www.**hd-hyundaice**.com

HD CONSTRUCTION EQUIPMENT

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

PLEASE CONTACT

2026. MAR

HX800A L

Crawler Excavators

* Photo may include optional equipment.

Rated power(gross)	Bucket capacity	Operating Weight
402 kW (539.1 hp) @ 2,100 rpm	3.42 ~ 5.58 m^3	78.9 ~ 81.6 t

HYUNDAI

HYUNDAI HX800A L CRAWLER EXCAVATOR

MADE FOR THE TOUGHEST APPLICATIONS

Lift your business to the next level with the HX800A L HYUNDAI excavator.

Strong undercarriage, and the highest engine power and hydraulic flow in the market, with total control of the fuel consumption, to offer the lowest possible cost per ton.

* Photo may include optional equipment.

WHAT'S NEWEST AND BEST

HIGH PRODUCTIVITY AND LOW COST OF OWNERSHIP

Delivers higher productivity and reduced fuel consumption in an efficient and comfortable work environment.

RELIABILITY

Designed for the toughest applications, for the most abrasive materials.

SAFETY

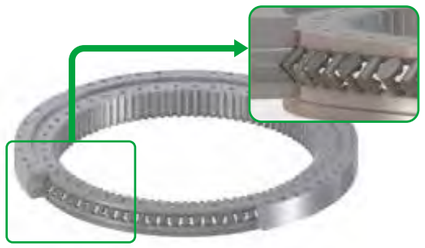
Your safety is our priority: 360° camera system, large side mirrors, powerful LED work lights, anti-slip steps and platforms, guard rails on upper structure.

VERSATILITY

5 front combinations possible to match all applications. Mass excavation front with large bucket size or heavy-duty fronts when more reach is needed.

SWING BEARINGS

Unique design of crossed bearings, for better stress distribution, and increased lifetime.



UNDERCARRIAGE DURABILITY

Heavy-duty undercarriage, with large rollers and sprocket, enhanced frame for the toughest applications.

EASY MAINTENANCE

Automatic greasing system as an option, all filters easily accessible, compressor with air gun as option, everything designed for easy maintenance.

ADVANCED FILTRATION

Highest efficiency filters & cleaners remove water, dust & particles to protect your investment optimally.

COMFORT

One of the most spacious cabs in the market, with low noise & vibration levels and excellent all-round visibility. Fully adjustable heated air-suspension seat, air conditioning with climate control as standard.

OPERATE AT EASE

All important information is at your fingertips with the new easy-to-use 8" touch screen. Exclusive jog shuttle switch, 4 work & 4 power modes, proportional control.

ENGINE

Exceptionally powerful – with high torque at low revs – the Perkins 2506J engine Acombines reliability and low environmental impact. This Stage V compliant 6 cylinder engine delivers 402 kW at 1,800 rpm.

EXCELLENT FUEL EFFICIENCY

The Smart Power Control system increases fuel efficiency by adjusting the power to meet the application's needs. The system delivers the exact amount of oil needed to avoid any loss of energy.

* Photo may include optional equipment.

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

* Photo may include optional equipment.

The Power To Raise Productivity

- The HX800AL is equipped with the latest generation of Perkins engine
- Stage V compliant, this engine boasts extremely low emissions because reducing our environmental impact is paramount to us
- Exhaust gases are purified by Selective Catalytic Reduction(SCR) technology, a Diesel Oxidation Catalyst (DOC) and a Diesel Particulate Filter (DPF)

Efficient Fuel Management

- Choice of 4 power modes and 4 working modes guarantees optimum performance in all conditions
- Smart Power Control system: reduces engine speed and adjusts pump torque according to work conditions. The system automatically adjusts engine power and hydraulic output to improve fuel efficiency and reduce emissions
- Engine auto-shut-off: shuts down the engine after the machine has been idling for a specified time. The operator can set the delay before shut-off via the touchscreen

Asymmetric Turbocharger

High-efficiency asymmetric turbocharger uses a design with 2 different sized scrolls to stream exhaust across the turbine wheel at different velocities.

Smart Power Control

2 systems (Variable Speed Control and Pump Torque Control) work together to improve efficiency while maintaining productivity.

H • Eco Power

Real breakthrough technology that sets new standards in the industry :
The exclusive ECO Power system improves productivity and saves fuel. A pressure-controlled pump, closed-center main control valve, and 9 sensors electronically detect and control the precise amount of hydraulic oil required to perform a task. The exact amount of oil required is metered instead of continuously forcing a fixed amount of oil through the system. The hydraulic system output requirements are optimized with engine horsepower.
The resulting efficiency educes fuel consumption improves productivity substantially. Improved feedback through the controls results in an outstanding level of operator comfort and much smoother machine management.

* Photo may include optional equipment.

RELIABILITY

In your profession, you need equipment you can depend on. At HYUNDAI, we put durability and reliability at the core of our machines' development. Our materials and structures undergo stringent testing for strength and resilience under the most extreme conditions.

NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

Extra-Strong X Chassis

Designed using finite element analysis and 3D computer simulation, the X-shaped undercarriage ensures optimum structural integrity and durability.

Undercarriage Durability

- Large chain composed of sealed, self-lubricating links for long-term dependability. For improved protection, alignment and performance, there is a full-length guard optional, according to the application
- The track spring and idler are joined for long-lasting performance and easy maintenance
- Cast steel heavy-duty sprockets guarantee the highest resistance
- The track rollers are lubricated for life

Strengthened Boom And Arm

During the development of our machines, we use intensive testing to calculate the best load distribution throughout the boom structure. Combined with thicker material, this means that element fatigue is limited and both reliability and component life are increased. To better protect the base of the arm, reinforced bars have been added and the arm center and end boss have been strengthened.

Advanced Filtration

- Fuel filters and water separator :
  a filter-type high-performance water separator effectively captures moisture in the fuel, reducing impurities and helping minimize any fuel-related issues. Pre-filters and dual main filters as standard achieve a high degree of purity that minimizes fuel system failures.
- Cyclonic air pre-cleaner :
  air filter life and engine efficiency are directly related to the amount of debris ingested through the engine's air intake. Therefore, a cyclonic air pre-cleaner (as standard) is the first stage of an air intake system that prevents the majority of heavier-than-air particles from entering.
  Self-cleaning and maintenance-free, the system is able to expel all types of mixed debris, including mud, snow, rain, leaves, sawdust, chaff, etc.

