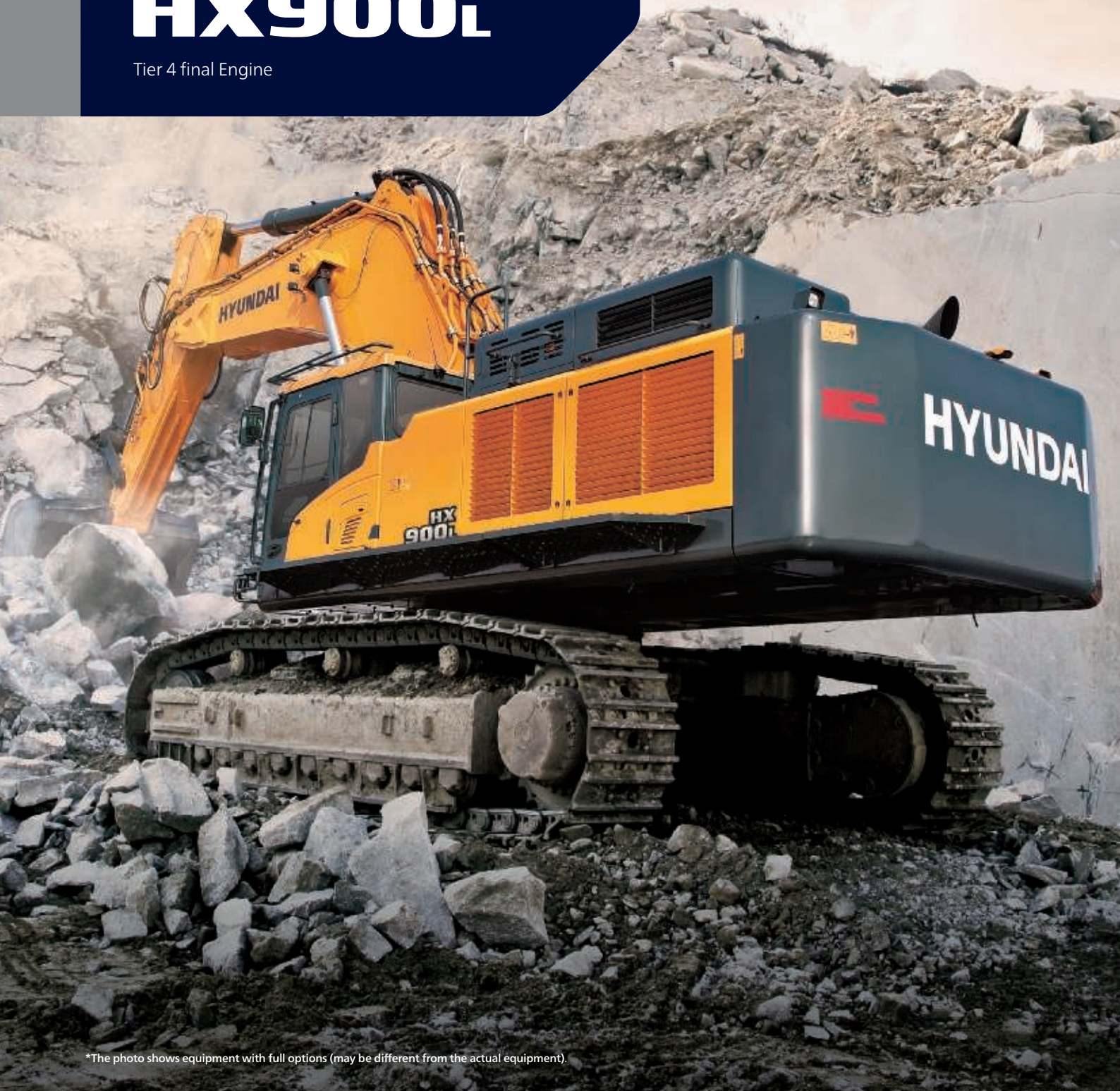


MOVING YOU FURTHER

HX900L

Tier 4 final Engine



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

Engine Output

478 kW (650 PS) at 2,100 rpm

Travel Speed

2.4 km/hr / 3.5 km/hr

Operating Weight

88,800 kg / 196,000 lb



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 tenacity. 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.





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

RULE THE GROUND

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



HX900L



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



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



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



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!

