

HX300 L

EPA TIER 3 Engine installed



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

PLEASE CONTACT

Gross Power
164 kW(220 HP) at 2,000 rpm

Net Power
160 kW(215 HP) at 2,000 rpm

Bucket Capacity
1.27 ~ 1.85 m³

Operating Weight
29,980 kg / 66,090 lb

RULE THE GROUND

HX Series exceeds customer's expectation!
Become a true leader on the ground with HCE's HX series.

HX300 L

WORK MAX, WORTH MAX

- IPC (Intelligent Power Control) **Upgrade**
- Attachment Flow Control **Option**
- New Variable Power Control
- Fuel Rate Information
- ECO Gauge
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover

MORE RELIABLE, MORE SUSTAINABLE

- Durable Cooling Module
- Reinforced Pin, Bush, and Polymer Shim
- Reinforced Durability of Upper and Lower Structure and Attachments
- Wear Resistant Cover Plate
- Hi-grade (High-pressure) Hoses

INFOTAINMENT FRONTIER

- Proportional Auxiliary Hydraulic System **Option**
- Quick Coupler Button **Option**
- New Front Side Air-conditioning System
- Intelligent and Wide Cluster
- New Air Conditioning System
- Audio System



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System **Option**
- Hi MATE (Remote Management System) **Option**
- Swing Lock System **Option**
- Fine Swing Control **Option**
- Cab Suspension Mount

* Photo may include optional equipment.

15% increased greater screen from 7 to 8 inch is applied in HX Series. More functions and better resolution are available with adding premium options.

IPC (Intelligent Power Control)

Upgrade

HX Series adopts the upgraded IPC system. It is able to optimize pump flow rate and power at the various working condition through the individual pump control. Furthermore, optimized design of MCV and pipe line minimizes energy loss such as conflux and throttle loss.



Attachment Flow Control Option

HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.



Eco Gauge

Eco gauge enables economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



Fuel Rate Information



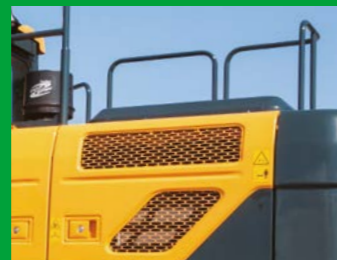
New Cooling System with Increased Air Flow

With the three-floor vertically placed cooling module improving air inflow, HX Series provides excellent cooling performance by increasing heat dissipation and can be easily cleaned.



Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.



New Variable Power Control

HX Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage power mode ensures the highest performance in any operating environment.



* P (power) mode : Maximizes speed and power of the equipment for heavy load work.

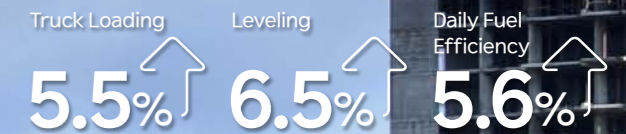


* S (standard) mode : Optimizes performance and fuel efficiency of the equipment for general load work.



* E (economy) mode : Improves the control system for light load work.

BETTER FUEL-EFFICIENCY (Compared to 9 Series)



WORK MAX, WORTH MAX

Fuel Efficient System Allows Great Performance

HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

* Photo may include optional equipment.



MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of HX Series lies in its durability. The robust frame structure and the attachments show the real value of HX Series in tough working environments and promise higher productivity.



We make the best performance in rough working conditions without any unsureness with trustworthy HX300 L.



Durable Cooling Module

HX Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.

Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.



Reinforced Pins, Bushing, and Polymer Shims

HX Series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.



Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Vibration reduction of buckets enables more stable operation even in high-load work.

Hi-grade (High-pressure) Hoses

HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.

* Photo may include optional equipment.

13%

CABIN SPACE FOR DRIVERS INCREASED BY (Compared to the previous model)

310mm

340mm



INFOTAINMENT FRONTIER

Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE's intensive information technology development, enables both productivity and comfort while working! HX Series is designed with the operator in mind.

* Photo may include optional equipment.

New Front Side Air-conditioning System

The ventilation is designed for both warm and cool air reaching to operator's faces. It could help operators create more neat and enjoyable atmosphere through indoor air circulation.



Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.



Quick Coupler Button Option

Easy attachment replacement of equipment is available with quick coupler button.



Proportional Auxiliary Hydraulic System Option

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming work.



Intelligent and Wide Cluster

The 8" capacitive-type display (like smartphone display) of HX Series is delivering excellent legibility. The centralized switches on the display allow convenience of checking temperature outside the cabin.



New Air Conditioning System

Front side Air Vent holes make operators more convenient and fresh through direct air flow to driver's face, foot and body.



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



Hi MATE

Option

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 IS BENEFITS



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. 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 Geofence boundary, you will get alerts.



HX300L with advanced technology ensures our safety on a construction site. //

HX Series excavators are products of HCE's spirit of initiative, creativity, and strong drive. HCE engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX Series reflects customers' needs in the field gleaned by thorough monitoring.

AAVM(Advanced Around View Monitoring) Camera System Option

HX Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear and to the right and left.

- **AAVM**(Advanced Around View Monitoring) : Secure field of vision in all directions by nine views including 3D bird's eye view and 2D/4CH view.
- **IMOD**(Intelligent Moving Object Detection) : Inform when people or dangerous objects are detected within the range of operation(recognition distance : 5 m).



Swing Lock System Option

Swing lock system is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Fine Swing Control Option

This option enables smooth movement at the start and stop of swing operation (Cushion Swing).