Advanced Pin And Bushing Technology

Highly lubricated metal is used for the boom pivot to increase the component's lifetime and lengthen greasing intervals. The bucket pivot features EM (Enhanced Macrosurface) bushings. These have a tailored surface pattern and self-lubricating coating for optimized greasing and more efficient debris removal. Ultra-hard wear-resistant discs and bucket pivot polymer shims increase durability even more.

1. 360° around view monitor
2. 8" touch screen
3. Cup holder
4. Joysticks and switches are integrated in adjustable control consoles
5. Improved visibility on the bottom right
6. Separate seat height adjustment lever and cushion tilting function
7. Straight ergonomic pedals
8. Flat, spacious, easy-to-clean floor

* Photo may include optional equipment.

EASY CONTROL

Best-In-Class Operator Environment

The HX800A L is designed to provide you with the best possible working conditions. The sophisticated state-of-the-art cab is pressurized and compliant with the level 2 FOPS protection when equipped with FOPS guard for your safety. A high-quality heated seat with air suspension provides maximum operator comfort.

Comfort

Comfortably seated, you benefit from a clear all-round view of the worksite and have easy access to several storage compartments. Noise and vibration levels are remarkably low, while air conditioning and automatic climate control allow you to keep working for hours on end without feeling tired. Pedals, joysticks and armrests have all been designed for operator comfort and efficiency.

Cab Suspension

The cab's suspension system (CabSus mount) dampens vibrations and provides outstanding protection against impact. This system absorbs shocks and vibrations much more effectively than a conventional silent block suspension system.

Wide Touchscreen

The wide 8" touchscreen provides easy scrolling through the different menus, including power settings and auxiliary hydraulics settings.
It also allows you to connect a Bluetooth device or listen to your favorite radio station.

360° Camera System

The 360° camera system gives you full view of the machine's surroundings.

COMPORTABLE OPERATION

The ergonomic controls and the easy-to-view color monitor place the machine firmly in your hands.

1. Shear buttons
2. Breaker/booster button
3. Starter switch (Start/Stop button)
4. Engine speed control dial
5. Travel speed selector switch
6. Light switch
7. Cab work light switch
8. After-treatment system switch
9. Bluetooth control panel
10. Air conditioning and heating control panel

* Photo may include optional equipment.

Dynamic Power Management

- Automatic travel speed range selection (slow/fast)
- Activating the power boost control system increases digging force by 10%
- A one-touch deceleration button immediately reduces engine speed to low idle
- Auto-idling starts 4 seconds (adjustable) after all controls are returned to neutral – reducing fuel consumption and noise levels in the cab

"BREAKER ASSIST" MODE

During boom down operation, the boom moves down freely under its own weight. The result is reduced shock and vibration and longer breaker service life

EXPERT FINGERTIP CONTROL

- The new multi-function 8" touchscreen displays all useful information in a visual and intuitive format
- At a glance, you can check the machine's status and settings to achieve optimal efficiency
- HYUNDAI's unique jog shuttle switch gives you easy and precise control over all machine functions
- Highly sensitive and low-effort joysticks enable you to work safely, smoothly and confidently
- The proportional thumb switches on the joysticks can be mounted horizontally or vertically, as the operator prefers, for optimal control of hydraulic attachmentsfor optimal control of hydraulic attachments

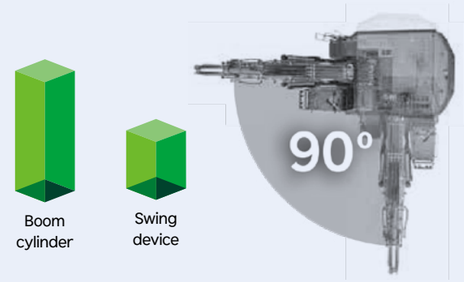
4 WORK MODES AND 4 POWER MODES + BOOM / SWING PRIORITY CONTROL

Delivers the needed power according to your specific application while minimizing fuel consumption:

- 1-way mode, 2-way mode, digging mode and lifting mode
- Power plus mode, power mode, standard mode, economy mode
- Boom / swing priority control allows you to control operating modes with just 1 button – resulting in more comfortable and productive operation optimized for various work environments

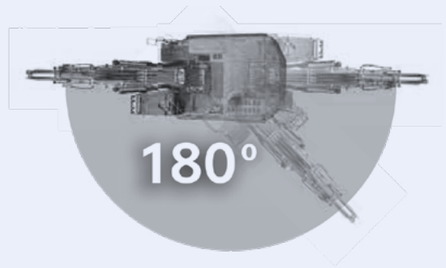
BOOM PRIORITY MODE

Hydraulic Power



SWING PRIORITY MODE

Hydraulic Power



SIMPLE MAINTENANCE

Maintenance Access Made Simple

- Large guard rails are installed along with anti-slip steps and plates, for safer, easier access to the whole upper structure.
- The air conditioning filter is placed on the side of the cab for easy access. The filter's cover can be locked and opened with the starter key.
- A battery cut-off switch makes it easy to disconnect the battery for long-term storage.
- The hour meter display can be easily checked from ground level.
- Shut-off valves have been fitted on the pre-filter piping line and fuel tank drain piping to make servicing easier and prevent pollution from leakage.
- Engine parts can be easily reached via the top and side panels.
- 2 large separated cooling compart ments equipped with reversible fans as standard increase the cooling performance and simplify maintenance.
- For extra accessibility and servicing con venience, all filters (engine oil filter, fuel pre-filters, fuel filters and pilot filter) are located in the pump compartment.

Adblue® Tank

Connected to the ECU, sensors in the tank detect low levels of AdBlue® or any other system malfunction.

Centralized Greasing Points

To make maintenance easier, the greasing points have been centralized. An automatic lubrication system is available as an option.

* Photo may include optional equipment.