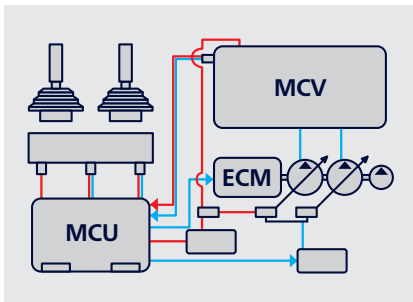
The HX Series delivers higher power output and superior fuel economy with the adoption of an environmentally-friendly, high performance engine that will fully satisfy customer requirements at every type of worksite, having endured and successfully passed rigorous tests in diverse worksites and conditions.



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.



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 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.



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.



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.

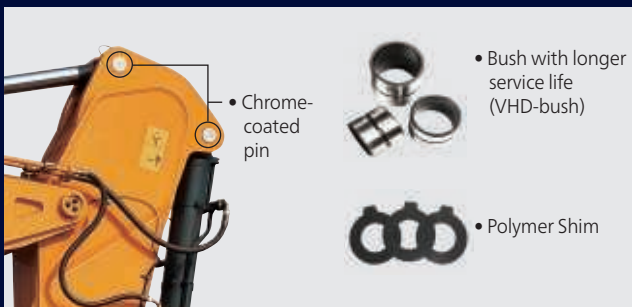


Full Track Guard Exclusively Designed for Harsh Environments

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



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



Improved Durability of Pin, Bush and Shim



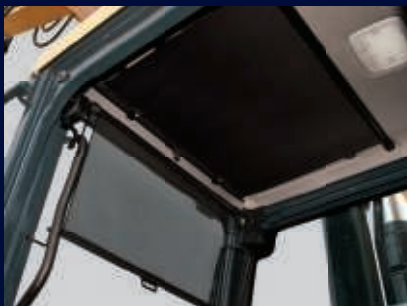
Bucket with Improved Durability and Wear Resistance



Safety-strengthened Guardrail



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



Sunroof



Large-capacity Air Compressor



Sufficient Storage Space

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

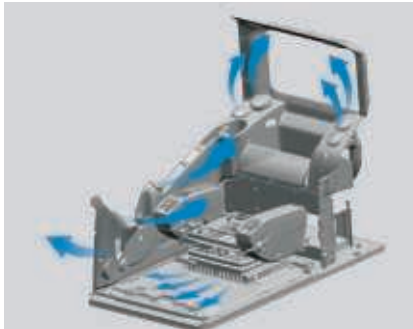
Hands free, smart phone-connected music play



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.



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 hot-wires is provided as a standard feature.

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

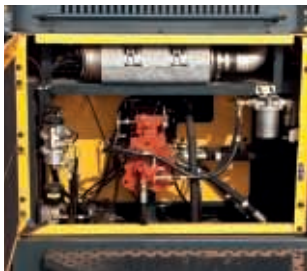
CONVENIENT AND SAFE SOLUTION

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.



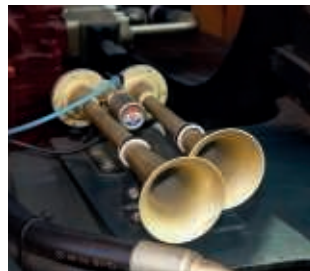
Full Open Engine Hood

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.

What are the Benefits?



Increase Productivity

It helps you operate machines 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 not much to do to monitor your machines. Just 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

Maker / Model	Scania DC16 084A
Type	Environment-friendly Water Cooling 4-Stroke Cycle Diesel Engine Direct Injection V8 Cylinder, Turbo Charger, Intercooler
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 12 V x 160 Ah
Starting motor	24 V x 7 kW
Alternator	24 V, 100 A
Rated Output Power	478 kW (650 PS) / 2,100 rpm

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 cylinders

Number of Cylinders Cylinder's Inner Diameter x Stroke Length	Boom: Ø 215 x 1,935 mm (2EA) Arm: Ø 225 x 2,290 mm (1EA) Bucket for 2.95 m arm: Ø 215 x 1,593 mm (1EA) Bucket for 3.6 m; 4.4 m arm: Ø 200 x 1,593 mm (1EA)
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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/hr
Gradeability	35° (70%)
Parking brake	Wet Multi-Plate Disk

Manoeuvrability

The joystick lever and pedal operated by pilot pressure ensure soft and light manoeuvre, 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 reduction	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 8,200 mm boom; 3,600 mm arm, lubrication oil, coolant, 3.60 m³ 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