Cabin Suspension Mount

With a low-vibration design by the coil spring and damper inside the mount, the cab suspension mount of HX Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.

* Photo may include optional equipment.

HX300 L SPECIFICATIONS

ENGINE

Maker / Model	HYUNDAI / HE6.7 (Manufactured by Cummins)
Type	6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, electronic controlled diesel engine
Gross Power	164 kW (220 HP) at 2,000 rpm
Net Power	160 kW (215 HP) at 2,000 rpm
Max. Power	172 kW (230 HP) at 1,800 rpm
Peak Torque	949 N.m (700 lb.ft) at 1,400 rpm
Displacement	6.7ℓ (408 cu in)
Operating altitude (w/o derate)	0 ~ 3,048 m (10,000 ft)

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2×277ℓ /min (73.2 U.S. gpm / 60.9 U.K. gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

HYDRAULIC MOTORS

Travel	Two-speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm ² (4,978 psi)
Travel	350 kgf/cm ² (4,978 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,404 psi)
Swing circuit	300 kgf/cm ² (4,267 psi)
Pilot circuit	40 kgf/cm ² (568 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore X stroke	Boom: 2-140 X 1,465 mm (5.5" X 57.7")
	Arm: 1-150 X 1,670 mm (5.9" X 69.5")
	Bucket: 1-135 X 1,150 mm (5.3" X 46.7")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,405 kgf (60,417 lbf)
Max. travel speed (high / low)	5.9 km/hr (3.7 mph) / 3.3 km/hr (2.1 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control (ISO Type)	Two joysticks with one safety lever (LH): Swing and arm, Boom and bucket
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom, Two lights mounted on the frame

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	11.56 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	500.0	132.1	110.0
Engine coolant	22.4	5.9	4.9
Engine oil	23.1	6.1	5.1
Swing device	11.0	2.9	2.4
Final drive (each)	7.8	2.1	1.7
Hydraulic system (including tank)	330.0	87.2	72.6
Hydraulic tank	190.0	50.2	41.8

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48
No. of carrier roller on each side	2
No. of track roller on each side	9
No. of rail guard on each side	2

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,245mm (20' 6") boom, 3,100mm (10' 2") arm, SAE heaped 1.27m³ (1.66 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

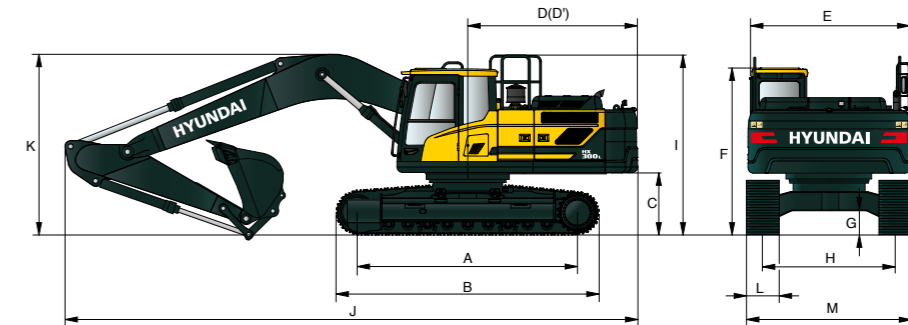
OPERATING WEIGHT

Type	Shoes	Width mm (in)	Operating Weight		Ground Pressure
			kg (lb)	kgf/cm ² (psi)	
Triple Grouser	600 (24")	HX300L T3	29,980 (66,090)	0.58 (8.21)	
		HX300L HW T3	32,890 (72,510)	0.63 (9.00)	
		HX300 LR T3	32,200 (70,990)	0.62 (8.81)	
	700 (28")	HX300L T3	30,540 (67,330)	0.50 (7.17)	
		HX300L HW T3	33,450 (73,740)	0.55 (7.85)	
		HX300 LR T3	32,760 (72,220)	0.54 (7.69)	
800 (32")	HX300L T3	30,910 (68,140)	0.45 (6.35)		
	HX300L HW T3	33,830 (74,580)	0.49 (6.95)		
	HX300 LR T3	33,130 (73,040)	0.48 (6.80)		
Double Grouser	700 (28")	HX300L HW T3	33,450 (73,740)	0.55 (7.83)	

HX300 L DIMENSIONS & WORKING RANGE

HX300 L DIMENSIONS

6.245 m (20' 6") BOOM and 2.1 m (6' 11"), 2.5 m (8' 2"), 3.10 m (10' 2"), 3.75 m (12' 4") ARM



Unit : mm (ft. - in)

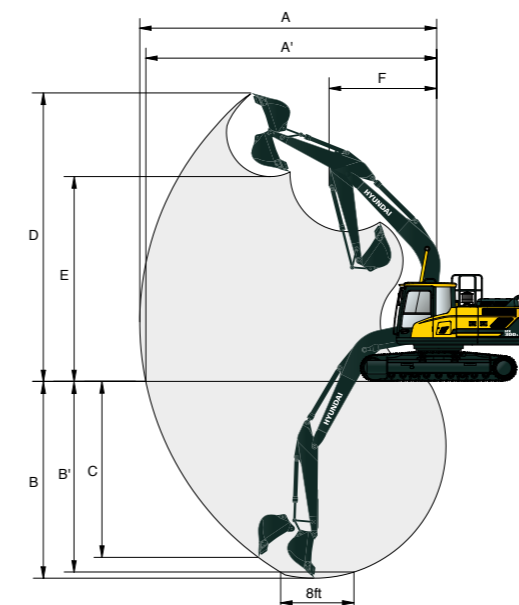
A Tumbler distance	4,040 (13' 3")
*B Overall length of crawler	4,946 (16' 3")
*C Ground clearance of counterweight	1,180 (3' 10")
D Tail swing radius	3,345 (11' 0")
D' Rear-end length	3,265 (10' 9")
E Overall width of upperstructure	2,980 (9' 9")
*F Overall height of cab	3,125 (10' 3")
*G Min. ground clearance	500 (1' 8")
H Track gauge	2,600 (8' 6")
*I Overall Height of Guardrail	3,330 (10' 11")

* This figure includes the size of grousers.