HX800A L

SPECIFICATIONS

ENGINE	
Make	Perkins
Model	2506J
Number of cylinders	6
Rated power, gross (hp per SAE J1995)	402 kW (539.1 hp) @ 2,100 rpm
Max. torque, gross (SAE J1995)	2,468 Nm (1,821 lbf·ft) @ 1,400 rpm
Displacement	15.2 L (928 in^3)
Bore and stroke	137 mm x 171 mm (5.4 in x 6.7 in)
Starter	9.0 kW (24 V, 12.1 hp)
Battery	2 x 12 V, 200 AH
Alternator	24 V, 115 amp
Air cleaner	Double elements & precleaner

HYDRAULICS	
Main pumps	2 x 504 L/min (2 x 133.1 gpm)
Pilot pump (gear design)	50.4 L/min (13.31 gpm)

WORKING PRESSURE	
Max. system pressure	357 kg/cm^2 (5,076 psi)
Boom/arm/bucket (normal mode)	357 kg/cm^2 (5,078 psi)
Travel	357 kg/cm^2 (5,078 psi)
Swing	357 kg/cm^2 (5,078 psi)

UNDERCARRIAGE	
Upper rollers (each track)	3
Lower rollers (each track)	8
Number of shoes (links per side)	48

SWING MECHANISM	
Swing speed	0 – 7.4 rpm
Swing torque	25,600 kgf·m (185,164 lbf·ft)

NOTE
* Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards.
* Specifications and design are subject to change without notice.
* All dimensions are given for HYUNDAI excavators equipped with standard tracks and the standard front as listed.
* Pictures of HYUNDAI excavators may show other than standard equipment.
* All dimensions are shown in inches.
* Respective metric dimensions are enclosed by parentheses.
* HYUNDAI equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

DRIVE SYSTEM	
Travel speed [low – high]	2.9 - 4.8 km/h (1.8 - 3.0 mph)
Traction force, max. (drawbar pull)	54.4 ton (155,867 lb)
Max. gradability (limited by engine lub)	70% (35°)

ENVIRONMENT	
Sound level (2000/14/EC)	109 dB(A)
Cabin sound level (ISO 6396)	71 dB(A)

REFILL CAPACITIES	
Fuel tank	880 L (232.5 gal)
DEF tank	47 L (12.4 gal)
Cooling system (radiator capacity)	86.3 L (22.8 gal)
Engine oil (with filler)	60 L (15.8 gal)
Swing drive (each)	8 L (2.1 gal)
Final drive (each side)	20 L (5.3 gal)
Hydraulic system	790 L (208 gal)
Hydraulic tank	435 L (114.9 gal)

HYDRAULIC CYLINDERS	
Boom[1](2) bore x rod diameter x stroke	190 mm x 125 mm x 1,795 mm (7.5 in x 4.9 in x 70.7 in)
Arm[1,2](1) bore x rod diameter x stroke	215 mm x 150 mm x 2,030 mm (with 7.70m boom) (8.5 in x 5.9 in x 79.9 in)
	215 mm x 150 mm x 1,879mm (with 6.65m boom) (8.5 in x 5.9 in x 74.0 in)
Bucket[1](1) bore x rod diameter x stroke	190 mm x 130 mm x 1,465 mm (7.5 in x 5.1 in x 57.7 in) (with 7.70m boom)
	200 mm x 140 mm x 1,465mm (with 6.65m boom) (7.9 in x 5.5 in x 57.7 in)

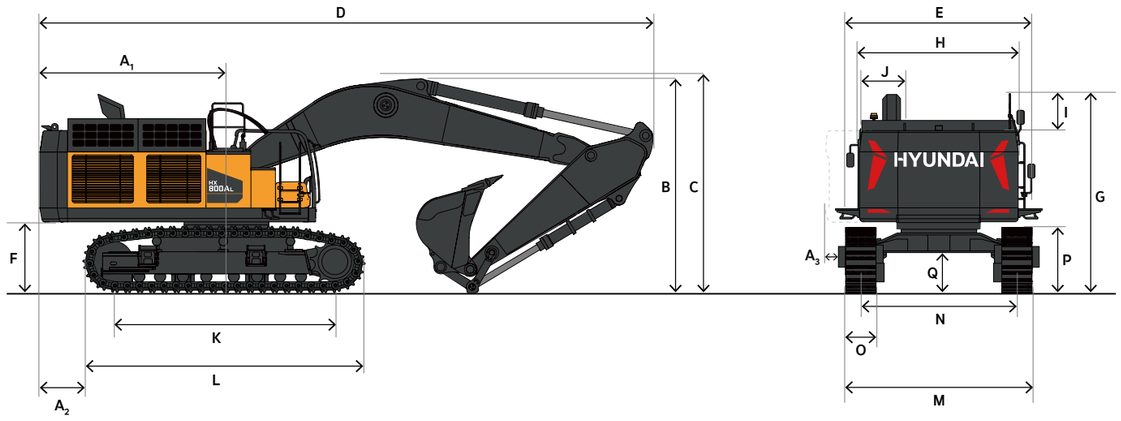
[1] Cushion on rod end
[2] Cushion on head end

The piston rods and cylinder bodies are made of high-strength steel.
A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

