

STANDARD EQUIPMENT

Premium Cabin (ISO)
All-weather Steel Cab with 360° Visibility
Safety Glass Windows
Rise-up Type Windsield Wiper
Sliding Fold-in Front Window
Sliding Side Window (LH)
Lockable Door
Hot & Cool Box
PC Glass Type Cabin Sun Roof
Radio & Usb Player
12 Volt Power Outlet
Bluetooth Handsfree & Integrated Communication Controller / Control System
Sun Visor
Cabin Guard
FOPS (Falling Object Protective Structure, ISO 10262)
Noise / Vibration Reduction Cabin Mount
Brand New Air Conditioning System
Cabin Lights (Front, Rear)
Intelligent Power Control (IPC) System Applications
Operation Mode Selection System
One-Touch & Auto Deceleration System
Automatic Warm-Up System
Automatic Overheat Prevention System
Automatic Air Conditioning System
Full Automatic Temperature Controller
Frost-Free / Defroster
Self-Diagnostics System
Cold Weather Starting Aids (Air Grid Heater)
Centralized Monitoring System
8 Inch / Led Capacitive Monitor
Eco Gauge
Fuel Efficiency Information / Fuel Level Gauge
Integrated / Combined Control Switch
Advanced Operator-Friendly Cluster
Haptic Controller
Air Conditioner / Engine rpm Integrated Control
Various Guage
Fuel Level Guage
Cooling Water Temperature Guage
Hydraulic Oil Temperature Guage

Warning Lights
Engine Check
Overload
Communication Error (Emergency Warning Light)
Low Battery
Air Cleaner Clogging Indicators
Power Boost
Low Speed / High Speed
Fuel Warmer
Auto Idle
Equipment for Convenience
Outside Rearview Mirrors (3EA)
Air-suspension Seat With Heater
Hydraulic Joystick Lever
Console Box with Height Adjustable System
Front Working Light (11EA)
Fuel Filler Pump
Large Capacity Air Compressor
Rearview Camera
Automatic Lubrication
Hi-MATE (Remote Management System)
Air Horn
Safety Device
Battery Master Switch
Boom Holding System / Arm Holding System
Accumulator for Lowering Attachment
Travel Alarm / Warning Light (LED)
Durability Specifications
Track Shoes (700mm, 27.6")
Full Track Rail Guard
Lower Under Cover
Fuel Heater
Large Capacity of Air Cleaner
Hi-grade Hosee
Other
Batteries (4 x 12V x 160AH)
Washable Clean-out Dust Net for Cooler
Automatic Swing Parking Brake
Air Breather for Fuel Line
Fire Extinguishers for Fire Suppression

Option
• Breaker Line • Quick Coupler • Wirenet Guard (Protection guard for the front of the cabin) • FOG Guard (Protection guard for front and upper parts of cabin)
• Track Shoe (Heavy Duty Grouser Shoe 700mm / 2-bar) • Wet-type of Air Cleaner • Boom Floating • ECO Breaker Mode



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PLEASE CONTACT

MOVING YOU FURTHER

HX900L

Tier 4 Final Engine



*The photo shows equipment with full options (may be different from the actual equipment).

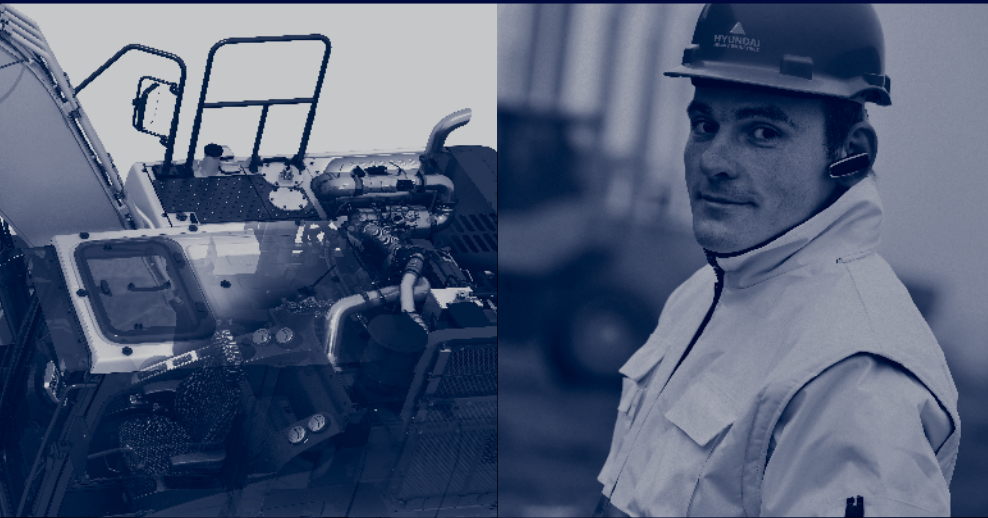
Engine Output 650 PS (478 kW) at 2,100 rpm	Travel Speed 2.4 km/hr / 3.5 km/hr	Operating Weight 88,800 kg / 196,000 lb
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RULE THE GROUND

We are pleased to introduce the HX Series Hyundai Excavator for which the industry's most highly experienced and skilled engineers have devoted themselves for a long time to developing a zero-defect product on the basis of the Hyundai Spirit of initiative, creativity and tinacity. The new HX Series Hyundai Excavator will fully reflect the customer needs in the field via thorough monitoring while maximizing field productivity with optimum fuel economy and performance based on rigorous field testing and strict quality control. The HX Series will leave you 100% satisfied whatever your expectations! With the Hyundai HX Series, you will be a genuine leader taking full control of the field.



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RULE THE GROUND

HX900L

The HX Series Excavator will offer you value and satisfaction beyond your expectations!
With Hyundai HX Series, you will be a genuine leader taking full control of the field.