Boom length	6,245 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")
*K Overall Height of Boom	3,580 (11' 9")	3,485 (11' 5")	3,335 (10' 11")	3,535 (11' 7")
J Overall Length	10,710 (35' 2")	10,670 (35' 0")	10,560 (34' 8")	10,630 (34' 11")
Triple grouser				
L Track shoe width	600 (1' 12")			
M Overall gauge	3,200 (10' 6")			

HX300 L WORKING RANGE

Unit : mm (ft. - in)

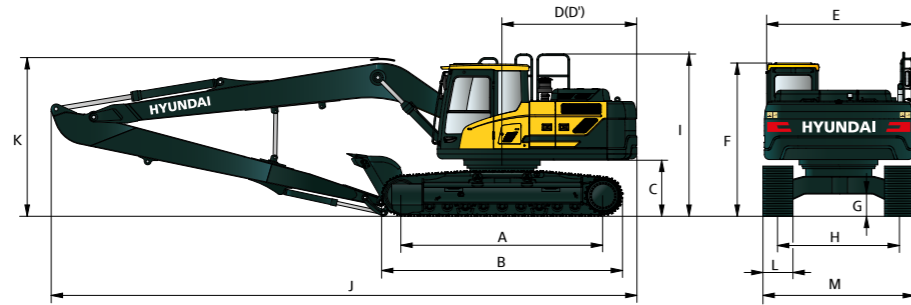


Boom length	6,245 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")
A Max. digging reach	9,945 (32' 8")	10,255 (33' 8")	10,815 (35' 6")	11,345 (37' 3")
A' Max. digging reach on ground	9,720 (31' 11")	10,035 (32' 11")	10,610 (34' 10")	11,145 (36' 7")
B Max. digging depth	6,225 (20' 5")	6,625 (21' 9")	7,225 (23' 8")	7,880 (25' 10")
B' Max. digging depth (8' level)	6,000 (19' 8")	6,410 (21' 0")	7,045 (23' 1")	7,705 (25' 3")
C Max. vertical digging depth	5,715 (18' 9")	6,135 (20' 2")	6,725 (22' 1")	7,305 (24' 0")
D Max. digging height	10,080 (33' 1")	10,100 (33' 2")	10,405 (34' 2")	10,485 (34' 5")
E Max. dumping height	6,975 (22' 11")	7,040 (23' 1")	7,335 (24' 1")	7,450 (24' 5")
F Min. swing radius	4,185 (13' 9")	3,780 (12' 5")	4,095 (13' 5")	4,150 (13' 7")

HX300 L DIMENSIONS & WORKING RANGE

HX300 L LONG LEACH DIMENSIONS

10.2 m (33' 6") BOOM and 7.85 m (25' 9") ARM



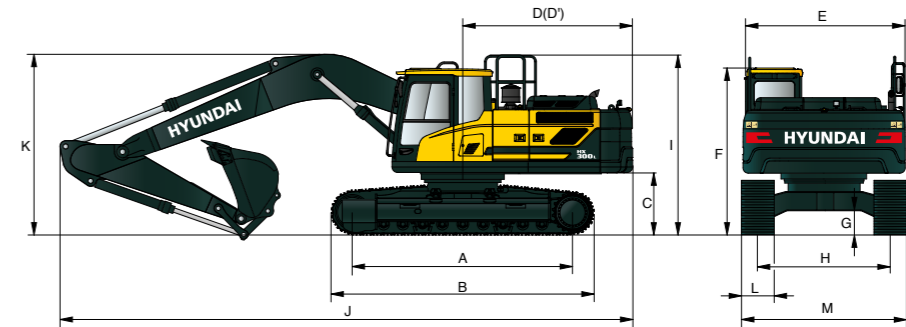
Unit : mm (ft. - in)

A Tumbler distance	4,040 (13' 3")	Boom length	10,200 (33' 6")
*B Overall length of crawler	4,946 (16' 3")	Arm length	7,850 (25' 9")
*C Ground clearance of counterweight	1,180 (3' 10")	J Overall length	14,745 (48' 5")
D Tail swing radius	3,265 (10' 9")	*K Overall height of boom	3,560 (11' 8")
D' Rear-end length	3,345 (11' 0")	L Track shoe width	800 (32")
E Overall width of upperstructure	2,980 (9' 9")	M Overall gauge	3,400 (11' 2")
*F Overall height of cab	3,125 (10' 3")		
*G Min. ground clearance	505 (1' 8")		
H Track gauge	2,600 (8' 6")		
*I Overall height of guardrail	3,330 (10' 11")		

* This figure includes the size of grousers.