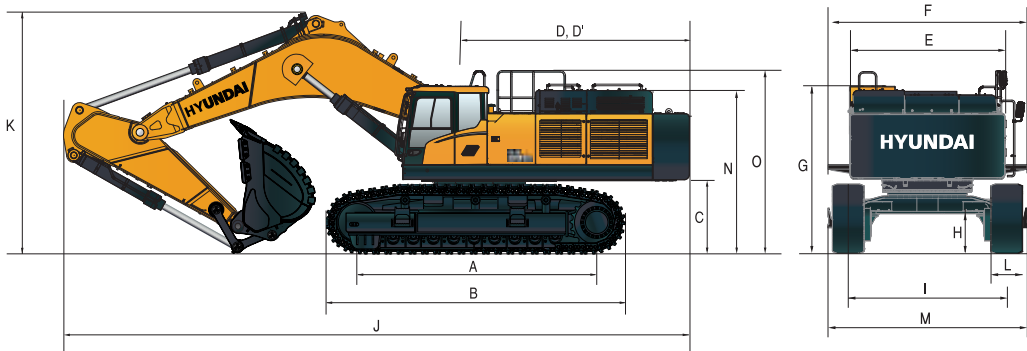
Digging Force

Boom	Length	mm	7,200	8,200	8,200	8,200
	Weight	kg	8,810	9,420	9,420	9,420
Arm	Length	mm	2,950	2,950	3,600	4,400
	Weight	kg	4,950	4,950	4,990	5,140
Bucket Digging Force	ISO	kgf	39,300	39,300	34,100	34,100
	SAE	kgf	44,800	44,800	38,900	38,900
Arm Digging Force	ISO	kgf	38,000	38,000	31,400	27,200
	SAE	kgf	39,500	39,500	32,600	28,000

DIMENSIONS & WORKING RANGE

HX900L Dimensions

7.2 m; 8.2 m Boom / 2.95 m; 3.6 m; 4.4 m Arm



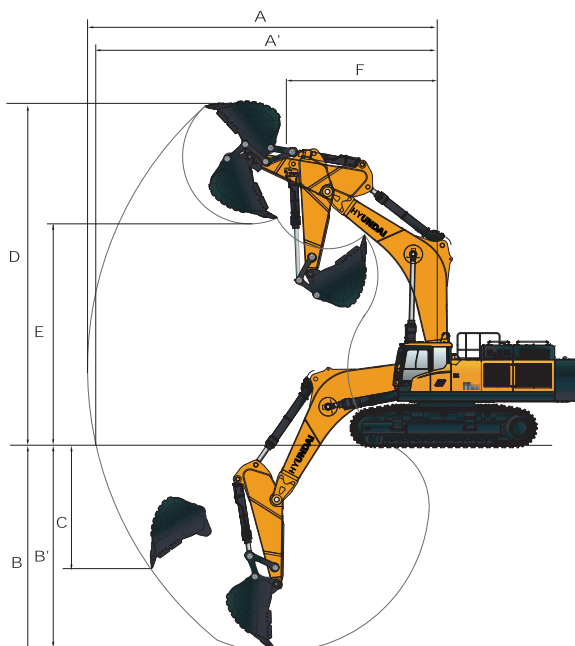
Unit : mm

Division	7.2 m / 8.2 m 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	7.2 m Boom	8.2 m Boom		
	2.95 m Arm	2.95 m Arm	3.6 m Arm	4.4 m 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