WORK MAX, WORTH MAX

VALUE THAT ONLY HYUNDAI CAN OFFER - PERFORMANCE

- High Fuel Efficiency, Environmentally-Friendly Tier-4 Final Engine
- Eco Gauge, Fuel Efficiency Information, Variable Power Control (VPC) / Intelligent Power Control (IPC)
- Improved cooling performance
- Improved combined motion and work speed
- Maximized workability at night
- High-performance electronic fan clutch
- Straight-travel pedal **OPTION**



MORE RELIABLE, MORE SUSTAINABLE

TECHNOLOGICAL ADVANCES EXCEEDING EXPECTATIONS - DURABILITY

- Improved durability of boom/arm
- Reinforced upper and lower frame
- Hi-quality, hi-grade hose
- Cooling module with improved durability
- Drive motor
- High-durability swing motor
- Ultra-hard and wear resistant plate
- Pin, bush and shim with improved durability
- Bucket with strengthened durability and wear resistance
- Guard rail with a strengthened safety feature
- Full track guard exclusively designed for use in rugged terrain **OPTION**



INFOTAINMENT FRONTIER

MAXIMIZED CONVENIENCE WITH CUTTING-EDGE TECHNOLOGY - CONVENIENCE

- IT convergence based on the state of the art IT technology
- New type of air-conditioning system
- Deluxe air suspension seat
- Ergonomically designed RCV
- Cabin featuring reduced noise and vibration
- Smart key
- Sunroof
- Large-capacity air compressor
- Large storage space



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

CONVENIENT AND SAFE SOLUTION - SERVICEABILITY

- Centrally deployed filters
- Hydraulic oil and filter with longer service life
- Air-conditioning air filter
- Easily accessible injection port for urea
- Air cleaner filter
- Thermal shielding designed to prevent burns
- Fully open engine room and side cover
- Vent hole to prevent entry of foreign substances
- Centralized grease injection port
- Anti-slip plate
- Centralized fuse box
- Hi-MATE



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Maximized Workability at Night



Equipped with a new Type of LED Warning Light

The HX Series is installed with a new warning light offering improved durability and visibility.

WORK MAX, WORTH MAX

THE VALUE THAT ONLY HYUNDAI CAN PROVIDE!

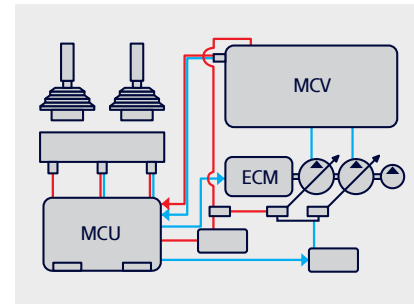
The HX Series delivers higher power output and superior fuel economy with the adoption of an environmentally friendly, high performance engine that will fully satisfy customer requirements at every type of worksite, having endured and successfully passed rigorous tests in diverse worksites and conditions.



Heavy-duty Strength in its class offering 16,400 cc / 650 HP!

The HX Series meets the Tier-4 Final emissions standard with an environmentally-friendly engine that delivers increased power for powerful work performance.

- Application of DOC +SCR makes it possible to reduce costs
- 6-cylinder engine with high output power and better responsiveness
- Economic efficiency can be secured with reduced fuel consumption compared to the output power
- Convenient injection of urea with overflow cover



Variable Power Control (VPC) / Intelligent Power Control (IPC)

The adoption of variable power control (VPC) and intelligent power control makes it possible to optimize the control of output power and pump flow rate, thereby improving work performance and fuel economy.



Eco Gauge

The eco gauge allows operators to check engine torque and fuel efficiency via the gauge level and color, providing guidance on economical operation.

Adoption of a New Type, High-performance Electronic Fan Clutch

Fan clutch RPM can be automatically adjusted through the detection of coolant temperature, thereby improving fuel economy and cooling performance.



Fuel Economy Information

As the equipment operation status and detailed fuel economy information for each mode are provided through the cluster, it is possible to check economical operation and fuel level.



High-capacity Alternator

It provides sufficient electrical capacity to run various electronic devices.

MORE RELIABLE, MORE SUSTAINABLE TECHNOLOGICAL ADVANCES THAT EXCEED CUSTOMER EXPECTATIONS!

The value of the HX Series lies in its excellent durability which helps maintain the original sturdiness for a long period of time. The upper and lower frame structure, which can endure external shocks and a variety of high-load work, and the attachments proven through rigorous testing, will reveal their true merit even in the harshest working environments.

High-rigidity Boom and Arm with Improved Durability

The high rigidity boom and arm, manufactured through rigid testing, provide stable workability even with high-load works. With the strengthened torsional rigidity of the boom and the installation of a highly wear-resistant shim, durability has been further improved.

Strengthened torsional rigidity of boom



Durability of Track Tension Spring Improved

To prevent the entry of foreign substances and inside air and to protect against corrosion of the spring, a urethane tube has been mounted around the tension spring connected to the idler.

High-quality, High-grade Hose

The adoption of a high-grade hose with significantly improved heat resistance and durability delivers the highest possible durability even in harsh working conditions.



Drive Motor

The exclusively designed high-performance drive motor offers superior driving power and significantly improved durability, and can exert powerful working performance in the most adverse working conditions.



Highly Durable Swing Motor

The internally designed, high-rigidity swing motor, which has passed strict durability verification, can offer strong durability even in the harshest working environments.



High-hardness, Wear-resistant Plate

The wear-resistant cover plate installed on the end of the arm helps minimize wear of the connection between arm and bucket even after working for a long period of time, and reduces shaking of the bucket, making it possible to perform high-load works under a stable condition.



Reinforced Lower Frame

The X-shaped lower frame guarantees high durability while its undercover protects internal functional parts even when working in rugged terrain.



Durability-improved Cooling Module

The HX Series excavators can provide the highest possible productivity even in extremely low or high temperatures as well as in rugged working conditions thanks to the high-durability cooling module proven through strict testing conditions.

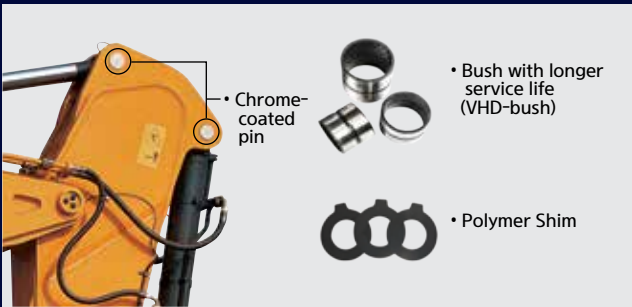


Full Track Guard Exclusively Designed for Harsh Environments

It helps prevent separation of the track and strengthens durability by protecting the link and roller when working in harsh environments.



