

MOVING YOU FURTHER

# HX300L

With Tier 4 final / Stage IV Engine installed



\*Photo may include optional equipment.

**Net Power**

SAE J1349 / 171 kW (230 HP) at 1,950 rpm

**Gross Power**

SAE J1995 / 180 kW (242 HP) at 1,950 rpm

**Travel Speed**

5.9 km/hr (3.67 mph) / 3.3 km/hr (2.05 mph)

**Operating Weight**

30,200 kg / 66,580 lb



## RULE THE GROUND

The HX Series excavators are products of HHI's spirit of initiative, creativity and strong drive. HHI's 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. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.



\*Photo may include optional equipment.

# RULE THE GROUND

The HX series exceeds customers' expectation!  
Become a true leader on the ground with HHI's HX series.

# HX300L



## WORK MAX, WORTH MAX

- ECO Gauge
- IPC (Intelligent Power Control)
- New Variable Power Control
- Electronic Viscous Fan Clutch
- Attachment Flow Control (Option)
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- One Pedal Travel Straight (Option)
- Cycle Time Improvement
- Boom Floating Control (Option)



## 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

- Intelligent and Wide Cluster
- Haptic Control
- Wi-Fi Direct with Smart Phone (Miracast)
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System



## MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi MATE (Remote Management System)
- Cab Suspension Mount
- Swing Lock System (Option)



\*Photo may include optional equipment.

# WORK MAX, WORTH MAX



\*Photo may include optional equipment.

## Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 11% faster and levels up to 10% faster than the 9 Series.

## Boom Floating Control (Option)

In order to achieve efficient leveling work by arm-in and arm-out operation with the boom fixed, the HX Series applies boom floating control, allowing stable operation even in high-load work.

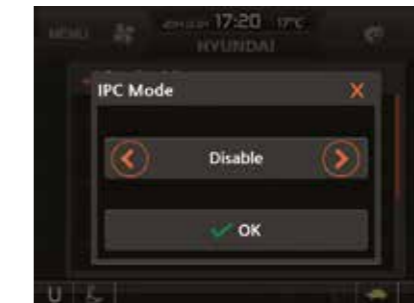
## Fuel Efficient System, Allows Great Performance

The 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.



### ECO Gauge

ECO Gauge enable 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 are displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



### IPC (Intelligent Power Control)

The IPC controls power control depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.

### New Variable Power Control

The 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.

### Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature of the working vehicle, and minimizes fuel consumption. It is also possible to shorten the warm up time of hydraulic oil.



### Attachment Flow Control (Option)

The 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.



### 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.

### One Pedal Travel Straight (Option)

One Pedal Travel Straight (Option) is available for customers' convenience when long distance traveling or combination of attachment work with traveling is necessary.

### New Cooling System with Increased Air Flow

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

# MORE RELIABLE, MORE SUSTAINABLE

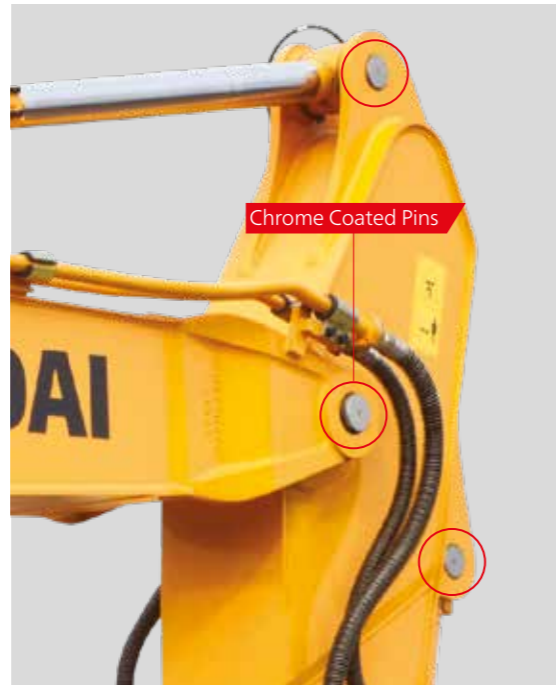
## New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust upper and lower frame structure that can endure external shock and high-load work and the attachments whose performance was proven by rigorous tests further show the real value of the HX Series in tough working environments and promise higher productivity.