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

 Rating over-front  Rating over-side or 360 degrees

HX900L















Boom: 7.20 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			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity	Reach		
													m (ft)	
9.0 m 29.5 ft	kg lb							*22,440 *49,470	*22,440 *49,470			*20,960 *46,210	*20,960 *46,210	7.63 (25.0)
7.5 m 24.6 ft	kg lb							*23,970 *52,840	*23,970 *52,840			*20,020 *44,140	19,150 42,220	8.68 (28.5)
6.0 m 19.7 ft	kg lb			*38,200 *84,220	*38,200 *84,220	*29,660 *65,390	*29,660 *65,390	*24,980 *55,070	23,980 52,870	*22,110 *48,740	17,750 39,130	*19,840 *43,740	16,520 36,420	9.38 (30.8)
4.5 m 14.8 ft	kg lb					*32,700 *72,090	32,410 71,450	*26,400 *58,200	22,960 50,620	*22,560 *49,740	17,270 38,070	*20,240 *44,620	15,040 33,160	9.79 (32.1)
3.0 m 9.8 ft	kg lb					*35,050 *77,270	30,510 67,260	*27,590 *60,830	21,940 48,370	*22,980 *50,660	16,720 36,860	*20,640 *45,500	14,300 31,530	9.96 (32.7)
1.5 m 4.9 ft	kg lb					*35,620 *78,530	29,250 64,490	*28,010 *61,750	21,130 46,580	*22,900 *50,490	16,250 35,830	*20,260 *44,670	14,160 31,220	9.90 (32.5)
0.0 m 0.0 ft	kg lb					*34,230 *75,460	28,650 63,160	*27,230 *60,030	20,640 45,500	*21,890 *48,260	15,960 35,190	*19,740 *43,520	14,610 32,210	9.60 (31.5)
-1.5 m -4.9 ft	kg lb			*37,480 *82,630	*37,480 *82,630	*31,020 *68,390	28,520 62,880	*24,890 *54,870	20,490 45,170	*19,060 *42,020	15,960 35,190	*18,860 *41,580	15,870 34,990	9.04 (29.7)
-3.0 m -9.8 ft	kg lb			*30,370 *66,950	*30,370 *66,950	*25,700 *56,660	*25,700 *56,660	*20,210 *44,560	*20,210 *44,560			*17,140 *37,790	*17,140 *37,790	8.17 (26.8)
-4.5 m -14.8 ft	kg lb			*19,940 *43,960	*19,940 *43,960	*16,840 *37,130	*16,840 *37,130					*13,310 *29,340	*13,310 *29,340	6.86 (22.5)

 Rating over-front  Rating over-side or 360 degrees

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















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

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

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

 Rating over-front  Rating over-side or 360 degrees

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						
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		10.5 m (34.4 ft)		12.0 m (39.4 ft)		Capacity		Reach		
																		m (ft)		
10.5 m	kg									*12,800	*12,800							*10,320	*10,320	9.47
34.4 ft	lb									*28,220	*28,220							*22,750	*22,750	(31.1)
9.0 m	kg											*10,170	*10,170					*9,760	*9,760	10.55
29.5 ft	lb											*22,420	*22,420					*21,520	*21,520	(34.6)
7.5 m	kg									*16,730	*16,730	*14,160	*14,160					*9,510	*9,510	11.33
24.6 ft	lb									*36,880	*36,880	*31,220	*31,220					*20,970	*20,970	(37.2)
6.0 m	kg							*21,040	*21,040	*18,470	*18,470	*16,630	15,440					*9,480	*9,480	11.87
19.7 ft	lb							*46,390	*46,390	*40,720	*40,720	*36,660	34,040					*20,900	*20,900	(38.9)
4.5 m	kg					*28,740	*28,740	*23,060	*23,060	*19,620	19,140	*17,310	14,990	*11,650	*11,650			*9,640	*9,640	12.19
14.8 ft	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)
3.0 m	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
9.8 ft	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)
1.5 m	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
4.9 ft	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)
0.0 m	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
0.0 ft	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)
-1.5 m	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
-4.9 ft	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)
-3.0 m	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
-9.8 ft	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)
-4.5 m	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
-14.8 ft	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)
-6.0 m	kg			*24,070	*24,070	*20,280	*20,280	*16,250	*16,250									*12,210	*12,210	8.72
-19.7 ft	lb			*53,070	*53,070	*44,710	*44,710	*35,830	*35,830									*26,920	*26,920	(28.6)

- Lifting capacity is based on ISO 10,567.
- Load point is the end pin point of front attachment.















- Lifting capacity does not exceed 75% of tipping load or 87% of hydraulic capacity.
- (*) indicates the load limited by hydraulic capacity.

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX900L

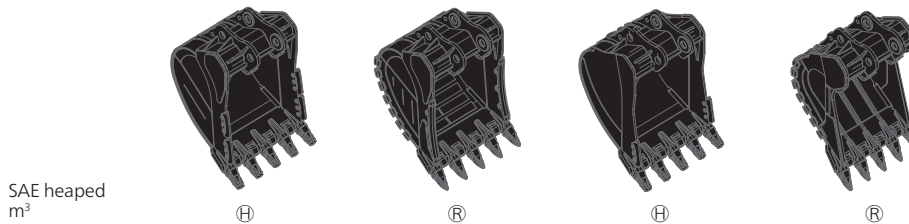
Boom: 8.20 m; Arm: 4.4 m; Bucket: 4.25 m³; Shoe: 900 mm double grouser

