 24.6ft	kg																							

BUCKET SELECTION GUIDE & DIGGING FORCE

HX300L



CONDITION	BOOM	mm	6,250						6,250 HD			3,245(L) 3,050(U)			10,200						
	ARM	mm	2,500	3,100	3,750	2,500	3,100	3,750	2,500	3,100	3,750	2,500	2,850 HD	3,100 HD	2,500	3,100	3,750	2,500	3,100	3,750	7,850
	COUNTER WEIGHT	kg	5,400			6,300			6,300			6,300			5,400			6,300			6,300
	UNDERCARRIAGE OPTION	-	STD			STD			NARROW			STD			STD			STD			STD
	TUMBLER DISTANCE (WHEEL BASE)	mm	4,040																		
	TRACK GAUGE (TREAD)	mm	2,600						2,400						2,600						
	SHOE(TIRE)	mm	600																		800
	SHOE TYPE	-	TG																		

BUCKET (SAE)	R1G	1.27	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-
		1.50	-	●	●	○	●	●	●	●	●	○	●	●	●	●	○	●	●	○
1.75	-	●	○	■	●	●	○	●	○	■	●	●	○	■	■	●	○	■	-	
R1HN	1.51	-	●	○	●	●	●	●	●	○	●	●	●	●	○	●	●	○	-	
1.74	-	●	○	■	●	●	○	●	○	■	●	●	○	■	■	●	○	■	-	
2.00	-	○	■	▲	○	○	■	○	■	■	○	○	■	■	▲	○	■	▲	-	
R1H+	1.60	-	●	○	■	●	●	○	●	○	■	●	●	○	■	●	○	○	-	
RK	1.16	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	
R2H	1.23	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	
1.47	-	●	●	○	●	●	●	●	○	●	●	●	●	○	●	●	●	-		
1.60	-	●	●	○	●	●	○	●	○	■	●	●	○	○	■	●	○	■	-	
1.72	-	●	○	■	●	●	○	●	○	■	●	●	○	○	■	●	○	■	-	
1.85	-	○	■	■	●	○	■	○	■	■	○	○	○	○	■	▲	○	■	-	
R2H(48°)	1.41	-	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	○	-	
R2H(54°)	1.63	-	●	○	○	●	●	○	○	○	●	●	○	○	■	●	○	○	-	
R2H+	1.47	-	●	●	○	●	●	●	○	●	●	●	●	○	○	●	○	○	-	
R2S	1.45	-	●	●	○	●	●	●	○	●	●	●	●	○	■	●	○	○	-	
1.57	-	●	○	■	●	●	○	●	○	■	●	●	○	○	■	●	○	○	-	
R2S+	1.45	-	●	●	○	●	●	●	○	●	●	●	●	○	■	●	○	○	-	
R1G	0.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	
Ditch	0.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	
0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	
SLOPE	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	

Based on ISO 10567 and SAE J296, arm length without quick change clamp
 ● : Suitable for materials with density of 2,100kg/m³ (3,500lb/yd³) or less ○ : Suitable for materials with density of 1,800kg/m³ (3,000lb/yd³) or less
 ■ : Suitable for materials with density of 1,500kg/m³ (2,500lb/yd³) or less ▲ : Suitable for materials with density of 1,200kg/m³ (2,000lb/yd³) or less
 - : Not Recommended

DIGGING FORCE								Remark
Boom	Length	mm	6,245			3,245 (L) + 3,050 (U)	10,200	
Arm	Length	mm	3,100		2,500	3,100	7,850	3,100 HD
BUCKET (NOR. / PRESS UP)	ISO	kN	189/206		189/206	189/206	80	187/203
ARM (NOR. / PRESS UP)	ISO	kN	130/141		158/172	130/141	52	130/141