### Durable Cooling Module

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



### Reinforced Pin, Bush and Polymer Shim

The 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.



### Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the 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.

### 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. Reduction of vibration of the buckets enables more stable operation even in high-load work.



### Hi-grade (High-pressure) Hoses

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



Cabin space for drivers increased by **13%**  
(Compared to 9 Series)

310 mm (9 Series)  
340 mm (HX Series)

\*Photo may include optional equipment.

**New Air Conditioning System**

With further improved air conditioning and heating, the HX Series increases the APTC capacity by 15% to provide a pleasant environment for operators all the time. The ventilation was designed such that warm and cool air even reach operators' faces (increasing their work satisfaction) or allowing pleasant working environment.

# INFOTAINMENT FRONTIER

**Enhanced Instrument Panel for Easier Monitoring**

Many electronic functions are concentrated on the most convenient spot for operators to ensure work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology, enables both productivity and pleasant work at the same time! The HX Series of HHI provides higher value and pleasure to customers.



**Intelligent and Wide Cluster**

The 8-inch capacitive-type display (like smartphone display) of the HX Series is 30% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner and heater interoperation, and inclination sensor also maximize operator's convenience.



**Haptic Control**

The integrated jog shuttle-type haptic controller applies to the accelerator, remote air conditioner controller and operation of the cluster, allowing convenient operation. In the event of failure of the haptic switch, the emergency mode is activated on the cluster to ensure fail-safe function.

**Wi-Fi Direct with Smart Phone (Miracast)**

The Miracast system based on Wi-Fi of the operator's smart phone enables easy and convenient use of various features of the smart phone on the big screen including navigation, web surfing, viewing of videos, and listening to music. (For Android mobile phone now)



**New Audio System**

Radio player, USB-based MP3 player, integrated Bluetooth hands-free feature, and built-in microphone allow convenient phone calls while in work and in transit. The radio player was moved to the right side from the rear, allowing easier access.

**Proportional Auxiliary Hydraulic System**

- Opt: Proportional control switch for better speed control
- Enlarge the operation convenience

# 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, the HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



### AAVM (Advanced Around View Monitoring) Camera System (Option)

The 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, 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).



### Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed inside the tool box and its inlet is remotely located for easy access and convenient supply. Warning of overfill is given by a red lamp signal. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



### Hi MATE (Remote Management System)

Hi MATE, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi MATE saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

\* Operation of the system may be affected by the condition of telecommunication signal



\*Photo may include optional equipment.

### Cab Suspension Mount

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

### Swing Lock System (Option)

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

# SPECIFICATIONS

ENGINE			
Maker / Model	Cummins QSB6.7		
Type	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	180 kW (242 HP) at 1,950 rpm
		J1349 (net)	171 kW (230 HP) at 1,950 rpm
	DIN	6271/1 (gross)	180 kW (245 PS) at 1,950 rpm
		6271/1 (net)	171 kW (233 PS) at 1,950 rpm
Max. torque	100.9 kgf-m (729.8 lbf-ft) at 1,500 rpm		
Bore x stroke	107 x 124 mm (4.21" x 4.88")		
Piston displacement	6,700 cc (409 cu in)		
Batteries	2 x 12 V x 160 Ah		
Starting motor	Denso 24 V - 4.8 kW		
Alternator	Denso 24 V - 95 A		

HYDRAULIC SYSTEM	
<b>MAIN PUMP</b>	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 273 l/min (72.1 U.S. gpm / 60.1 U.K. gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

HYDRAULIC MOTORS	
Travel	Variable displacement axial piston motor
Swing	Axial piston motor