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Improved Durability of Pin, Bush and Shim



Bucket with Improved Durability and Wear Resistance



Safety-strengthened Guardrail



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INFOTAINMENT FRONTIER MAXIMIZED CONVENIENCE WITH CUTTING-EDGE TECHNOLOGY

The heavy concentration of diverse convenience features in the cabin enables easy access and control by operators, and the sophisticated infotainment system embedded with Hyundai's state-of-the-art IT technologies contributes to improving productivity further!
The cutting-edge technology of Hyundai's HX Series offers value and satisfaction beyond customers' expectations!

Equipped with cutting-edge IT Technologies

The 8-inch high resolution cluster with touch screen provides integrated information on diverse operations and control functions to maximize the operator's convenience. In addition, intuitive control is made possible with the adoption of haptic control.

Smart phone-connected Miracast

Eco gauge level and fuel economy operation information

Haptic control with the adoption of a sensitivity switch

Hands free, smart phone-connected music play



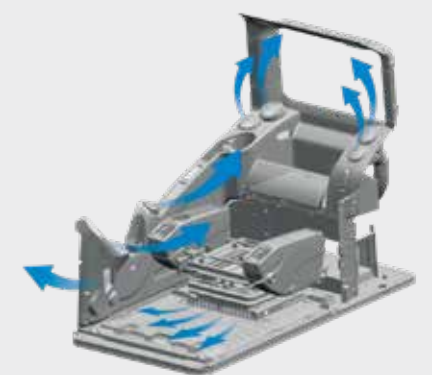
New type of cluster



Haptic control

New Air-conditioning System

It is possible to adjust the desired temperature through the Air Mix type cooling/heating system and the APTC with increased capacity. The new type of air-conditioning system can quickly regulate the air flow in the cabin, providing comfort and convenience during work.



Sunroof



Large-capacity Air Compressor



Sufficient Storage Space



Ergonomically Designed RCV

The ergonomically designed RCV lever offers the best responsiveness and fine maneuverability, minimizing the operator's fatigue when working over an extended period of time.



Cabin with Less Noise and Reduced Vibration

The new cabin mount has made it possible to reduce cabin vibration and noise significantly.



Smart Key

The adoption of an auto shutdown function that automatically stops the engine when a set count has been reached, along with the engine start button.



Deluxe Air Suspension Seat

In order to provide a comfortable working environment and reduce fatigue when working over an extended period of time, the air suspension seat with built-in hotwires is provided as a standard feature.

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

CONVENIENT AND SAFE SOLUTION

Conceived for operator safety and convenience, the HX Series offers an optimum working environment where jobs can be performed easily and conveniently as the machine can be checked anytime, anywhere.



Full Open Engine Hood

Considering the engine, the full open type engine hood is designed to secure sufficient service space, and to ensure easy daily checks and maintenance.



Centralized Deployment of Filter

This is designed to maximize the operator's convenience.



Air Horn OPTION

This emits a warning sound up to 5 times louder than that of the disk-type horn to prevent accidents in noisy working environments.



Air-conditioning Air Filter

The filter room is located outside the cabin to make it easier to replace the filters, while the outside air temperature sensor helps improve cooling/heating performance.



Vent Hole for Preventing Entry of Foreign Substances

By changing the shape of the side cover vent hole, rust and the entry of foreign substances can be effectively prevented.

HiMATE

It's convenient, easy and valuable

Hi-MATE, Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi-MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi-MATE offers working information such as working / idling hours, fuel consumption and rate.

Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Juts log on to the Hi-MATE website or mobile application. Hi-MATE allows you to watch your machines whenever and wherever you are.

Security

Protect your machines from theft or unauthorized usage with Hi-MATE. If the machine moves out of the Geo-fence boundary, you will get alerts.



*The photo shows equipment with full options (may be different from the actual equipment).



Simple-to-replace Air Cleaner Filter



Centralized Grease Injection Port



Anti-slip Plate



Centralized Fuse Box

SPECIFICATIONS

ENGINE	
Model	Scania DC16 084A
Type	Environment-friendly Water Cooling 4-Stroke Cycle Diesel Engine Direct Injection V8 Cylinder, Turbo Charger, Intercooler
Rated Output Power	650 PS (478 kW) / 2,100 rpm
Maximum Torque	320 kgf.m / 1,400 rpm
Cylinder's Inner Diameter X Stroke Length	130 mm X 154 mm
Displacement	16,400 cc
Battery Capacity	4 X 12V X 160AH
Starting Motor	24 V, 7 kW
Alternator	24 V, 100 A

HYDRAULIC SYSTEM	
Main Pump	
Type	Variable-Capacity Axial Piston Pump
Maximum Flow Rate	2 X 504 L /min
Auxiliary Pump - PILOT	Gear Pump

Hydraulic Motor	
Driving	2-Step Axial Piston Motor (including brake valve and parking brake)
Swing	Axial Piston Pump (including Auto Brake)

Relief Valve Setting	
Driver Circuit	330 kgf/cm ² (4,693 psi)
Driving	360 kgf/cm ² (5,120 psi)
Power Boost (Boom, Arm, Bucket)	360 kgf/cm ² (5,120 psi)
Swing Circuit	300 kgf/cm ² (4,270 psi)
Pilot Circuit	40 kgf/cm ² (570 psi)
Service Valve	Installation

Hydraulic Cylinder	
Number of Cylinders	Boom : Ø215 x 1935 mm (2EA) Arm : Ø225 x 2290 mm (1EA)
Cylinder's Inner Diameter X Stroke Length	Bucket for 2.95 m arm : Ø215x1593 mm (1EA) for 3.6 m, 4.4 m arm : Ø200x1593 mm (1EA)