HX300 L HIGH WALKER DIMENSIONS

6.245 m (20' 6") BOOM and 2.1 m (6' 11"), 2.5 m (8' 2"), 3.10 m (10' 2"), 3.75 m (12' 4") ARM



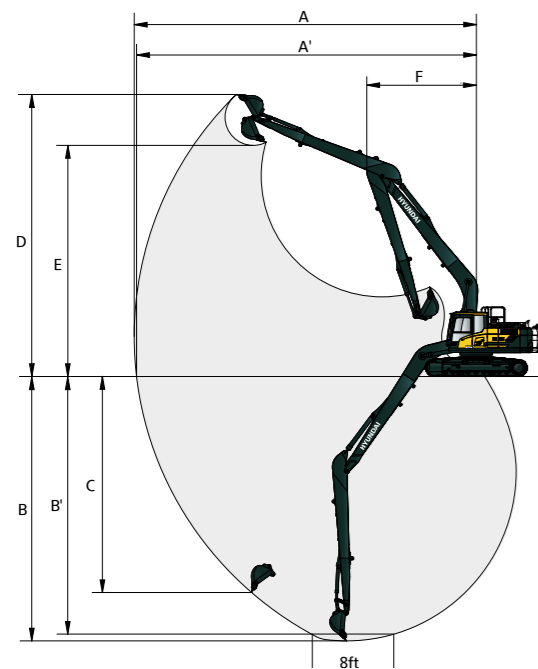
Unit : mm (ft. - in)

A Tumbler distance	4,030 (13' 3")	Boom length	6,245 (20' 6")			
*B Overall length of crawler	5,010 (16' 5")	Arm length	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")
*C Ground clearance of counterweight	1,490 (4' 11")	*K Overall Height of boom	3,715 (12' 2")	3,590 (11' 9")	3,385 (11' 1")	3,520 (11' 7")
D Tail swing radius	3,345 (11' 0")	J Overall Length	10,680 (35' 0")	10,595 (34' 9")	10,410 (34' 2")	10,510 (34' 6")
D' Rear-end length	3,265 (10' 9")					
E Overall width of upperstructure	2,980 (9' 9")					
*F Overall height of cab	3,435 (11' 3")					
*G Min. ground clearance	765 (2' 6")					
H Track gauge	2,870 (9' 5")					
*I Overall height of guardrail	3,650 (12' 0")					
			Triple grouser		Double grouser	
		L Trackshoe width	600 (24")	700 (28")		
		M Overall gauge	3,470 (11' 5")	3,570 (11' 9")		

* This figure includes the size of grousers.

HX300 L WORKING RANGE

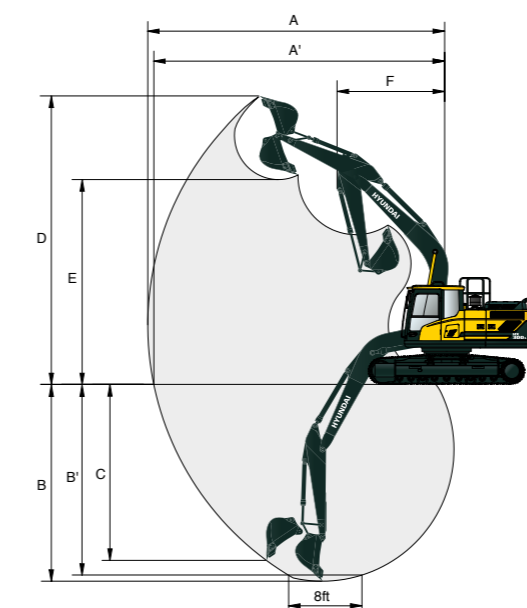
Unit : mm (ft. - in)



Boom length	10,200 (33' 6")
Arm length	7,850 (25' 9")
A Max. digging reach	18,530 (60' 10")
A' Max. digging reach on ground	18,410 (60' 5")
B Max. digging depth	14,740 (48' 4")
B' Max. digging depth (8' level)	14,660 (48' 1")
C Max. vertical digging depth	13,700 (44' 11")
D Max. digging height	14,590 (47' 10")
E Max. dumping height	12,270 (40' 3")
F Min. swing radius	6,270 (20' 7")

HX300 L HIGH WALKER WORKING RANGE

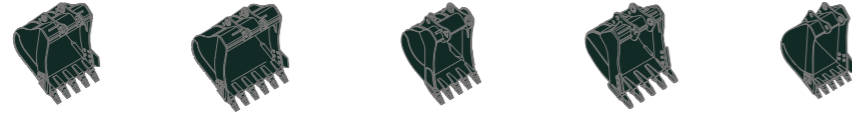
Unit : mm (ft. - in)



Boom length	6,245 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")
A Max. digging reach	9,945 (32' 8")	10,255 (33' 8")	10,815 (35' 6")	11,345 (37' 3")
A' Max. digging reach on ground	9,635 (31' 7")	9,955 (32' 8")	10,535 (34' 7")	11,075 (36' 4")
B Max. digging depth	5,880 (19' 3")	6,285 (20' 7")	6,885 (22' 7")	7,535 (24' 9")
B' Max. digging depth (8' level)	5,660 (18' 7")	6,070 (19' 11")	6,705 (22' 0")	7,360 (24' 2")
C Max. vertical digging depth	5,370 (17' 7")	5,795 (19' 0")	6,385 (20' 11")	6,965 (22' 10")
D Max. digging height	10,420 (34' 2")	10,440 (34' 3")	10,745 (35' 3")	10,825 (35' 6")
E Max. dumping height	7,315 (24' 0")	7,380 (24' 3")	7,675 (25' 2")	7,790 (25' 7")
F Min. swing radius	4,185 (13' 9")	3,780 (12' 5")	4,095 (13' 5")	4,150 (13' 7")