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm <sup>2</sup> (4,980 psi)
Travel	350 kgf/cm <sup>2</sup> (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing circuit	300 kgf/cm <sup>2</sup> (4,270 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 140 x 1,465 mm
	Arm: Ø 150 x 1,765 mm
	Bucket: Ø 135 x 1,185 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	26,500 kgf (58,400 lbf)
Max. travel speed (high / low)	5.9 km/hr (3.67 mph) / 3.3 km/hr (2.05 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	Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

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	10.2 rpm

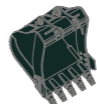
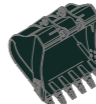
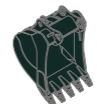
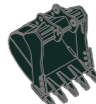

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	500	132.1	110.0
Engine coolant	40	10.6	8.8
Engine oil	23	6.1	5.1
Swing device	11	2.9	2.4
Final drive (each)	7.8	2.06	1.72
Hydraulic system (including tank)	330	87	72.6
Hydraulic tank	190	50	41.8
DEF/AdBlue®	42.5	11.2	9.3

UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 6,250 mm (20' 6") boom; 3,050 mm (10' 0") arm; SAE heaped 1.27 m <sup>3</sup> (1.66 yd <sup>3</sup> ) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT					
Shoes		Operating weight	Ground pressure		
Type	Width mm (in)	kg (lb)	kgf/cm <sup>2</sup> (psi)		
Triple grouser	600 (24")	HX300 L	30,200 (66,580) 0.58 (8.25)		
		HX300 L 2-piece boom	33,210 (73,216) 0.64 (9.10)		
		HX300 NL	30,000 (66,140) 0.58 (8.25)		
		HX300 NL 2-piece boom	30,010 (72,775) 0.64 (9.10)		
		HX300 HW	33,040 (72,840) 0.64 (9.10)		
Triple grouser	700 (28")	HX300 L	30,770 (67,840) 0.51 (7.25)		
		HX300 L 2-piece boom	33,780 (74,472) 0.56 (0.76)		
		HX300 HW	33,610 (74,100) 0.56 (7.95)		
		HX300 L	31,150 (68,670) 0.45 (6.40)		
		HX300 L 2-piece boom	34,160 (75,310) 0.49 (0.97)		
Triple grouser	800 (32")	HX300 HW	33,990 (74,940) 0.49 (6.97)		
		HX300 L	31,530 (69,510) 0.41 (5.83)		
		HX300 L 2-piece boom	34,540 (76,148) 0.44 (6.26)		
		Double grouser	710 (28")	HX300 L	31,680 (69,840) 0.52 (7.39)
				HX300 HW	34,520 (76,100) 0.56 (7.96)

# BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS												
												
SAE heaped m <sup>3</sup> (yd <sup>3</sup> )		1.27 (1.66)	1.73 (2.26)	◆ 1.27 (1.66)	◆ 1.33 (1.74)	★ 0.52 (0.68)						
		1.50 (1.96)	1.85 (2.42)	◆ 1.46 (1.91)	◆ 1.50 (1.96)							
Capacity m <sup>3</sup> (yd <sup>3</sup> )	Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)									
			6,250 (20' 6") Boom			6,250 (20' 6") 2-Piece Boom			10,200 (33' 6") Boom			
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,050 (10' 0") Arm	3,750 (12' 4") Arm	2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,050 (10' 0") Arm	7,850 (25' 9") Arm
1.27 (1.66)	1.11 (1.45)	1,325 (52.2)	1,410 (55.5)	1,100 (2,430)	●	●	●	○	●	●	●	-
1.50 (1.96)	1.30 (1.70)	1,515 (59.6)	1,600 (63.0)	1,180 (2,600)	●	●	○	○	●	●	●	-
1.73 (2.26)	1.51 (1.98)	1,605 (63.2)	1,690 (66.5)	1,280 (2,820)	○	○	○	○	●	●	○	-
1.85 (2.42)	1.61 (2.11)	1,700 (66.9)	1,780 (70.1)	1,330 (2,930)	○	○	○	○	●	○	○	-
◆ 1.27 (1.66)	1.11 (1.45)	1,380 (54.3)	-	1,290 (2,840)	●	●	○	○	●	●	●	-
◆ 1.46 (1.91)	1.28 (1.67)	1,535 (60.4)	-	1,380 (3,040)	○	○	○	○	●	●	●	-
◆ 1.33 (1.74)	1.16 (1.52)	1,420 (55.9)	-	1,470 (3,240)	○	○	○	○	●	●	●	-
◆ 1.50 (1.96)	1.30 (1.70)	1,550 (61.0)	-	1,550 (3,420)	○	○	●	○	●	●	○	-
★ 0.52 (0.68)	0.45 (0.59)	945 (37.2)	1,020 (40.2)	460 (1,010)	-	-	-	-	-	-	-	○