HX800A L

DIMENSIONS

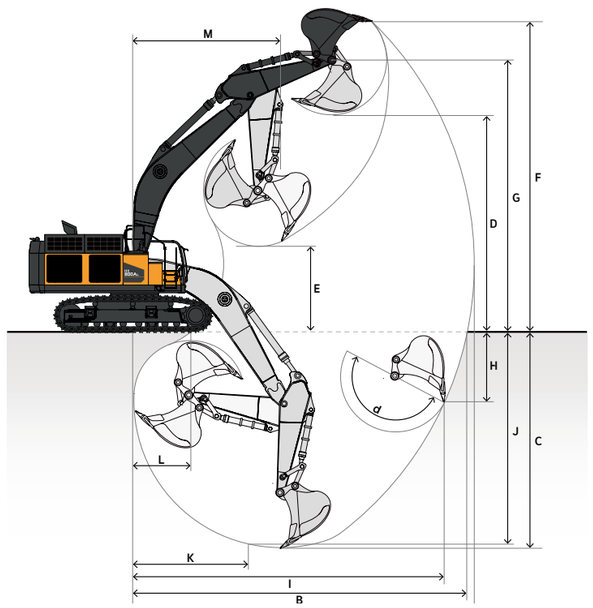
DIMENSIONS						
Boom length		7,700 mm (25' 3")			6,650 mm (21' 10")	
Arm length		4,200 mm (13' 9")	3,550 mm (11' 8")	2,900 mm (9' 6")	2,900 mm (9' 6")	2,600 mm (8' 6")
Bucket type (SAE)		3.42 m^3	4.64 m^3	4.64 m^3	5.24m^3	5.24m^3
Tail swing radius	A_1	4,100 mm (13' 5")	4,100 mm (13' 5")	4,100 mm (13' 5")	4,100 mm (13' 5")	4,100 mm (13' 5")
Tail swing overhang (rear)	A_2	1,030 mm (3' 5")	1,120 mm (3' 8")	1,120 mm (3' 8")	1,120 mm (3' 8")	1,120 mm (3' 8")
Tail swing overhang (side)	A_3	2,100 mm (6' 7")	2,100 mm (6' 7")	2,100 mm (6' 7")	2,100 mm (6' 7")	2,100 mm (6' 7")
Shipping height (boom)	B	5,015 mm (16' 5")	4,615 mm (15' 2")	4,420 mm (14' 6")	4,905 mm (16' 1")	4,760 mm (15' 7")
Shipping height (hose)	C	5,240 mm (17' 2")	4,865 mm (16' 0")	4,690 mm (15' 5")	5,125 mm (16' 10")	4,990mm (16' 4")
Shipping length	D	13,165 mm (43' 2")	13,165 mm (43' 2")	13,370mm (43' 10")	12,320 mm (40' 5")	12,370mm (40' 7")
Shipping width	E	3,560 mm (11' 8")	3,560 mm (11' 8")	3,560 mm (11' 8")	3,560 mm (11' 8")	3,560 mm (11' 8")
Counterweight clearance	F	1,490 mm (4' 11")	1,490 mm (4' 11")	1,490 mm (4' 11")	1,490 mm (4' 11")	1,490 mm (4' 11")
Cabin height	G	3,540 mm (11' 7")	3,540 mm (11' 7")	3,540 mm (11' 7")	3,540 mm (11' 7")	3,540 mm (11' 7")
Upper structure width	H	3,410 mm (11' 2")	3,410 mm (11' 2")	3,410 mm (11' 2")	3,410 mm (11' 2")	3,410 mm (11' 2")
Cabin height above house	I	32 mm (0' 1")	32 mm (0' 1")	32 mm (0' 1")	32 mm (0' 1")	32 mm (0' 1")
Cabin width	J	1,010 mm (3' 4")	1,010 mm (3' 4")	1,010 mm (3' 4")	1,010 mm (3' 4")	1,010 mm (3' 4")
Tumbler distance	K	4,730 mm (15' 6")	4,730 mm (15' 6")	4,730 mm (15' 6")	4,730 mm (15' 6")	4,730 mm (15' 6")
Overall track length	L	5,960 mm (19' 7")	5,960 mm (19' 7")	5,960 mm (19' 7")	5,960 mm (19' 7")	5,960 mm (19' 7")
Undercarriage width (Extended)	M	4,000 mm (13' 1")	4,000 mm (13' 1")	4,000 mm (13' 1")	4,000 mm (13' 1")	4,000 mm (13' 1")
Track gauge (Retracted)	N	2,750 mm (9' 0")	2,750 mm (9' 0")	2,750 mm (9' 0")	2,750 mm (9' 0")	2,750 mm (9' 0")
Track gauge (Extended)		3,350 mm (11' 0")	3,350 mm (11' 0")	3,350 mm (11' 0")	3,350 mm (11' 0")	3,350 mm (11' 0")
Track shoe width	O	650 mm (2' 2")	650 mm (2' 2")	650 mm (2' 2")	650 mm (2' 2")	650 mm (2' 2")
Track height	P	1,310 mm (4' 4")	1,310 mm (4' 4")	1,310 mm (4' 4")	1,310 mm (4' 4")	1,310 mm (4' 4")
Ground clearance	Q	830 mm (2' 9")	830 mm (2' 9")	830 mm (2' 9")	830 mm (2' 9")	830 mm (2' 9")



HX800A L

WORKING RANGE

WORKING RANGE						
Boom length		7,700 mm (25' 3")			6,650 mm (21' 10")	
Arm length		4,200 mm (13' 9")	3,550 mm (11' 8")	2,900 mm (9' 6")	2,900 mm (9' 6")	2,600 mm (8' 6")
Bucket type (SAE)		3.42 m³	4.64 m³	4.64 m³	5.24 m³	5.24 m³
Max. digging reach	A	13,820 mm (45' 4")	13,215 mm (43' 4")	12,670 mm (41' 7")	11,595 mm (38' 0")	11,275 mm (37' 0")
Max. digging reach (ground)	B	13,565 mm (44' 6")	12,945 mm (42' 6")	12,390 mm (40' 8")	11,290 mm (37' 0")	10,960 mm (35' 11")
Max. digging depth	C	8,995 mm (29' 6")	8,370 mm (27' 6")	7,725 mm (25' 4")	7,120 mm (23' 4")	6,755 mm (22' 2")
Max. loading height	D	8,730 mm (28' 8")	8,380 mm (27' 6")	8,245 mm (27' 1")	7,000 mm (23' 0")	6,995 mm (22' 11")
Min. loading height	E	2,685 mm (8' 10")	3,300 mm (10' 10")	3,975 mm (13' 0")	3,060 mm (10' 0")	3,430 mm (11' 3")
Max. digging height	F	12,485 mm (41' 0")	12,000 mm (39' 4")	11,910 mm (39' 1")	10,470 mm (34' 4")	10,410 mm (34' 2")
Max. bucket pin height	G	10,850 mm (35' 7")	10,525 mm (34' 6")	10,390 mm (34' 1")	9,260 mm (30' 5")	9,180 mm (30' 1")
Max. vertical wall depth	H	5,465 mm (17' 11")	2,715 mm (8' 11")	2,455 mm (8' 1")	1,840 mm (6' 0")	-225 mm (-1' 3")
Max. radius vertical	I	11,155 mm (36' 7")	12,070 mm (39' 7")	11,590 mm (38' 0")	10,685 mm (35' 1")	11,010 mm (36' 1")
Max. depth to 8' line	J	8,870 mm (29' 1")	8,230 mm (27' 0")	7,565 mm (24' 10")	6,965 mm (22' 10")	6,585 mm (21' 7")
Min. radius to 8' line	K	4,485 mm (14' 9")	4,480 mm (14' 8")	4,495 mm (14' 9")	3,720 mm (12' 2")	3,725 mm (12' 3")
Min. digging reach	L	2,010 mm (6' 7")	2,250 mm (7' 5")	2,990 mm (9' 10")	1,705 mm (5' 7")	2,045 mm (6' 9")
Min. swing radius	M	5,760 mm (18' 11")	5,730 mm (18' 10")	5,775 mm (18' 11")	5,240 mm (17' 2")	5,200 mm (17' 1")
Bucket angle (DEG)	d	179.3°	178°	178°	154°	159.5°
Digging force, bucket (ISO)		34,800 kg (76,720 lb)	34,800 kg (76,720 lb)	34,800 kg (76,720 lb)	38,500 kg (84,880 lb)	38,500 kg (84,880 lb)
Digging force, arm (ISO)		26,200 kg (57,760 lb)	29,100 kg (64,150 lb)	33,600 kg (74,080 lb)	34,300 kg (75,620 lb)	36,600 kg (80,690 lb)
Operating weight		78,250 kg (172,510 lb)	78,450 kg (172,950 lb)	79,500 kg (175,270 lb)	78,190 kg (172,380 lb)	78,050 kg (172,070 lb)
Ground pressure		1.17 kg/cm² (16.6 psi)	1.18 kg/cm² (16.8 psi)	1.19 kg/cm² (16.9 psi)	1.17 kg/cm² (16.6 psi)	1.17 kg/cm² (16.6 psi)