Lift-point height (m / ft)	Lift-point radius												At max. reach					
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		10.5 m (34.4 ft)		12.0 m (39.4 ft)		Capacity	Reach		
																m (ft)		
10.5 m 34.4 ft	kg lb									*1,2800 *28,220	*1,2800 *28,220					*10,320 *22,750	*10,320 *22,750	9.47 (31.1)
9.0 m 29.5 ft	kg lb											*10,170 *22,420	*10,170 *22,420			*9760 *21,520	*9760 *21,520	10.55 (34.6)
7.5 m 24.6 ft	kg lb									*16,730 *36,880	*16,730 *36,880	*14,160 *31,220	*14,160 *31,220			*9510 *20,970	*9510 *20,970	11.33 (37.2)
6.0 m 19.7 ft	kg lb						*21,040 *46,390	*21,040 *46,390	*18,470 *40,720	*18,470 *40,720	*16,630 *36,660	15,710 34,630			*9480 *20,900	*9480 *20,900	11.87 (38.9)	
4.5 m 14.8 ft	kg lb				*28,740 *63,360	*28,740 *63,360	*23,060 *50,840	*23,060 *50,840	*19,620 *43,250	19,470 42,920	*17,310 *38,160	15,260 33,640	*11,650 *25,680	*11,650 *25,680	*9640 *21,250	*9640 *21,250	12.19 (40.0)	
3.0 m 9.8 ft	kg lb				*32,000 *70,550	*32,000 *70,550	*24,950 *55,010	24,440 53,880	*20,720 *45,680	18,670 41,160	*17,890 *39,440	14,770 32,560	*13,560 *29,890	11,930 26,300	*10,000 *22,050	*10,000 *22,050	12.33 (40.5)	
1.5 m 4.9 ft	kg lb				*33,830 *74,580	32,210 71,010	*26,250 *57,870	23,330 51,430	*21,510 *47,420	17,950 39,570	*18,270 *40,280	14,320 31,570	*14,120 *31,130	11,680 25,750	*10,590 *23,350	*10,590 *23,350	12.28 (40.3)	
0.0 m 0.0 ft	kg lb			*16,130 *35,560	*16,130 *35,560	*34,000 *74,960	31,220 68,830	*26,670 *58,800	22,560 49,740	*21,780 *48,020	17,410 38,380	*18,270 *40,280	13,960 30,780	*12,150 *26,790	11,500 25,350	*11,480 *25,310	11,450 25,240	12.04 (39.5)
-1.5 m -4.9 ft	kg lb			*23,380 *51,540	*23,380 *51,540	*32,740 *72,180	30,790 67,880	*26,100 *57,540	22,120 48,770	*21,320 *47,000	17,080 37,650	*17,640 *38,890	13,750 30,310		*12,810 *28,240	11,990 26,430	11.60 (38.1)	
-3.0 m -9.8 ft	kg lb	*22,010 *48,520	*22,010 *48,520	*32,840 *72,400	*32,840 *72,400	*30,200 *66,580	*30,200 *66,580	*24,430 *53,860	21,990 48,480	*19,920 *43,920	16,970 37,410	*15,960 *35,190	13,740 30,290		*14,630 *32,250	13,040 28,750	10.94 (35.9)	
-4.5 m -14.8 ft	kg lb	*31,900 *70,330	*31,900 *70,330	*31,930 *70,390	*31,930 *70,390	*26,240 *57,850	*26,240 *57,850	*21,400 *47,180	*21,400 *47,180	*17,090 *37,680	*17,090 *37,680				*13,860 *30,560	*13,860 *30,560	10.01 (32.8)	
-6.0 m -19.7 ft	kg lb			*24,070 *53,070	*24,070 *53,070	*20,280 *44,710	*20,280 *44,710	*16,250 *35,830	*16,250 *35,830						*12,210 *26,920	*12,210 *26,920	8.72 (28.6)	

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

BUCKET SELECTION GUIDE

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



	Capacity (m ³)		Width (mm)	Weight (kg)	Tooth EA	7.2 m Boom		8.2 m Boom	
	SAE heaped	CECE heaped				2.95 m Arm	2.95 m Arm	3.6 m Arm	4.4 m 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