◆ Heavy duty bucket  
 ◆ Rock-Heavy duty bucket  
 ★ Long reach bucket

● : Applicable for materials with density of 2,000 kg/m<sup>3</sup> (3,370 lb/yd<sup>3</sup>) or less  
 ○ : Applicable for materials with density of 1,600 kg/m<sup>3</sup> (2,700 lb/yd<sup>3</sup>) or less  
 ○ : Applicable for materials with density of 1,100 kg/m<sup>3</sup> (1,850 lb/yd<sup>3</sup>) or less

ATTACHMENT	
Booms and arms are welded with a low-stress, full-box section design. 6.25 m (20' 6"); 10.2 m (33' 6") Booms and 6.25 m (20' 6") 2-Piece Boom and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0"); 3.75 m (12' 4") & 7.85 m (25' 9") Arms are available.	

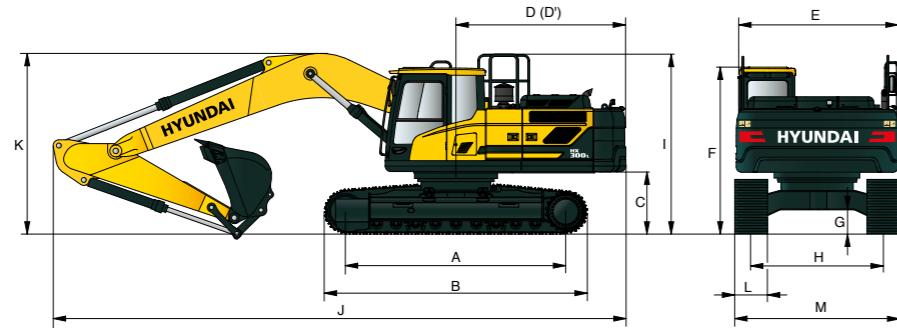
DIGGING FORCE								
Boom	Length	mm (ft.in)	6,250 (20' 6")				10,200 (33' 6")	Remarks:
			2,670 (5,900)				3,420 (7,540)	
Arm	Length	mm (ft.in)	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	
			Weight					
Bucket digging force	SAE	kN	168.7 [183.1]	168.7 [183.1]	168.7 [183.1]	168.7 [183.1]	70	[ ]: Power Boost
		kgf	17200 [18670]	17200 [18670]	17200 [18670]	17200 [18670]	7100	
		lbf	37920 [41170]	37920 [41170]	37920 [41170]	37920 [41170]	15650	
	ISO	kN	192.2 [208.7]	192.2 [208.7]	192.2 [208.7]	192.2 [208.7]	80	
		kgf	19600 [21280]	19600 [21280]	19600 [21280]	19600 [21280]	8200	
		lbf	43210 [46910]	43210 [46910]	43210 [46910]	43210 [46910]	18080	
Arm crowd force	SAE	kN	180.4 [195.9]	156.9 [170.4]	131.4 [142.7]	114.7 [124.6]	47.1	
		kgf	18400 [19980]	16000 [17370]	13400 [14550]	11700 [12700]	4800	
		lbf	40570 [44050]	35270 [38290]	29540 [32070]	25790 [28000]	10580	
	ISO	kN	190.3 [206.6]	163.8 [177.8]	136.3 [148.0]	119.6 [129.9]	48.1	
		kgf	19400 [21060]	16700 [18130]	13900 [15090]	12200 [13250]	4900	
		lbf	42770 [46440]	36820 [39980]	30640 [33270]	26900 [29210]	10800	