HX800A L

BUCKET SELECTION GUIDE

Type	Capacity, m³ (yd³)- SAE	Width mm (in)	Weight kg (lb)	7,700 mm Boom			6,650 mm Boom	
				4,200 mm Arm	3,550 mm Arm	2,900 mm Arm	2,900 mm Arm	2,600 mm Arm
H CLASS	3.42 (4.47)	1,720 (68)	3,410 (7,518)	B	A	A	A	A
	4.64 (6.07)	1,920 (76)	3,950 (8,708)	D	C	C	A	A
	5.24 (6.85)	2,226 (88)	4,185 (9,226)	-	D	D	B	B
	5.58 (7.30)	2,350 (93)	4,380 (9,656)	-	-	D	B	B
S CLASS	3.75 (4.90)	1,620 (64)	4,085 (9,006)	C	B	B	A	A
	4.05 (5.30)	1,720 (68)	4,205 (9,270)	D	C	B	A	A
	4.64 (6.07)	1,920 (76)	4,535 (9,998)	-	D	C	A	A
	5.24 (6.85)	2,226 (88)	4,650 (10,251)	-	D	D	B	B
	5.58 (7.30)	2,350 (93)	4,830 (10,648)	-	-	D	C	B
X CLASS	3.75 (4.90)	1,620 (64)	4,295 (9,469)	C	C	B	A	A
	4.05 (5.30)	1,720 (68)	4,430 (9,766)	D	C	B	A	A
	4.64 (6.07)	1,920 (76)	4,785 (10,549)	-	D	C	B	A
	5.24 (6.85)	2,226 (88)	4,965 (10,946)	-	-	D	B	B

- **H Class (Heavy Duty):** The most common bucket, designed for heavy-duty construction and light quarrying or mining work.
- **S Class (Severe Duty):** Designed for mass excavation in high-density, harsh mining and quarry environments. Built with high-strength, abrasion-resistant materials.
- **X Class (Extreme Mining):** Built for extreme mining conditions using ultra high-strength and abrasion-resistant materials.

*Capacity based on ISO 7451 and heaped with a 1:1 angle of repose
· Equipped with bolt-on wear shrouds.
· Equipped with bolt-on teeth.
· Equipped with bolt-on cutting edge.
· These recommendations are given as a guide only and based on typical operating conditions.

Please consult with your HYUNDAI dealer to properly match buckets and attachments for the application.

Maximum Suitable Material Density
A : Suitable for materials with density of 2,100kg/m³ (3,500lb/yd³) or less
B : Suitable for materials with density of 1,800kg/m³ (3,000lb/yd³) or less
C : Suitable for materials with density of 1,500kg/m³ (2,500lb/yd³) or less
D : Suitable for materials with density of 1,200kg/m³ (2,000lb/yd³) or less
- Not recommendede

HX800A L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

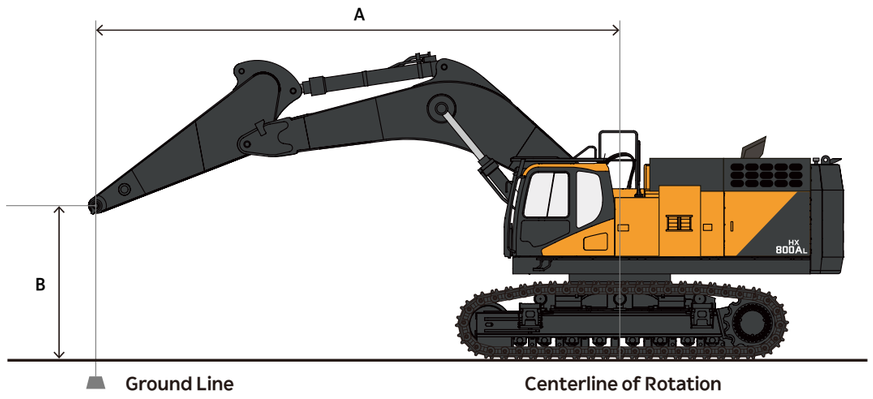
HX800AL

Boom: 7,700 mm (25' 3"), Arm: 3,550 mm (11' 7"), Counterweight: 10,720 kg (23,634 lb.), Shoe Size: 900 mm (35.4"), Bucket: None, Unit: kg (lb.)

A (m or ft.) / B (m or ft.)	3.0 m (10')		4.5 m (15')		6.0 m (20')		7.5 m (25')		9.0 m (30')		10.5 m (35')		Max. Reachw		
															A
10.5 m (35')													*12,890 (*28,420)	*12,890 (*28,420)	7.73 m (25' 5")
9.0 m (30')									*12,220 (*26,940)	*12,220 (*26,940)			*11,910 (*26,250)	*11,910 (*26,250)	9.03 m (29' 8")
7.5 m (25')									*14,060 (*31,000)	*14,060 (*31,000)			*11,470 (*25,300)	*11,470 (*25,300)	9.93 m (32' 7")
6.0 m (20')							*16,330 (*36,010)	*16,330 (*36,010)	*14,580 (*32,150)	*14,580 (*32,150)	*11,980 (*26,410)	*11,980 (*26,410)	*11,380 (*25,090)	*11,380 (*25,090)	10.54 m (34' 7")
4.5 m (15')					*22,070 (*48,660)	*22,070 (*48,660)	*17,850 (*39,340)	*17,850 (*39,340)	*15,370 (*33,890)	15,130 (33,360)	*13,820 (*30,460)	11,880 (26,200)	*11,560 (*25,490)	11,140 (24,560)	10.91 m (35' 10")
3.0 m (10')					*24,650 (*54,340)	*24,650 (*54,340)	*19,310 (*42,570)	19,060 (42,030)	*16,190 (*35,690)	14,630 (32,260)	*14,150 (*31,190)	11,630 (25,630)	*12,010 (*26,480)	10,710 (23,620)	11.07 m (36' 4")
1.5 m (5')					*26,140 (*57,620)	25,240 (55,650)	*20,350 (*44,860)	18,370 (40,500)	*16,790 (*37,010)	14,210 (31,320)	*14,340 (*31,610)	11,390 (25,120)	*12,770 (*28,150)	10,630 (23,440)	11.01 m (36' 2")
Ground Level					*26,330 (*58,040)	24,720 (54,490)	*20,710 (*45,650)	17,940 (39,540)	*16,960 (*37,380)	13,920 (30,680)	*14,130 (*31,140)	11,260 (24,810)	*13,630 (*30,060)	10,910 (24,050)	10.75 m (35' 3")
-1.5 m (-5')			*30,250 (*66,690)	*30,250 (*66,690)	*25,370 (*55,930)	24,580 (54,200)	*20,230 (*44,600)	17,760 (39,150)	*16,460 (*36,290)	13,800 (30,430)			*13,610 (*30,000)	11,620 (25,610)	10.26 m (33' 8")
-3.0 m (-10')	*29,350 (*64,710)	*29,350 (*64,710)	*28,960 (*63,850)	*28,960 (*63,850)	*23,270 (*51,290)	*23,270 (*51,290)	*18,710 (*41,240)	17,830 (39,310)	*14,850 (*32,740)	13,910 (30,670)			*13,370 (*29,480)	13,000 (28,650)	9.51 m (31' 2")
-4.5 m (-15')	*28,440 (*62,700)	*28,440 (*62,700)	*24,020 (*52,960)	*24,020 (*52,960)	*19,640 (*43,290)	*19,640 (*43,290)	*15,540 (*34,270)	*15,540 (*34,270)					*12,630 (*27,840)	*12,630 (*27,840)	8.42 m (27' 8")
-6.0 m (-20')			*16,370 (*36,080)	*16,370 (*36,080)	*13,180 (*29,060)	*13,180 (*29,060)							*10,470 (*23,080)	*10,470 (*23,080)	6.84 m (22' 5")