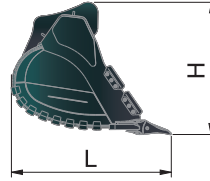
TRANSPORTATION PLAN

Upperstructure



Dimensions (mm)			Weight
L	H	W	kg
6,080	2,825	3,420	25,780

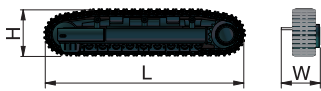
Bucket



Bucket Capacity (m ³)	Dimensions (mm)			Weight
	L	H	W	kg
Ⓜ 3.70	2,570	2,090	1,845	4,370
Ⓜ 4.25	2,570	2,090	2,045	4,730
Ⓜ 4.85	2,570	2,090	2,245	5,000
Ⓜ 5.40	2,570	2,090	2,445	5,275
Ⓜ 5.80	2,570	2,090	2,585	5,555
Ⓜ 3.70	2,545	2,150	1,845	4,850
Ⓜ 4.25	2,545	2,150	2,045	5,235
Ⓜ 4.85	2,545	2,150	2,245	5,530
Ⓜ 5.40	2,545	2,150	2,445	5,830
Ⓜ 4.25	2,570	2,090	2,045	4,150
Ⓜ 3.60	2,485	2,040	1,920	4,600

* Bucket tooth, side cutter included

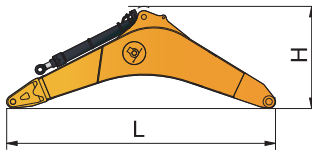
Track Frame



Shoe Width (mm)	Dimensions (mm)			Weight
	L	H	W	kg
700	6,435	1,480	1,160	13,370
800	6,435	1,480	1,160	14,130
900	6,435	1,480	1,210	14,490

* Specification and weight based on inner track
* Footboard Mounting Specifications

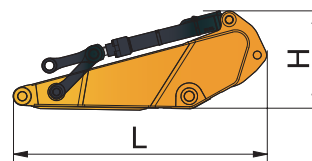
Boom & Arm Cylinder



Boom (mm)	Dimensions (mm)			Weight
	L	H	W	kg
7,200	7,565	2,745	1,340	8,810
8,200	8,565	2,580	1,340	9,420

* includes arm cylinder, piping, and pin

Arm & Bucket Cylinder & Control Linkage



Arm (mm)	Dimensions (mm)			Weight
	L	H	W	kg
2,950	4,490	1,780	730	4,950
3,600	5,135	1,600	730	4,990
4,400	5,930	1,590	730	5,140

* includes bucket cylinder, linkage, and pin

Boom Cylinder



Dimensions (mm)			Weight
L	H	W	kg
3,185	360	550	860

Counter Weight



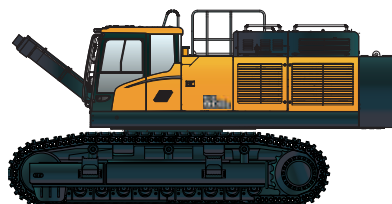
Arm	Dimensions (mm)			Weight
	L	H	W	kg
STD	3,420	1,540	790	13,600
OPT	3,420	1,540	790	16,500

Catwalk



	Dimensions (mm)			Weight
	L	H	W	kg
LH Front, Rear	1,475	50	480	30
RH Rear				
LH Mid	1,970	50	480	45
RH Front (2EA)	1,200	50	480	30

Frontless Excavator



* Bucket cylinders included

STANDARD EQUIPMENT

Premium Cabin (Iso)

All-weather Steel Cab with 360° Visibility
Safety Glass Windows
Rise-up Type Windshield 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
Fog (Falling Object Guard, ISO10262)
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 Gauge

Fuel Level Gauge
Cooling Water Temperature Gauge
Hydraulic Oil Temperature Gauge

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 (700 mm; 27.6")
Full Track Rail Guard
Lower Under Cover
Fuel Heater
Large Capacity of Air Cleaner
Hi-grade Hoses

Other

Batteries (4 x 12 V x 160 Ah)
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 700 mm / 2-bar)
Wet-type of Air Cleaner
Boom Floating
ECO Breaker Mode

- * Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
- * The photos may include attachments and optional equipment that are not available in your area.
- * Materials and specifications are subject to change without advance notice.
- * All imperial measurements rounded off to the nearest pound or inch.
- * The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant HFC-134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant which has a CO₂ equivalent of 1.2870 metric tonne.



PLEASE CONTACT

Hyundai Construction Equipment Europe nv

Hyundailaan 4, 3980 Tessenderlo, Belgium Tel: (32) 14-56-2200 Fax: (32) 14-59-3405 www.hyundai.eu

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