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

# DIMENSIONS & WORKING RANGE

## HX300 L / HX300 NL DIMENSIONS

6.25 m (20' 6") BOOM and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") ARM



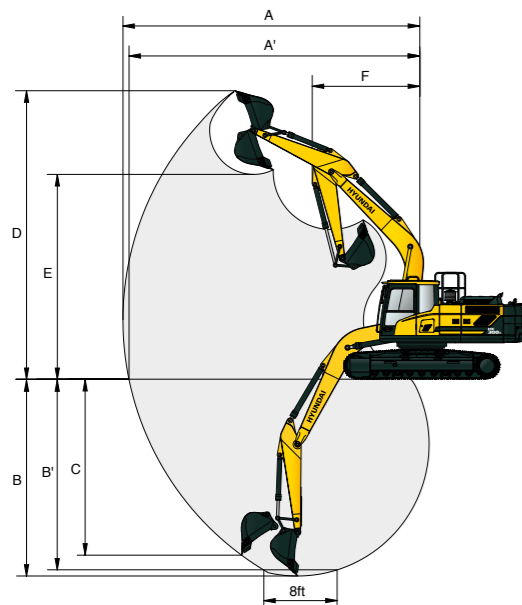
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,880 (16' 0")
C	Ground clearance of counterweight	1,185 (3' 9")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,130 (10' 3")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	HX300 L 2,600 (8' 6") HX300 NL 2,390 (7' 10")
I	Overall height of guardrail	3,335 (10' 9")

Boom length	6,250 (20' 6")						
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")			
J	Overall length	10,700 (35' 1")	10,650 (34' 11")	10,560 (34' 8")	10,630 (34' 11")		
K	Overall height of boom	3,590 (11' 9")	3,470 (11' 5")	3,290 (10' 10")	3,500 (11' 6")		
L	Track shoe	Type	Triple grouser		Double grouser		
		width	600 (24")	700 (28")	800 (32")	900 (36")	700 (28")
M	Overall width	HX300 L	3,200 (10' 6")	3,300 (10' 10")	3,400 (11' 1")	3,500 (11' 5")	3,300 (10' 10")
		HX300 NL	2,990 (9' 10")				

## HX300 L / HX300 NL WORKING RANGE

Unit : mm (ft-in)

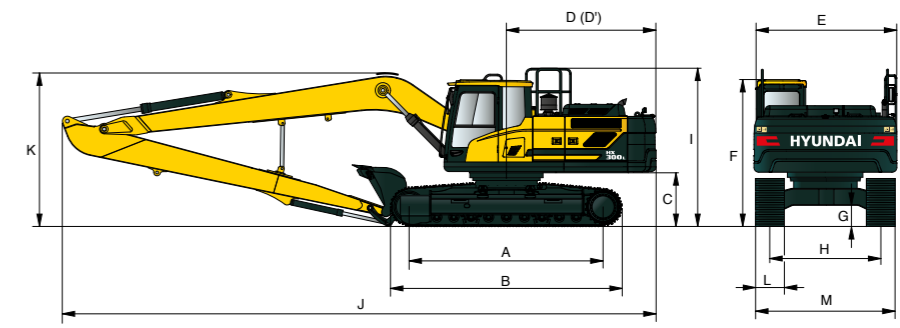


Boom length	6,250 (20' 6")				
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
A	Max. digging reach	10,020 (32' 10")	10,280 (33' 9")	10,820 (35' 6")	11,400 (37' 5")
A'	Max. digging reach on ground	9,820 (32' 3")	10,080 (33' 1")	10,620 (34' 10")	11,220 (36' 10")
B	Max. digging depth	6,440 (21' 2")	6,840 (22' 5")	7,390 (24' 3")	8,090 (26' 7")
B'	Max. digging depth (8' level)	6,240 (20' 6")	6,630 (21' 9")	7,200 (23' 7")	7,920 (26' 0")
C	Max. vertical wall digging depth	6,000 (19' 8")	5,850 (19' 2")	6,380 (20' 11")	7,080 (23' 3")
D	Max. digging height	10,040 (32' 11")	10,000 (32' 10")	10,160 (33' 4")	10,360 (34' 0")
E	Max. dumping height	6,940 (22' 9")	7,030 (23' 1")	7,110 (23' 4")	7,310 (24' 0")
F	Min. front swing radius	4,400 (14' 5")	4,300 (14' 1")	4,250 (13' 11")	4,200 (13' 9")