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on.
Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side.
The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Rating over-front Rating over-side or 360 degree

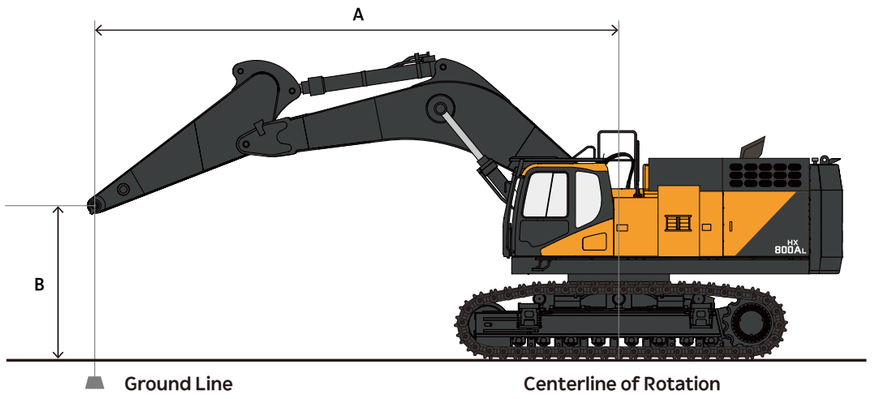
HX800AL

Boom: 7,700 mm (25' 3"), Arm: 4,200 mm (13' 9"), Counterweight: 10,720 kg (23,634 lb.), Shoe Size: 900 mm (35.4"), Bucket: None, Unit: kg (lb.)

A (m or ft.) / B (m or ft.)	3.0 m (10')		4.5 m (15')		6.0 m (20')		7.5 m (25')		30' (9.0 m)		10.5 m (35')		Max. Reachw		
															A
10.5 m (35')													*10,430 (*22,980)	*10,430 (*22,980)	8.61 m (28' 3")
9.0 m (30')									*12,890 (*28,410)	*12,890 (*28,410)			*9,710 *21,400	*9,710 *21,400	9.79 m (32' 1")
7.5 m (25')									*13,050 (*28,780)	*13,050 (*28,780)	*10,520 (*23,190)	*10,520 (*23,190)	*9,370 (*20,660)	*9,370 (*20,660)	10.62 m (34' 10")
6.0 m (20')							*15,220 (*33,550)	*15,220 (*33,550)	*13,700 (*30,190)	*13,700 (*30,190)	*12,730 (*28,060)	11,940 (26,320)	*9,280 (*20,460)	*9,280 (*20,460)	11.20 m (36' 9")
4.5 m (15')					*20,530 (*45,270)	*20,530 (*45,270)	*16,820 (*37,080)	*16,820 (*37,080)	*14,590 (*32,170)	*14,590 (*32,170)	*13,140 (*28,970)	11,660 (25,720)	*9,400 (*20,730)	*9,400 (*20,730)	11.55 m (37' 11")
3.0 m (10')					*23,370 (*51,530)	*23,370 (*51,530)	*18,440 (*40,660)	*18,440 (*40,660)	*15,530 (*34,240)	14,360 (31,650)	*13,620 (*30,040)	11,350 (25,020)	*9,720 (*21,430)	9,550 (21,060)	11.69 m (38' 4")
1.5 m (5')					*25,350 (*55,890)	24,850 (54,780)	*19,730 (*43,490)	18,010 (39,700)	*16,300 (*35,940)	13,860 (30,550)	*14,000 (*30,860)	11,060 (24,370)	*10,270 (*22,640)	9,470 (20,870)	11.64 m (38' 2")
Ground Level					*26,110 (*57,570)	24,090 (53,120)	*20,400 (*44,970)	17,940 (39,540)	*16,710 (*36,830)	13,490 (29,740)	*14,080 (*31,040)	10,840 (23,900)	*11,120 (*24,520)	9,670 (21,310)	11.39 m (37' 5")
-1.5 m (-5')			*29,020 (*63,990)	*29,020 (*63,990)	*25,700 (*56,660)	23,790 (52,440)	*20,230 (*44,750)	17,170 (37,840)	*16,550 (*36,480)	13,290 (29,300)	*13,590 (*29,970)	10,760 (23,720)	*12,420 (*27,380)	10,210 (22,510)	10.93 m (35' 10")
-3.0 m (-10')	*26,380 (*58,160)	*26,380 (*58,160)	*30,960 (*68,240)	*30,960 (*68,240)	*24,150 (*53,240)	23,820 (52,500)	*19,270 (*42,480)	17,130 (37,770)	*15,540 (*34,270)	13,290 (29,300)			*12,570 (*27,710)	11,250 (24,810)	10.23 m (33' 7")
-4.5 m (-15')	*33,950 (*74,850)	*33,950 (*74,850)	*26,680 (*58,820)	*26,680 (*58,820)	*21,250 (*46,850)	*21,250 (*46,850)	*16,950 (*37,360)	*16,950 (*37,360)	*12,920 (*28,490)	*12,920 (*28,490)			*12,140 (*26,760)	*12,140 (*26,760)	9.30 m (30' 3")
-6.0 m (-20')			*20,210 (*44,550)	*20,210 (*44,550)	*16,260 (*35,850)	*16,260 (*35,850)	*12,070 (*26,610)	*12,070 (*26,610)					*10,870 (*23,970)	*10,870 (*23,970)	7.82 m (25' 8")