DRIVING AND BRAKING	
Motor Type	Hydrostatic Type
Driving Motor	Axial Piston Motor
Deceleration System	Planetary Reduction Gear
Max. Drawbar Pull	66,800 kgf
Maximum Driving Speed	2.4 km/hr / 3.5 km
Gradeability	35° (70 %)
Parking Brake	Wet Multi-Plate Disk

DIGGING FORCE						
Boom	Length	mm	7,200 (23' 7")		8,200 (26' 11")	
	Weight	kg	8,810 (19,420)		9,420 (20,770)	
Arm	Length	mm	2,950 (9' 8")		3,600 (11' 10")	
	Weight	kg	4,950 (10,910)		5,140 (11,330)	
Bucket digging force	SAE	kgf	39,300 [42,870]		34,100 [37,200]	
	ISO	kgf	44,800 [48,870]		38,900 [42,440]	
Arm crowd force	SAE	kgf	38,000 [41,450]		31,400 [34,250]	
	ISO	kgf	39,500 [43,090]		32,600 [35,560]	

MANEUVERABILITY	
The joystick lever and pedal operated by pilot pressure ensure soft and light maneuver, resulting in reduced fatigue for Operators.	
Pilot Control	Joystick Lever (2EA) and Safety Lever (Left side): Swing and Arm, (Right side): Boom and Bucket
Driving and Steering	Lever (2EA) and Pedal
Engine Throttle	Electronic, Dial Type

SWING SYSTEM	
Swing Motor	Axial Piston Motor
Swing Reducer	Planetary Reduction Gear
Swing Bearing Lubrication	Grease Filling Type
Swing Brake	Wet Multi-Plate Disk
Swing Speed	6.2 rpm

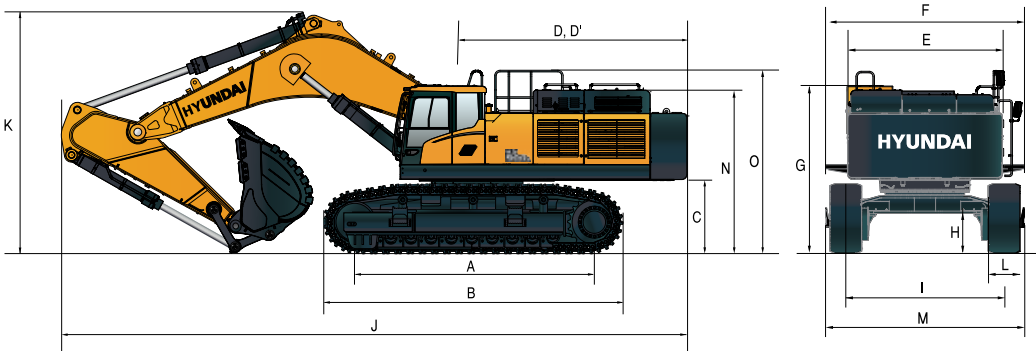
COOLANT AND LUBRICATION OIL CAPACITY	
Charging Type	ℓ
Fuel Tank	1,110
Engine Coolant	70
Engine Oil	38
Swing Reducer - Gear Oil	14
Final Drive - Gear Oil	20
Hydraulic System (including Tank)	940
Hydraulic Tank	450
Urea Tank	69

UNDERCARRIAGE	
The X-shaped center frame and reinforced-type center frame were fabricated by special structural weld, and the undercarriage consists of roller, idler, track adjuster with shock absorbing spring, and sprocket and track chain.	
Center Frame	X-leg Type
Track Frame	High-Strength Box Type
Number of Shoes (for one side)	52
Number of Carrier Rollers (for one side)	3
Number of Track Rollers (for one side)	9
Number of Rail Guards (for one side)	2

OPERATING WEIGHT			
Operating weight includes 8,200mm boom, 3,600mm arm, lubrication oil, coolant, 3.60m ³ bucket (SAE), fully filled fuel tank and hydraulic tank, and all other standard specifications.			
Track Shoe		Operating Weight	Contact pressure
Type	Width mm	kg	kgf/cm ² (psi)
Double Grouser	700 mm	88,800 kg	1.14 (16.21)
	800 mm	89,620 kg	1.01 (14.36)
	900 mm	90,440 kg	0.90 (12.80)
Weights of the main parts			
Upper Part (excluding the lower center frame)		18,370 kg	
Counterweight		13,600 kg	
Boom (including arm cylinder)		9,420 kg	

DIMENSION & WORKING RANGE

HX900L DIMENSION	
7.2m, 8.2m Boom / 2.95m, 3.6m, 4.4m Arm	



Unit : mm

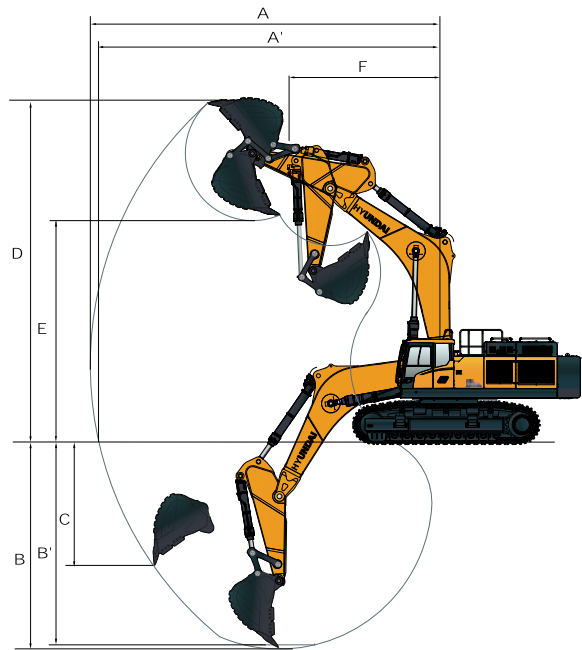
Division	7.2m / 8.2m Boom
A Tumbler Distance	5,130
B Track Length	6,435
C Ground clearance -Counterweight	1,620
D Tail Swing Radius	4,650
D' Rear End Length	4,550
E Upper Part Height	3,420
F Overall Width -Including Cat Walk	4,290
G Ground Clearance - Operating Room	3,830
H Min. Ground Clearance	880
I Track Gauge	Extended 3,500
	Retracted 4,200

Division	7.2m Boom	8.2m Boom		
	2.95m Arm	2.95m Arm	3.6m Arm	4.4m Arm
J Overall Length	13,620	14,620	14,460	14,510
K Overall Height	5,360	5,220	5,180	5,440

L Track Shoe Width		700	800	900
M Undercarriage Width	Extended	4,200	4,300	4,400
	Retracted	3,480	3,580	3,680

- The specifications described above may be changed without prior notice due to quality improvements.
- The colors used in this catalogue may differ from actual colors to a certain degree.
- * Indicates standard specifications.