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

STANDARD / OPTION

HYDRAULIC SYSTEM	STD
FULL ELECTRO HYDRAULIC (FEH)	
Variable Power Control	●
Electric Pump Flow Control	●
Electric MCV with Electric Joystick	●
Attachment Mode Flow Control	●
Engine Auto Idle	●
Engine Auto Shutdown Control	●
Joystick Steering	●
CAB & INTERIOR	STD
ISO STANDARD CABIN	
Cabin Light (2 Working Lamp, HAL)	
Cabin Light (2 Working Lamp, LED)	●
Cabin Light (6 Working Lamp, LED)	
Cabin Upper and Lower Guard	
Cabin Lower Guard	
Cabin Rain Shield	
Parallel Wiper	●
Radio / MP3 (Stereo)	●
DAB Audio (Handsfree&Bluetooth)	
Electric Horn	●
Safety Glass - Tempered Glass	●
Safety Glass - Laminated Glass (front)	●
Sliding Fold-In Front Window	●
Sliding Slide Window (LH)	●
Lockable Door	●
Hot & Cool Box	●
Storage Compartment	●
Comfort Package (Premium Seat included)	
Multi Channel Speaker (4ea)	●
AUTOMATIC CLIMATE CONTROL	
Air Conditioner & Heater	●
Defroster	●
AUTOMATIC STARTING AID (AIR GRID HEATER) FOR WEATHER	
Starting Aid (Air Grid Heater) for Cold Weather	●
Engine Coolant Heater & Plug Heater (110V Plug Heater)	
Engine Coolant Heater & Plug Heater (220V Plug Heater)	
GAUGE PANEL	
12" 8" LCD Display	●
12" 8" LCD Display dual (Foldable, 2ea)	
Engine Speed or Trip Meter / Accel	●
Engine Coolant Temperature Gauge	●
Max Power / Low&High Speed / Engine Check indicator	●
Auto Idle	●
Overload Warning with alarm	●
Eco Gauge / Fuel Level / Hyd. Oil Temperature Gauge	●
Air Cleaner Clogging	●
Fuel Warmer	●
Warnings	●
Communication Error	●
Low Battery / Clock	●
SEAT	
Heating & Cooling Seat	
Heating & Fabric	●
Premium Seat with Heating & Cooling	
CABIN FOG (ISO 10262) LEVEL 2	
FOG (Falling Object Guard)	
Front & Top Guard	
Top Guard	
CABIN ROPS (ISO 12117-2)	
ROPS (Roll Over Protective Structures)	●
SAFETY	STD
Battery Master Switch	●
Right and Rear View Camera	●
Smart Around View Camera (SAVM)	
Auto Stop	
Travel Alarm	●
Beacon Lamp	●
Automatic Swing Brake	●

* 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.

SAFETY	STD
Boom Holding Valve	
Arm Holding Valve	
Overload Warning Device	
NEW TECHNOLOGY	STD
Machine Guidance (MG)	
Machine Guidance (MG) with 2D MG Laser Receiver	
Machine Control (MC) with Weighing/LA : MC and Bucket Weight Indicating with Lift Assist	
Machine Control (MC) with Weighing/ALA : Advanced Lift Assist (Pro) applied	
Equipment Health Monitoring (EHM) - Basic : Engine Oil & Hyd. Oil Status check as real time basis	
Equipment Health Monitoring (EHM) - Premium : Basic + Main Pump & Swing Device check included	
Digital Key	●
Intelligence Package (2DMG/2DMC/Advanced Lift Assist/Auto Stop)	
OTHERS	STD
Microphone	
Reversible Fan	
Breaker Filter	
Pre Cleaner - Oil washed	
Fine Swing	
Straight Travel	
HYUNDAI Connect (Telematics)	●
Air Compressor	
Auto Greasing System	
Sid Protector & Catwalk	
Fuel Filler Pump	●
Heat Wire for mirror	
Shoe Case	
Alarm for all with White Noise	●
Double-Acting Piping with Pedal	●
Rotating Piping (PERO)	
Quick Coupler	
Quick Coupler Piping	●
Tool Kit	
BOOMS	
6.245 m HD (Heavy Duty)	
6.245 m	●
10.2 m	
ARTI	
ARMS	
2.85 m HD (Heavy Duty)	
3.1 m HD (Heavy Duty)	
2.5 m	
3.1 m	●
3.75 m	
3.1 m Thumb Ready Arm(w/o Lug)	
3.75 m Thumb Ready Arm(w/o Lug)	
2.5 m ARTI	
3.1 m ARTI	
3.75 m ARTI	
COUNTERWEIGHT	
4.7 ton	
5.4 ton	●
6.3 ton	
UNDERCARRIAGE	STD
Standard Under Cover	●
Heavy Duty Under Cover	
TRACK SHOES	
600 mm Shoe	●
600 mm Double Grouser Shoe	
700 mm Shoe	
800 mm Shoe	
900 mm Shoe	
TRACK GUARD	
Normal Track Guard	●
Full Track Guard	

MEMO

MEMO