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on.
Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side.
The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



HX800A L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

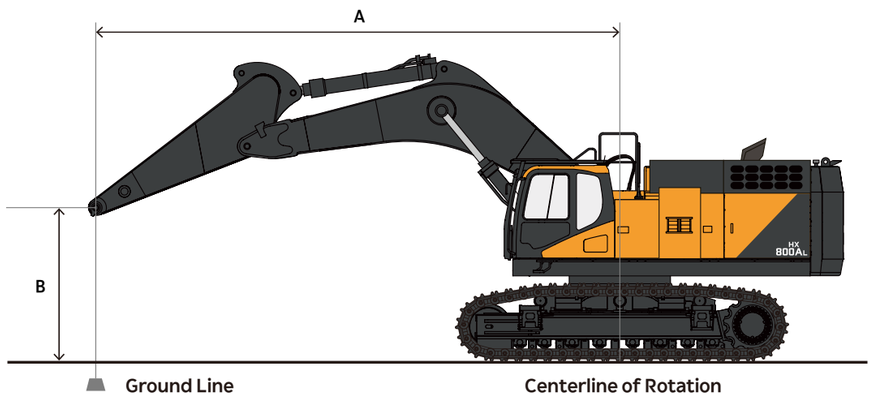
HX800AL

Boom: 7,700 mm (25' 3"), Arm: 3,550 mm (11' 7"), Counterweight: 10,720 kg (23,634 lb.), Shoe Size: 900 mm (35.4"), Bucket: None, Unit: kg (lb.)

A (m or ft.) / B (m or ft.)	3.0 m (10')		4.5 m (15')		6.0 m (20')		7.5 m (25')		9.0 m (30')		Max. Reachw		
													A
9.0 m (30')											*12,910 (*28,460)	*12,910 (*28,460)	7.00 m (22' 12")
7.5 m (25')							*17,510 (*38,590)	*17,510 (*38,590)			*14,680 (*32,370)	*14,680 (*32,370)	8.00 m (26' 3")
6.0 m (20')							*18,050 (*39,800)	*18,050 (*39,800)			*14,420 (*31,790)	*14,420 (*31,790)	8.75 m (28' 9")
4.5 m (15')					*20,490 (*45,170)	*20,490 (*45,170)	*19,230 (*42,390)	*19,230 (*42,390)	*17,070 (*37,640)	14,970 (33,000)	*14,650 (*32,300)	14,440 (31,840)	9.20 m (30' 2")
3.0 m (10')					*23,050 (*50,810)	*23,050 (*50,810)	*20,500 (*45,180)	19,180 (42,280)	*17,510 (*38,600)	14,640 (32,270)	*15,340 (*33,830)	13,750 (30,300)	9.38 m (30' 9")
1.5 m (5')					*25,560 (*56,340)	*25,560 (*56,340)	*20,710 (*47,100)	18,590 (40,990)	*17,720 (*39,060)	14,340 (31,620)	*16,610 (*36,630)	13,650 (30,100)	9.32 m (30' 7")
Ground Level					*27,210 (*59,740)	25,150 (55,450)	*21,410 (*47,210)	18,240 (40,210)	*17,130 (*37,770)	14,200 (31,310)	*17,120 (*37,740)	14,190 (31,290)	9.00 m (29' 6")
-1.5 m (-5')			*33,230 (*73,250)	*33,230 (*73,250)	*25,740 (*56,750)	25,050 (55,230)	*20,180 (*44,490)	18,170 (40,050)			*17,040 (*37,560)	15,600 (34,380)	8.41 m (27' 7")
-3.0 m (-10')	*34,850 (*76,820)	*34,850 (*76,820)	*28,300 (*62,400)	*28,300 (*62,400)	*22,240 (*49,020)	*22,240 (*49,020)					*16,430 (*36,230)	*16,430 (*36,230)	7.47 m (24' 6")
-4.5 m (-15')			*19,890 (*43,840)	*19,890 (*43,840)	*14,320 (*31,570)	*14,320 (*31,570)					*14,180 (*31,260)	*14180 (*31260)	6.02 m (19' 9")

A Distance from center of rotation
B Height

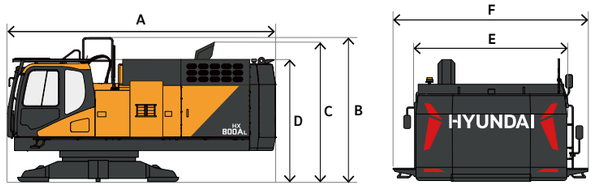
NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on.
Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side.
The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



HX800A L

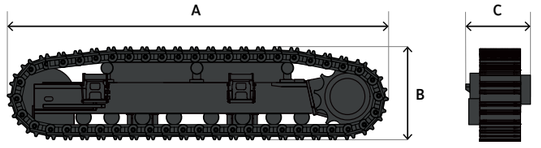
TRANSPORTATION

UPPER STRUCTURE (WITHOUT COUNTERWEIGHT)



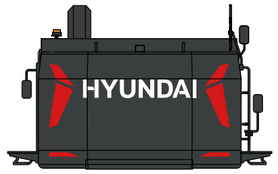
Length	A	5,802 mm
Height (top of guardrail)	B	3,217 mm
Height (top of muffler)	C	3,270 mm
Height (top of cab)	D	2,703 mm
Width (without walkways)	E	3,410 mm
Width (with walkways)	F	4,450 mm
Weight		25,650 kg

UNDERCARRIAGE



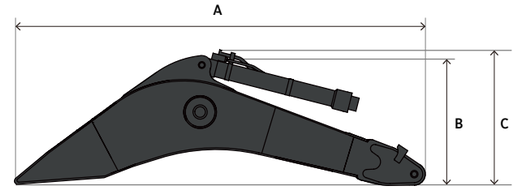
Length	A	5,960 mm
Height	B	1,413 mm
Width (with steps)	C	1,007 mm
Weight		11,780 kg