HX900L WORKING RANGE	
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Working Range (Unit : mm)

Division	7.2 m Boom	8.2 m Boom*		
	2.95 m Arm	2.95 m Arm	3.6 m Arm	4.4 m Arm
A Max. Digging Reach	12,300	13,360	13,920	14,670
A' Max. Digging Reach on Ground	12,020	13,090	13,670	14,430
B Max. Digging Depth	7,230	8,160	8,810	9,610
B' Max. Digging Depth(8' level)	7,090	8,020	8,680	9,500
C Max. Vertical Digging Depth	4,370	5,250	6,000	6,670
D Max. Digging Height	11,910	12,630	12,780	13,190
E Max. Dumping Height	7,800	8,490	8,690	9,030
F Min. Swing Radius	5,100	5,930	5,970	5,970

- * Indicates standard specifications.

LIFTING CAPACITY

HX900L

Boom: 7.20 m, Arm:2.95 m, Bucket:4.85 m', Shoe:700 mm double grouser

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		m(ft)
9.0m	kg							*22,440	*22,440			*20,960	*20,960	7.63
29.5ft	lb							*49,470	*49,470			*46,210	*46,210	(25.0)
7.5m	kg							*23,970	*23,970			*20,020	19,150	8.68
24.6ft	lb							*52,840	*52,840			*44,140	42,220	(28.5)
6.0m	kg			*38,200	*38,200	*29,660	*29,660	*24,980	23,980	*22,110	17,750	*19,840	16,520	9.38
19.7ft	lb			*84,220	*84,220	*65,390	*65,390	*55,070	52,870	*48,740	39,130	*43,740	36,420	(30.8)
4.5m	kg					*32,700	32,410	*26,400	22,960	*22,560	17,270	*20,240	15,040	9.79
14.8ft	lb					*72,090	71,450	*58,200	50,620	*49,740	38,070	*44,620	33,160	(32.1)
3.0m	kg					*35,050	30,510	*27,590	21,940	*22,980	16,720	*20,640	14,300	9.96
9.8ft	lb					*77,270	67,260	*60,830	48,370	*50,660	36,860	*45,500	31,530	(32.7)
1.5m	kg					*35,620	29,250	*28,010	21,130	*22,900	16,250	*20,260	14,160	9.90
4.9ft	lb					*78,530	64,490	*61,750	46,580	*50,490	35,830	*44,670	31,220	(32.5)
0.0m	kg					*34,230	28,650	*27,230	20,640	*21,890	15,960	*19,740	14,610	9.60
0.0ft	lb					*75,460	63,160	*60,030	45,500	*48,260	35,190	*43,520	32,210	(31.5)
-1.5m	kg			*37,480	*37,480	*31,020	28,520	*24,890	20,490	*19,060	15,960	*18,860	15,870	9.04
-4.9ft	lb			*82,630	*82,630	*68,390	62,880	*54,870	45,170	*42,020	35,190	*41,580	34,990	(29.7)
-3.0m	kg			*30,370	*30,370	*25,700	*25,700	*20,210	*20,210			*17,140	*17,140	8.17
-9.8ft	lb			*66,950	*66,950	*56,660	*56,660	*44,560	*44,560			*37,790	*37,790	(26.8)
-4.5m	kg			*19,940	*19,940	*16,840	*16,840					*13,310	*13,310	6.86
-14.8ft	lb			*43,960	*43,960	*37,130	*37,130					*29,340	*29,340	(22.5)

HX900L

Boom: 8.20 m, Arm:2.95 m, Bucket:4.85 m³, Shoe:700 mm double grouser

Lift-point height (m/ft)		Lift-point radius										At max. reach				
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		Capacity		m(ft)
10.5m	kg							*21,570	*21,570					*21,500	*21,500	7.67
34.4ft	lb							*47,550	*47,550					*47,400	*47,400	(25.2)
9.0m	kg													*19,770	18,110	8.98
29.5ft	lb													*43,590	39,930	(29.5)
7.5m	kg							*21,980	*21,980	*19,660	17,890			*18,850	15,090	9.89
24.6ft	lb							*48,460	*48,460	*43,340	39,440			*41,560	33,270	(32.4)
6.0m	kg					*28,820	*28,820	*23,450	23,140	*20,270	17,330			*18,290	13,330	10.50
19.7ft	lb					*63,540	*63,540	*51,700	51,010	*44,690	38,210			*40,320	29,390	(34.4)
4.5m	kg							*25,090	21,870	*21,060	16,630	*18,440	13,030	*17,920	12,280	10.87
14.8ft	lb							*55,310	48,220	*46,430	36,660	*40,650	28,730	*39,510	27,070	(35.7)
3.0m	kg							*26,350	20,720	*21,720	15,950	*18,600	12,660	*17,650	11,730	11.02
9.8ft	lb							*58,090	45,680	*47,880	35,160	*41,010	27,910	*38,910	25,860	(36.2)
1.5m	kg							*26,780	19,910	*21,950	15,400	*18,450	12,350	*17,400	11,600	10.96
4.9ft	lb							*59,040	43,890	*48,390	33,950	*40,680	27,230	*38,360	25,570	(36.0)
0.0m	kg							*26,210	19,460	*21,510	15,060	*17,640	12,180	*17,070	11,880	10.70
0.0ft	lb							*57,780	42,900	*47,420	33,200	*38,890	26,850	*37,630	26,190	(35.1)
-1.5m	kg					*29,630	27,100	*24,560	19,330	*20,120	14,960			*16,540	12,690	10.20
-4.9ft	lb					*65,320	59,750	*54,150	42,620	*44,360	32,980			*36,460	27,980	(33.5)
-3.0m	kg			*28,720	*28,720	*25,840	*25,840	*21,630	19,500	*17,200	15,150			*15,550	14,290	9.44
-9.8ft	lb			*63,320	*63,320	*56,970	*56,970	*47,690	42,990	*37,920	33,400			*34,280	31,500	(31.0)
-4.5m	kg			*22,220	*22,220	*20,270	*20,270	*16,600	*16,600					*13,570	*13,570	8.33
-14.8ft	lb			*48,990	*48,990	*44,690	*44,690	*36,600	*36,600					*29,920	*29,920	(27.3)