HX300 L BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS



SAE heaped \odot 1.27 (1.66) \odot 1.85 (2.42) \blacklozenge 1.23 (1.81) \blacklozenge 1.45 (1.90) \star 0.52 (0.68)
 m³ (yd³) \blacklozenge 1.47 (1.92) \blacklozenge 1.57 (2.05)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm(ft-in)					
SAE heaped	CECE heaped	Without Side Cutters	With Side Cutters			6,245 (20' 6") Boom					10,200 (3' 4") Boom
						2,100 (6' 11") Arm	2,500 (8' 2") Arm	2,850 (9' 4") Arm	3,100 (10' 2") Arm	3,750 (12' 4") Arm	7,850 (25' 9") Arm
\odot 1.27 (1.66)	1.10 (1.44)	1,280 (50.4")	1,440 (56.7")	1,090 (2,400)	5	●	●	●	●	●	x
\odot 1.85 (2.42)	1.61 (2.11)	1,590 (62.6")	1,785 (70.3")	1,325 (2,920)	6	■	■	▲	▲	▲	x
\blacklozenge 1.23 (1.81)	1.10 (1.44)	1,205 (47.4")	1,260 (49.6")	1,085 (2,390)	5	●	●	●	●	●	x
\blacklozenge 1.47 (1.92)	1.32 (1.73)	1,405 (55.3")	1,460 (57.5")	1,185 (2,610)	5	●	●	●	●	■	x
\blacklozenge 1.45 (1.90)	1.29 (1.69)	1,380 (54.3")	1,440 (56.7")	1,505 (3,320)	5	●	●	●	■	x	x
\blacklozenge 1.57 (2.05)	1.40 (1.83)	1,480 (58.3")	1,540 (60.6")	1,565 (3,450)	5	●	●	■	■	x	x
\star 0.52 (0.68)	0.45 (0.59)	870 (34.3")	1,020 (40.2")	455 (1,000)	5	x	x	x	x	x	●

\odot General Purpose
 \blacklozenge Heavy duty bucket
 \blacklozenge Rock-Heavy duty bucket
 \star Long reach bucket

● : 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
 - : Not Recommended

ATTACHMENT

Booms and arms are of all-welded, low-stress, full-box section design.
 6,245 mm (20' 6"), 10,200 mm (33' 6"), boom and 2,100 mm (6' 11"), 2,500 mm (8' 2"), 3,100 mm (10' 2"), 3,750 mm (12' 4"), 7,850 mm (25' 9"), arms are available, Hyundai Bucket are all-welded, high-strength steel implements.

DIGGING FORCE

Boom	Length mm (ft-in)	6,245 (20' 6")					10,200 (33' 6")	Remarks
		2,780 (6,130)					3,530 (7,780)	
Arm	Length mm (ft-in)	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")	7,850 (25' 9")	Power Boost	
		Weight kg (lb)	1,305 (2,880)	1,490 (3,280)	1,550 (3,420)	1,725 (3,800)		1,685 (3,710)
Bucket digging force	SAE	kN	163.5 [177.5]	163.5 [177.5]	163.5 [177.5]	163.6 [177.6]	166.7 [181.0]	[] : Power Boost
		kgf	16,670 [18,100]	16,670 [18,100]	16,670 [18,100]	16,680 [18,110]	17,000 [18,460]	
		lbf	36,750 [39,900]	36,750 [39,900]	36,750 [39,900]	36,770 [39,930]	37,480 [40,700]	
	ISO	kN	189.9 [206.1]	189.9 [206.1]	189.9 [206.1]	190.0 [206.2]	192.2 [208.7]	
		kgf	19,360 [21,020]	19,360 [21,020]	19,360 [21,020]	19,370 [21,030]	19,600 [21,280]	
		lbf	42,680 [46,340]	42,680 [46,340]	42,680 [46,340]	42,700 [46,360]	43,210 [46,910]	
Arm crowd force	SAE	kN	176.0 [191.1]	151.0 [164.0]	125.0 [135.7]	111.5 [121.0]	114.7 [124.5]	
		kgf	17,950 [19,490]	15,400 [16,720]	12,750 [13,840]	11,370 [12,340]	11,700 [12,700]	
		lbf	39,570 [42,970]	33,950 [36,860]	28,110 [30,510]	25,070 [27,210]	25,790 [28,000]	
	ISO	kN	185.9 [201.9]	158.5 [172.1]	130.3 [141.5]	115.6 [125.5]	119.6 [129.9]	
		kgf	18,960 [20,590]	16,160 [17,550]	13,290 [14,430]	11,790 [12,800]	12,200 [13,250]	
		lbf	41,800 [45,390]	35,630 [38,690]	29,300 [31,810]	25,990 [28,220]	26,900 [29,210]	

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

HX300 L LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX300 L MONO BOOM

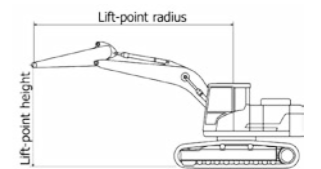
6.245 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