COUNTERWEIGHT



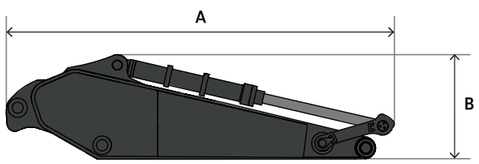
	STD	Removal Opt.
Length	3,410mm	3,410mm
Height	2,114 mm	2,114 mm
Width	615 mm	615 mm
Weight	10,720 kg	9,490 kg

BOOM



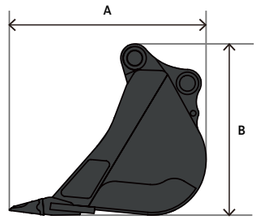
		7.7 m	6.65 m
Length	A	8,024 mm	6,976 mm
Height (top of boom)	B	1,979 mm	2,323 mm
Height (top of hoses)	C	2,243 mm	2,544 mm
Width		1,270 mm	1,270 mm
Weight		7,280 kg	6,975 kg

ARM



		4.2 m	3.55 m	2.9 m	2.6 m
Length	A	5,638 mm	4,991 mm	4,324 mm	4,017 mm
Height	B	1,391 mm	1,439 mm	1,621 mm	1,630 mm
Width		763 mm	763 mm	763 mm	763 mm
Weight		4,380 kg	4,130 kg	3,975 kg	3,840 kg

BUCKET



m^3		3.42	3.75 / 4.05 / 4.64	5.24 / 5.58
Length (mm)	A	2,550	2,690	2,780
Height (mm)	B	2,010	2,150	2,260

HX800A L

STANDARD & OPTIONAL EQUIPMENT

● : Standard / ○ : Optional / - : N/A

ENGINE	
High-pressure common-rail (HPCR)	●
Turbo variable geometry (VGT)	●
Cooled exhaust gas recirculation (CEGR)	●
Fuel filter with water separator	●
Coolant recovery tank	●
Dual element dry-type air filter with evacuator	●
Centrifugal precleaner	●
Electronic engine control (ECU)	●
Auto idle	●
Auto shutdown (time-adjustable)	●
Overheat & low oil pressure engine protection	●
Fuel filler pump	○

HYDRAULIC	
Electronic Power Optimizing System (EPOS)	●
Variable axial piston main pump (tandem)	●
Cross-sensing pump control	●
Pilot-operated control valves	●
Gear pilot pump	●
Smart Power Control (SPC)	●
Variable-speed hydraulic cooling fan	●
Axial piston swing motor	●
Spring-applied hydraulic release brake, swing motor	●
Axial piston travel motor (high/low, auto)	●
Auxiliary hydraulics, one-way piping	○
Auxiliary hydraulics, two-way piping	○
Auxiliary hydraulics, rotate piping	○
Adjustable auxiliary flow & pressure, 5 Presets	●

CABIN	
Steel, all-weather & sound-suppressed	●
Cabsus mount	●
Front window with wiper/washer	●
Tinted safety glass	●
Skylight top hatch with sun screen	●
Visor, front window & skylight	●
Pull-up type top front window	●
Removable lower front window with storage behind seat	●
Adjustable sliding side door window	●
Defrost, front window	●
Seat - Heated - Air suspension - 51 mm (2") seat belt - Adjustable height & recline - Adjustable fore/aft - Adjustable armrests	●
Heating & Cooling seat	○
Control stands - Height adjustable - Mounted to seat base	●
Storage for operator's manuals	●
Mirrors	●
Fully automatic HVAC with ambient temperature sensor	●
8" multi-function LCD interactive display monitor	●
AM/FM stereo with CD player & MP3 port	●
Speakers (2)	●
Antenna, roof-mounted	●
Hot/cold beverage compartment	●
Power socket, 12 V	○
Cup holder	●
Interior light	●
Coat hanger	●
Rain shield	○
Fog guard	○
Front window guard	○

CONTROLS	
Joystick controls	●
Pattern control change valve (SAE, ISO)	○
Joystick attachment control, Switches/buttons (one-way, two-way, power boost)	○
Foot pedal attachment control	○
Control stands - Height adjustable - Sliding (fore/aft) - Tilting armrests	●
Engine speed control dial	●
Travel pedals with hand levers	●
Straight travel pedal	○
Switches, console-mounted - Travel speed selector - Work light - Auxiliary mode switch	●
Push button start	●
Emergency stop switch	●
Power modes (P+, P, S, E)	●
Work modes (digging, lifting, breaker, shear)	●
Smart Power Control (SPC)	●
Jog dial display control	●
Wiper control panel	●
Audio control panel	●

ELECTRICAL	
System voltage – 24 V	●
Alternator – 24 V, 115 amp	●
2 x 12 V batteries, 200 AH reserve capacity	●
Blade-type fuse panel	●
Main circuit breaker	●
Light, work (LED) : machine (3), boom (2), cabin (2)	●
Cabin light (LED) : 6	○
Rotating beacon	○
Hour meter	●
Overload warning alarm	○
Hour meter	●
Engine restart prevention system	●
Side view (right) & rearview camera	○
360° Around View Camera (AVM)	○
Laptop service port	●
Self-diagnostics system	●
HYUNDAI Fleet Management	○

DISPLAY MONITOR & WARNINGS	
Gauges - Fuel level - DEF level - Engine coolant temperature - Hydraulic oil temperature - Engine rpm - Battery voltage - Hydraulic pump pressure - ECO - Digital clock - Trip meter - Hour meter - Fuel consumption	●
Warning & indicator lights - Seat belt - Error code - SCR warning - DPF warning (DX200LC-7 only) - Check engine - Engine oil pressure - Engine pre-heat engaged - Radiator coolant level & temperature - Air filter - Fuel level - DEF level – low - Water in fuel - Battery charge - Work lights on - Hydraulic oil temperature - Hydraulic charge pressure - Hydraulic pilot filter - Hydraulic return filter	●
Swing alarm	○
Travel alarm	○
Buzzer - Engine oil pressure - Coolant temperature	●

UNDERCARRIAGE	
Track guards & chains with adjusters	●
Track rollers, upper	●
Track rollers, lower	●
In-shoe motor protection	●
Shoes, double grouser – 650 mm	●
Shoes, double grouser – 750 mm	○
Shoes, double grouser – 900 mm	○

OTHER	
Centralized lubrication - Boom - Swing	●
Automatic greasing system	○
Handrails & service platforms	●
Skid-resistant steps & service platforms	●
Manuals - Operation & Maintenance - Parts - AEM Safety Manual	●
HYUNDAI Fleet Management 3-year subscription	●
Vandalism protection - Lockable panels - Lockable fluid fill points - Anti-theft protection (password) - Vandalism window cover mount	●
Air compressor	○

* 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.

MEMO