1. Lifting capacity is based on ISO 10,567.
2. Load point is the end pin point of front attachment.
3. Lifting capacity does not exceed 75% of tipping load or 87% of hydraulic capacity.
4. (*) indicates the load limited by hydraulic capacity.

HX900L

Boom: 8.20 m, Arm:3.6 m, Bucket:4.85 m³, Shoe:700 mm double grouser

Lift-point height (m/ft)		Lift-point radius										At max. reach					
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		Capacity		m(ft)	
10.5m	kg														*14,300	*14,300	8.47
34.4ft	lb														*31,530	*31,530	(27.8)
9.0m	kg									*17,910	*17,910				*13,440	*13,440	9.67
29.5ft	lb									*39,480	*39,480				*29,630	*29,630	(31.7)
7.5m	kg									*18,750	18,280	*13,220	*13,220		*13,070	*13,070	10.51
24.6ft	lb									*41,340	40,300	*29,150	*29,150		*28,810	*28,810	(34.5)
6.0m	kg					*27,270	*27,270	*22,480	*22,480	*19,540	17,690	*17,600	13,630		*13,040	12,320	11.09
19.7ft	lb					*60,120	*60,120	*49,560	*49,560	*43,080	39,000	*38,800	30,050		*28,750	27,160	(36.4)
4.5m	kg					*30,770	*30,770	*24,320	22,430	*20,510	16,960	*18,000	13,240		*13,300	11,420	11.44
14.8ft	lb					*67,840	*67,840	*53,620	49,450	*45,220	37,390	*39,680	29,190		*29,320	25,180	(37.5)
3.0m	kg					*33,410	29,230	*25,890	21,200	*21,390	16,230	*18,380	12,820		*13,850	10,930	11.59
9.8ft	lb					*73,660	64,440	*57,080	46,740	*47,160	35,780	*40,520	28,260		*30,530	24,100	(38.0)
1.5m	kg					*34,260	27,890	*26,730	20,260	*21,890	15,610	*18,500	12,440		*14,740	10,790	11.53
4.9ft	lb					*75,530	61,490	*58,930	44,670	*48,260	34,410	*40,790	27,430		*32,500	23,790	(37.8)
0.0m	kg					*33,450	27,280	*26,620	19,660	*21,790	15,180	*18,130	12,180		*16,110	11,000	11.28
0.0ft	lb					*73,740	60,140	*58,690	43,340	*48,040	33,470	*39,970	26,850		*35,520	24,250	(37.0)
-1.5m	kg			*23,630	*23,630	*31,380	27,120	*25,470	19,400	*20,860	14,960	*16,900	12,090		*15,970	11,640	10.81
-4.9ft	lb			*52,100	*52,100	*69,180	59,790	*56,150	42,770	*45,990	32,980	*37,260	26,650		*35,210	25,660	(35.5)
-3.0m	kg	*24,830	*24,830	*33,260	*33,260	*28,120	27,280	*23,140	19,430	*18,760	15,000				*15,350	12,900	10.09
-9.8ft	lb	*54,740	*54,740	*73,330	*73,330	*61,990	60,140	*51,010	42,840	*41,360	33,070				*33,840	28,440	(33.1)
-4.5m	kg			*26,990	*26,990	*23,290	*23,290	*19,160	*19,160	*14,380	*14,380				*14,080	*14,080	9.07
-14.8ft	lb			*59,500	*59,500	*51,350	*51,350	*42,240	*42,240	*31,700	*31,700				*31,040	*31,040	(29.8)
-6.0m	kg					*15,890	*15,890	*11,750	*11,750						*11,240	*11,240	7.62
-19.7ft	lb					*35,030	*35,030	*25,900	*25,900						*24,780	*24,780	(25.0)