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)		Capacity		Reach m (ft)
7.5 m	kg					*7,600	*7,600			*7,720	*7,720	6.27
24.6 ft	lb					*16,760	*16,760			*17,020	*17,020	(20.6)
6.0 m	kg					*7,840	*7,840			*7,680	5,960	7.33
19.7 ft	lb					*17,280	*17,280			*16,930	13,140	(24.0)
4.5 m	kg					*8,890	7,900	*7,890	5,640	*7,810	5,120	7.96
14.8 ft	lb					*19,600	17,420	*17,390	12,430	*17,220	11,290	(26.1)
3.0 m	kg					*10,230	7,500	*8,480	5,470	7,370	4,720	8.28
9.8 ft	lb					*22,550	16,530	*18,700	12,060	16,250	10,410	(27.2)
1.5 m	kg					*11,340	7,200	8,400	5,300	7,230	4,600	8.31
4.9 ft	lb					*25,000	15,870	18,520	11,680	15,940	10,140	(27.3)
0.0 m	kg					11,570	7,040	8,300	5,210	7,500	4,740	8.06
0.0 ft	lb					25,510	15,520	18,300	11,490	16,530	10,450	(26.4)
-1.5 m	kg					*15,680	10,690	11,550	7,020	8,340	5,240	7.49
-4.9 ft	lb					*34,570	23,570	25,460	15,480	18,390	11,550	(24.6)
-3.0 m	kg	*18,840	*18,840	*14,240	10,880	*10,750	7,160			*9,550	6,410	6.54
-9.8 ft	lb	*41,540	*41,540	*31,390	23,990	*23,700	15,790			*21,050	14,130	(21.4)
-4.5 m	kg					*10,850	*10,850			*9,590	*9,590	4.96
-14.8 ft	lb					*23,920	*23,920			*21,140	*21,140	(16.3)

6.245 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

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)		Capacity		Reach m (ft)
7.5 m	kg					*6,850	*6,850			*7,060	7,020	6.68
24.6 ft	lb					*15,100	*15,100			*15,560	15,480	(21.9)
6.0 m	kg					*7,240	*7,240	*7,060	5,740	*7,090	5,510	7.68
19.7 ft	lb					*15,960	*15,960	*15,560	12,650	*15,630	12,150	(25.2)
4.5 m	kg					*10,470	*10,470	*8,320	7,910	*7,410	5,610	8.29
14.8 ft	lb					*23,080	*23,080	*18,340	17,440	*16,340	12,370	(27.2)
3.0 m	kg					*13,530	11,230	*9,700	7,470	*8,070	5,410	8.59
9.8 ft	lb					*29,830	24,760	*21,380	16,470	*17,790	11,930	(28.2)
1.5 m	kg					*10,920	7,120	8,330	5,220	6,770	4,280	8.62
4.9 ft	lb					*24,070	15,700	18,360	11,510	14,930	9,440	(28.3)
0.0 m	kg					*16,100	10,440	11,450	6,910	8,190	5,100	8.38
0.0 ft	lb					*35,490	23,020	25,240	15,230	18,060	11,240	(27.5)
-1.5 m	kg	*10,830	*10,830	*15,790	10,460	11,390	6,860	8,170	5,080	7,680	4,800	7.84
-4.9 ft	lb	*23,880	*23,880	*34,810	23,060	25,110	15,120	18,010	11,200	16,930	10,580	(25.7)
-3.0 m	kg	*20,070	*20,070	*14,630	10,620	*11,020	6,960			*9,180	5,760	6.93
-9.8 ft	lb	*44,250	*44,250	*32,250	23,410	*24,290	15,340			*20,240	12,700	(22.7)
-4.5 m	kg	*16,260	*16,260	*11,980	11,000					*9,570	8,290	5.47
-14.8 ft	lb	*35,850	*35,850	*26,410	24,250					*21,100	18,280	(17.9)

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



HX300 L

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX300 L HW MONO BOOM

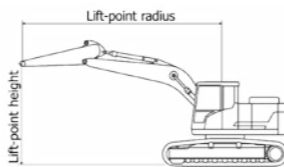
6.245 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

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)		Capacity		Reach (m (ft))
		Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Capacity	Capacity	
7.5m	kg					*7,540	*7,540			*7,690	*7,690	6.56
24.6ft	lb					*16,620	*16,620			*16,950	*16,950	(21.5)
6.0m	kg			*9,320	*9,320	*8,030	*8,030	*7,700	6,930	*7,700	6,920	7.50
19.7ft	lb			*20,550	*20,550	*17,700	*17,700	*16,980	15,280	*16,980	15,260	(24.6)
4.5m	kg					*9,190	*9,190	*8,010	6,810	*7,860	6,090	8.06
14.8ft	lb					*20,260	*20,260	*17,660	15,010	*17,330	13,430	(26.4)
3.0m	kg					*10,520	9,090	*8,620	6,630	7,650	5,710	8.31
9.8ft	lb					*23,190	20,040	*19,000	14,620	16,870	12,590	(27.3)
1.5m	kg					*11,520	8,810	8,760	6,470	7,600	5,660	8.28
4.9ft	lb					*25,400	19,420	19,310	14,260	16,760	12,480	(27.1)
0.0m	kg					*11,950	8,680	8,680	6,400	7,990	5,920	7.96
0.0ft	lb					*26,350	19,140	19,140	14,110	17,610	13,050	(26.1)
-1.5m	kg			*15,450	13,390	*11,680	8,700			9,050	6,670	7.31
-4.9ft	lb			*34,060	29,520	*25,750	19,180			19,950	14,700	(24.0)
-3.0m	kg	*18,160	*18,160	*13,730	13,630	*10,230	8,890			*9,620	8,430	6.25
-9.8ft	lb	*40,040	*40,040	*30,270	30,050	*22,550	19,600			*21,210	18,580	(20.5)