HX900L

Boom: 8.20 m, Arm:4.4 m, Bucket:4.25 m³, Shoe:700 mm double grouser

Lift-point height (m/ft)		Lift-point radius										At max. reach						
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		Capacity		m(ft)
10.5m	kg									*12,800	*12,800					*10,320	*10,320	9.47
34.4ft	lb									*28,220	*28,220					*22,750	*22,750	(31.1)
9.0m	kg											*10,170	*10,170			*9760	*9760	10.55
29.5ft	lb											*22,420	*22,420			*21,520	*21,520	(34.6)
7.5m	kg									*16,730	*16,730	*14,160	*14,160			*9510	*9510	11.33
24.6ft	lb									*36,880	*36,880	*31,220	*31,220			*20,970	*20,970	(37.2)
6.0m	kg							*21,040	*21,040	*18,470	*18,470	*16,630	15,440			*9480	*9480	11.87
19.7ft	lb							*46,390	*46,390	*40,720	*40,720	*36,660	34,040			*20,900	*20,900	(38.9)
4.5m	kg					*28,740	*28,740	*23,060	*23,060	*19,620	19,140	*17,310	14,990	*11,650	*11,650	*9640	*9640	12.19
14.8ft	lb					*63,360	*63,360	*50,840	*50,840	*43,250	42,200	*38,160	33,050	*25,680	*25,680	*21,250	*21,250	(40.0)
3.0m	kg					*32,000	*32,000	*24,950	24,020	*20,720	18,330	*17,890	14,500	*13,560	11,700	*10,000	*10,000	12.33
9.8ft	lb					*70,550	*70,550	*55,010	52,950	*45,680	40,410	*39,440	31,970	*29,890	25,790	*22,050	*22,050	(40.5)
1.5m	kg					*33,830	31,640	*26,250	22,910	*21,510	17,620	*18,270	14,040	*14,120	11,450	*10,590	*10,590	12.28
4.9ft	lb					*74,580	69,750	*57,870	50,510	*47,420	38,850	*40,280	30,950	*31,130	25,240	*23,350	*23,350	(40.3)
0.0m	kg			*16,130	*16,130	*34,000	30,650	*26,670	22,140	*21,780	17,080	*18,270	13,690	*12,150	11,270	*11,480	11,210	12.04
0.0ft	lb			*35,560	*35,560	*74,960	67,570	*58,800	48,810	*48,020	37,650	*40,280	30,180	*26,790	24,850	*25,310	24,710	(39.5)
-1.5m	kg			*23,380	*23,380	*32,740	30,220	*26,100	21,700	*21,320	16,750	*17,640	13,480			*12,810	11,750	11.60
-4.9ft	lb			*51,540	*51,540	*72,180	66,620	*57,540	47,840	*47,000	36,930	*38,890	29,720			*28,240	25,900	(38.1)
-3.0m	kg	*22,010	*22,010	*32,840	*32,840	*30,200	30,190	*24,430	21,580	*19,920	16,640	*15,960	13,470			*14,630	12,780	10.94
-9.8ft	lb	*48,520	*48,520	*72,400	*72,400	*66,580	66,560	*53,860	47,580	*43,920	36,680	*35,190	29,700			*32,250	28,180	(35.9)
-4.5m	kg	*31,900	*31,900	*31,930	*31,930	*26,240	*26,240	*21,400	*21,400	*17,090	16,800					*13,860	*13,860	10.01
-14.8ft	lb	*70,330	*70,330	*70,390	*70,390	*57,850	*57,850	*47,180	*47,180	*37,680	37,040					*30,560	*30,560	(32.8)
-6.0m	kg			*24,070	*24,070	*20,280	*20,280	*16,250	*16,250							*12,210	*12,210	8.72
-19.7ft	lb			*53,070	*53,070	*44,710	*44,710	*35,830	*35,830							*26,920	*26,920	(28.6)

LIFTING CAPACITY

HX900L

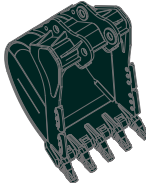
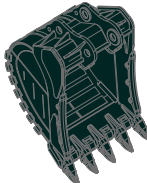
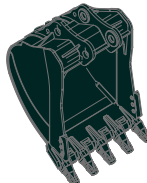
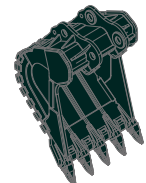
Boom: 8.20 m, Arm: 4.4 m, Bucket: 4.25 m³, Shoe: 900 mm double grouser

Lift-point height (m/ft)		Lift-point radius										At max. reach	
		3.0m (9.8ft)	4.5m (14.8ft)	6.0m (19.7ft)	7.5m (24.6ft)	9.0m (29.5ft)	10.5m (34.4ft)	12.0m (39.4ft)	Capacity	m(ft)			
10.5m	kg					*1,2800	*1,2800		*10,320	*10,320	9.47		
34.4ft	lb					*28,220	*28,220		*22,750	*22,750	(31.1)		
9.0m	kg						*10,170	*10,170	*9760	*9760	10.55		
29.5ft	lb						*22,420	*22,420	*21,520	*21,520	(34.6)		
7.5m	kg					*16,730	*16,730	*14,160	*9510	*9510	11.33		
24.6ft	lb					*36,880	*36,880	*31,220	*20,970	*20,970	(37.2)		
6.0m	kg				*21,040	*21,040	*18,470	*16,630	*9480	*9480	11.87		
19.7ft	lb				*46,390	*46,390	*40,720	*36,660	*20,900	*20,900	(38.9)		
4.5m	kg			*28,740	*28,740	*23,060	*23,060	*19,620	*9640	*9640	12.19		
14.8ft	lb			*63,360	*63,360	*50,840	*50,840	*43,250	*21,250	*21,250	(40.0)		
3.0m	kg			*32,000	*32,000	*24,950	24,440	*20,720	*10,000	*10,000	12.33		
9.8ft	lb			*70,550	*70,550	*55,010	53,880	*45,680	*22,050	*22,050	(40.5)		
1.5m	kg			*33,830	32,210	*26,250	23,330	*21,510	*10,590	*10,590	12.28		
4.9ft	lb			*74,580	71,010	*57,870	51,430	*47,420	*23,350	*23,350	(40.3)		
0.0m	kg		*16,130	*16,130	*34,000	31,220	*26,670	22,560	*11,480	*11,480	12.04		
0.0ft	lb		*35,560	*35,560	*74,960	68,830	*58,800	49,740	*25,310	*25,310	(39.5)		
-1.5m	kg		*23,380	*23,380	*32,740	30,790	*26,100	22,120	*12,810	*11,990	11.60		
-4.9ft	lb		*51,540	*51,540	*72,180	67,880	*57,540	48,770	*28,240	*26,430	(38.1)		
-3.0m	kg	*22,010	*22,010	*32,840	*32,840	*30,200	*24,430	21,990	*14,630	13,040	10.94		
-9.8ft	lb	*48,520	*48,520	*72,400	*72,400	*66,580	*53,860	48,480	*32,250	*28,750	(35.9)		
-4.5m	kg	*31,900	*31,900	*31,930	*31,930	*26,240	*26,240	*21,400	*13,860	*13,860	10.01		
-14.8ft	lb	*70,330	*70,330	*70,390	*70,390	*57,850	*57,850	*47,180	*30,560	*30,560	(32.8)		
-6.0m	kg			*24,070	*24,070	*20,280	*20,280	*16,250	*12,210	*12,210	8.72		
-19.7ft	lb			*53,070	*53,070	*44,710	*44,710	*35,830	*26,920	*26,920	(28.6)		

1. Lifting capacity is based on ISO 10,567.
2. Load point is the end pin point of front attachment.
3. Lifting capacity does not exceed 75% of tipping load or 87% of hydraulic capacity.
4. (*) indicates the load limited by hydraulic capacity.

BUCKET SELECTION GUIDE

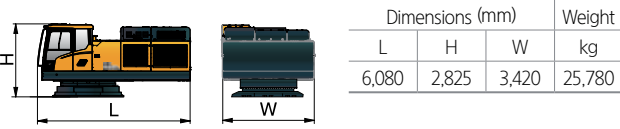
BUCKETS : All buckets are welded with wear-resistant material.

									
SAE heaped m³		(H)	(R)	(H)	(R)				
Capacity (m³)		Width (mm)	Weight (kg)	Tooth EA	7.2m Boom	8.2m Boom			
SAE heaped	CECE heaped				2.95m Arm	2.95m Arm	3.6m Arm	4.4m Arm	
(H)	3.70	3.30	1,845	4,370	4	●	⦿	■	■
(H)	4.25	3.75	2,045	4,730	5	●	■	▲	▲
(H)	4.85	4.25	2,245	5,000	5	⦿	▲	▲	▲
(H)	5.40	4.75	2,445	5,275	5	■	-	-	-
(H)	5.80	5.05	2,585	5,555	6	▲	-	-	-
(R)	3.70	3.30	1,845	4,850	4	●	⦿	■	■
(R)	4.25	3.75	2,045	5,235	5	⦿	■	▲	▲
(R)	4.85	4.25	2,245	5,530	5	■	▲	-	-
(R)	5.40	4.75	2,445	5,830	5	■	-	-	-
(H)	4.25	3.75	2,045	4,150	5	●	■	■	■
(R)	3.60	3.10	1,920	4,600	5	●	⦿	■	■

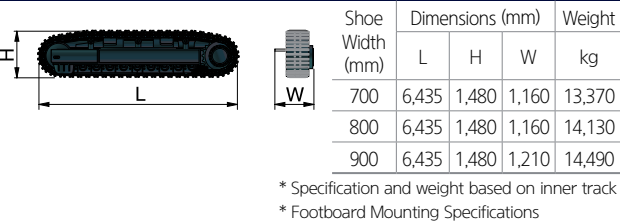
- H : Heavy Duty / Light-Heavy Duty
R : Rock / Rock-Special
- Applicable for materials with density of 2,100 kg/m³ (3,500 lb/yd³) or less
○ Applicable for materials with density of 1,800 kg/m³ (3,000 lb/yd³) or less
■ Applicable for materials with density of 1,500 kg/m³ (2,500 lb/yd³) or less
▲ Applicable for materials with density of 1,200 kg/m³ (2,000 lb/yd³) or less

TRANSPORTATION PLAN

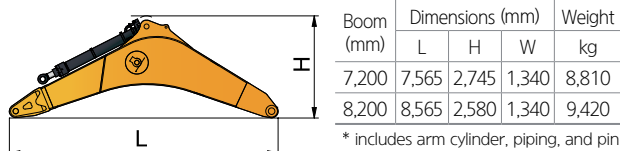
UPPERSTRUCTURE



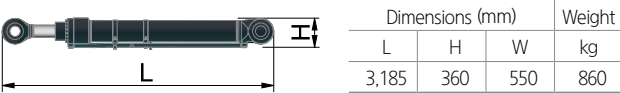
TRACK FRAME



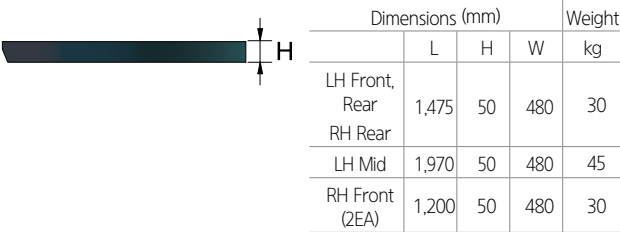
BOOM & ARM CYLINDER



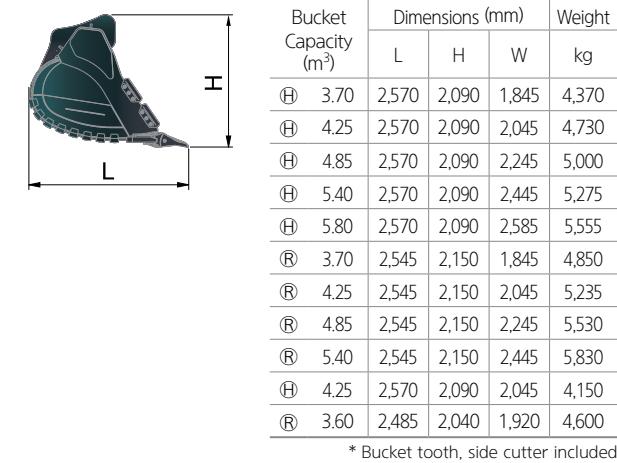
BOOM CYLINDER



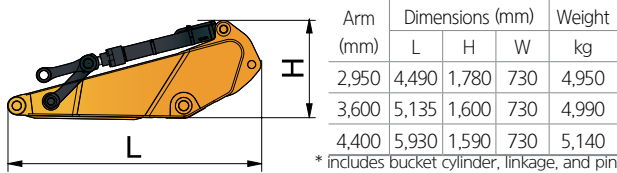
CATWALK



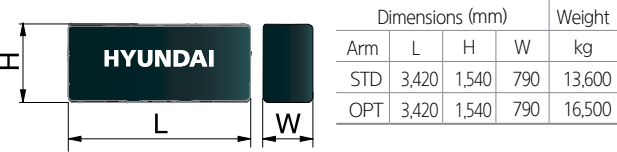
BUCKET



ARM & BUCKET CYLINDER & CONTROL LINKAGE



COUNTER WEIGHT



FRONTLESS EXCAVATOR