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

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)		Capacity		Reach (m (ft))
		Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Capacity	Capacity	
7.5m	kg					*6,860	*6,860			*7,050	*7,050	6.95
24.6ft	lb					*15,120	*15,120			*15,540	*15,540	(22.8)
6.0m	kg					*7,440	*7,440	*7,090	6,940	*7,120	6,430	7.85
19.7ft	lb					*16,400	*16,400	*15,630	15,300	*15,700	14,180	(25.7)
4.5m	kg			*11,160	*11,160	*8,630	*8,630	*7,550	6,780	*7,310	5,690	8.38
14.8ft	lb			*24,600	*24,600	*19,030	*19,030	*16,640	14,950	*16,120	12,540	(27.5)
3.0m	kg					*10,010	9,050	*8,230	6,570	7,170	5,340	8.62
9.8ft	lb					*22,070	19,950	*18,140	14,480	15,810	11,770	(28.3)
1.5m	kg			*13,010	*13,010	*11,140	8,720	8,680	6,390	7,110	5,280	8.59
4.9ft	lb			*28,680	*28,680	*24,560	19,220	19,140	14,090	15,670	11,640	(28.2)
0.0m	kg			*16,100	13,100	*11,720	8,550	8,560	6,280	7,440	5,500	8.28
0.0ft	lb			*35,490	28,880	*25,840	18,850	18,870	13,850	16,400	12,130	(27.2)
-1.5m	kg	*12,820	*12,820	*15,610	13,150	*11,660	8,530	8,580	6,290	8,320	6,120	7.67
-4.9ft	lb	*28,260	*28,260	*34,410	28,990	*25,710	18,810	18,920	13,870	18,340	13,490	(25.2)
-3.0m	kg	*19,430	*19,430	*14,210	13,360	*10,670	8,670			*9,290	7,540	6.66
-9.8ft	lb	*42,840	*42,840	*31,330	29,450	*23,520	19,110			*20,480	16,620	(21.8)
-4.5m	kg			*10,920	*10,920					*9,570	*9,570	5.01
-14.8ft	lb			*24,070	*24,070					*21,100	*21,100	(16.4)

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



Rating over-front Rating over-side or 360 degree

HX300 L HW MONO BOOM

6.245 m (20' 6") boom, 3.10 m (10' 2") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

Lift-point height (m/ft)		Lift-point radius										At max. reach									
		1.5 m (4.9 ft)		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 (29.5ft)		Capacity		Reach (m (ft))					
		Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Capacity	Capacity						
9.0m	kg														*5,480	*5,480	6.35				
29.5ft	lb														*12,080	*12,080	(20.8)				
7.5m	kg														*5,040	*5,040	7.64				
24.6ft	lb														*11,110	*11,110	(25.1)				
6.0m	kg									*6,670	*6,670	*6,420	*6,420		*4,900	*4,900	8.46				
19.7ft	lb									*14,700	*14,700	*14,150	*14,150		*10,800	*10,800	(27.8)				
4.5m	kg							*9,860	*9,860	*7,900	*7,900	*7,000	6,850		*4,950	*4,950	8.96				
14.8ft	lb							*21,740	*21,740	*17,420	*17,420	*15,430	15,100		*10,910	*10,910	(29.4)				
3.0m	kg							*12,910	*12,910	*9,380	9,170	*7,780	6,610	*6,540	5,020	*5,180	4,870	9.18			
9.8ft	lb							*28,460	*28,460	*20,680	20,220	*17,150	14,570	*14,420	11,070	*11,420	10,740	(30.1)			
1.5m	kg							*15,090	13,360	*10,680	8,780	*8,530	6,400	6,630	4,920	*5,600	4,810	9.15			
4.9ft	lb							*33,270	29,450	*23,550	19,360	*18,810	14,110	14,620	10,850	*12,350	10,600	(30.0)			
0.0m	kg									*6,210	*6,210	*15,970	13,080	*11,500	8,550	8,540	6,250		*6,320	4,970	8.87
0.0ft	lb									*13,690	*13,690	*35,210	28,840	*25,350	18,850	18,830	13,780		*13,930	10,960	(29.1)
-1.5m	kg	*8,220	*8,220	*11,710	*11,710	*15,900	13,050	*11,710	8,470	8,490	6,210				7,370	5,430					8.30
-4.9ft	lb	*18,120	*18,120	*25,820	*25,820	*35,050	28,770	*25,820	18,670	18,720	13,690				16,250	11,970					(27.2)
-3.0m	kg	*13,460	*13,460	*18,580	*18,580	*14,930	13,190	*11,160	8,540						*8,620	6,450					7.38
-9.8ft	lb	*29,670	*29,670	*40,960	*40,960	*32,910	29,080	*24,600	18,830						*19,000	14,220					(24.2)
-4.5m	kg					*17,550	*17,550	*12,590	*12,590						*9,120	8,960					5.94
-14.8ft	lb					*38,690	*38,690	*27,760	*27,760						*20,110	19,750					(19.5)

6.245 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 600 mm (24") triple grouser shoe. (without a bucket)

Lift-point height (m/ft)		Lift-point radius										At max. reach									
		1.5 m (4.9 ft)		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 (29.5ft)		Capacity		Reach (m (ft))					
		Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Capacity	Capacity						
9.0m	kg														*4,450	*4,450	7.10				
29.5ft	lb														*9,810	*9,810	(23.3)				
7.5m	kg														*4,170	*4,170	8.27				
24.6ft	lb														*9,190	*9,190	(27.1)				
6.0m	kg									*5,420	*5,420	*4,240	*4,240	*4,090	*4,090						9.03
19.7ft	lb									*11,950	*11,950	*9,350	*9,350	*9,020	*9,020						(29.6)
4.5m	kg									*7,010	*7,010	*6,340	*6,340	*5,970	5,150	*4,150	*4,150				9.50
14.8ft	lb									*15,450	*15,450	*13,980	*13,980	*13,160	11,350	*9,150	*9,150				(31.2)
3.0m	kg							*11,450	*11,450	*8,550	*8,550	*7,190	6,630	*6,480	5,010	*4,350	*4,350				9.71
9.8ft	lb							*25,240	*25,240	*18,850	*18,850	*15,850	14,620	*14,290	11,050	*9,590	*9,590				(31.9)
1.5m	kg							*14,040	13,460	*10,000	8,800	*8,040	6,380	6,590	4,880	*4,700	4,370				9.68
4.9ft	lb							*30,950	29,670	*22,050	19,400	*17,730	14,070	14,530	10,760	*10,360	9,630				(31.8)
0.0m	kg							*7,330	*7,330	*15,460	13,000	*11,050	8,480	8,480	6,180	6,480	4,780				9.41
0.0ft	lb							*16,160	*16,160	*34,080	28,660	*24,360	18,700	18,700	13,620	14,290	10,540				(30.9)
-1.5m	kg	*7,640	*7,640	*11,160	*11,160	*15,840	12,860	*11,540	8,340	8,370	6,090				*6,270	4,840					8.88
-4.9ft	lb	*16,840	*16,840	*24,600	*24,600	*34,920	28,350	*25,440	18,390	18,450	13,430				*13,820	10,670					(29.1)
-3.0m	kg	*11,650	*11,650	*16,240	*16,240	*15,340	12,920	*11,360	8,340	8,400	6,110				7,630	5,590					8.03
-9.8ft	lb	*25,680	*25,680	*35,800	*35,800	*33,820	28,480	*25,040	18,390	18,520	13,470				16,820	12,320					(26.3)
-4.5m	kg	*16,730	*16,730	*19,660	*19,660	*13,720	13,180	*10,140	8,530						*8,670	7,270					6.74

HX300 L STANDARD / OPTION

ENGINE	STD	OPT
Hyundai HE6.7 Engine (Manufactured by Cummins)	●	
HYDRAULIC SYSTEM		
INTELLIGENT POWER CONTROL (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Pump flow control	●	
Attachment mode flow control		●
Engine auto idle	●	
Engine auto shutdown control	●	
CAB & INTERIOR		
ISO STANDARD CABIN		
Rise-up type windshield wiper	●	
Radio / USB player	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Safety glass - Tempered glass	●	
Safety glass - Tempered glass with front laminated glass		●
Sliding fold-in front window	●	
Sliding side window(LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Sun visor	●	
Door and cab locks, one key	●	
Cabin lights		●
Cabin front window rain guard		●
Transparent cabin roof-cover	●	
Cabin roof-steel cover		●
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
CENTRALIZED MONITORING		
8" LCD display - Normal type	●	
8" LCD display - Premium type		●
Engine speed or Trip meter / Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Overload warning with alarm		●
Air cleaner clogging	●	
Indicators	●	
ECO gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer		●
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
SEAT		
Mechanical suspension without heater		●
Mechanical suspension with heater	●	
Adjustable air suspension without heater		●
Adjustable air suspension with heater		●
CABIN FOPS (ISO 10262) LEVEL 2		
FOPS (Falling Object Protective Structure) · ISO 10262 Level 2	Front & Top guard	●
	Top guard	●
CABIN ROPS		
ROPS (Roll Over Protective Structures) · ISO 12117-2		●

* 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.

HX300 L MEMO

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (Advanced Around View Monitoring)		●
Front working lights	●	
Travel alarm	●	
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device		●
Safety lock valve for arm cylinder		●
Swing lock system		●
Outside rearview mirror	●	
ATTACHMENT		
BOOMS		
6.245 m, 20' 6"	●	
10.2 m, 33' 6" Long reach	●	
ARMS		
2.1 m, 6' 11"	●	
2.5 m, 8' 2"	●	
3.10 m, 10' 2"	●	
3.75 m, 12' 4"	●	
7.85 m, 25' 9" Long reach	●	
Handsfree mobile phone system with USB	●	
OTHERS		
Electric horn	●	
Pilot-operated slidable joystick	●	
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer	●	
Fuel warmer- Dual		●
Self-diagnostics system	●	
Hi MATE (Remote Management System)		●
Batteries (2 x 12V x 160 AH)	●	
Fuel filler pump (50 L/min)		●
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)		●
Rotating piping kit		●
Quick coupler piping		●
Quick coupler		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
General type guardrail	●	
Tool kit		●
Rain cap	●	
Pre cleaner		●
COUNTERWEIGHT		
3.8 ton CWT	●	
5.3 ton CWT (LR)		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
TRACK SHOES		
Triple grousers shoes (600 mm, 1' 12")	●	
Triple grousers shoe (700 mm, 2' 4")	●	
Triple grousers shoe (800 mm, 2' 7")	●	
Double grousers shoe (700 mm, 2' 4")	●	
Track rail guard	●	
Full track rail guard		●