# DIMENSIONS & WORKING RANGE

## HX300 L LONG REACH

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



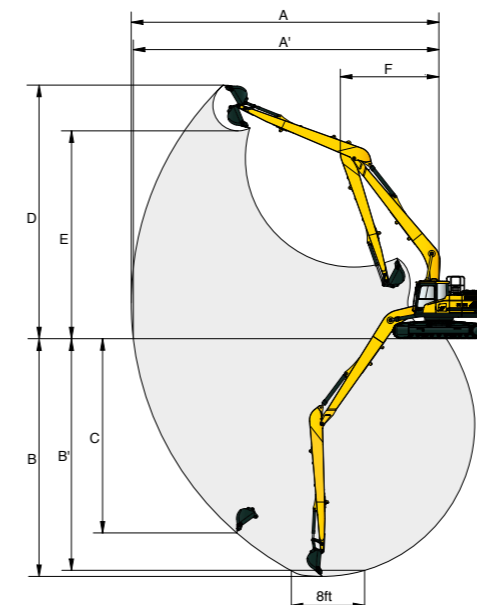
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,880 (16' 0")
C	Ground clearance of counterweight	1,185 (3' 9")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,130 (10' 3")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	2,600 (8' 6")
I	Overall height of guardrail	3,335 (10' 9")

Boom length	10,200 (33' 6")	
Arm length	7,850 (25' 9")	
J	Overall length	14,560 (47' 9")
K	Overall height of boom	3,560 (11' 8")
L	Track shoe width	800 (31' 5")
M	Overall width	3,400 (11' 2")

## HX300 L LONG REACH WORKING RANGE

Unit : mm (ft-in)

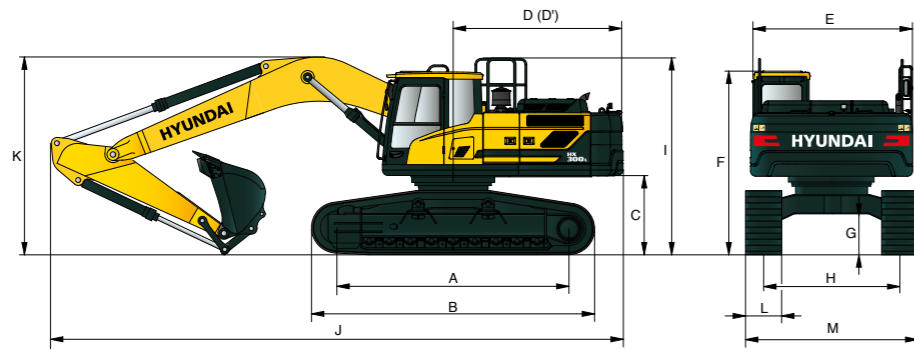


Boom length	10,200 (33' 6")	
Arm length	7,850 (25' 9")	
A	Max. digging reach	18,510 (60' 9")
A'	Max. digging reach on ground	18,400 (60' 4")
B	Max. digging depth	14,820 (48' 7")
B'	Max. digging depth (8' level)	14,690 (48' 2")
C	Max. vertical wall digging depth	12,020 (39' 5")
D	Max. digging height	14,500 (47' 7")
E	Max. dumping height	12,190 (40' 0")
F	Min. front swing radius	6,250 (20' 6")

# DIMENSIONS & WORKING RANGE

## HX300 L HIGH WALKER DIMENSIONS

6.25 m (20' 6") BOOM and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") ARM

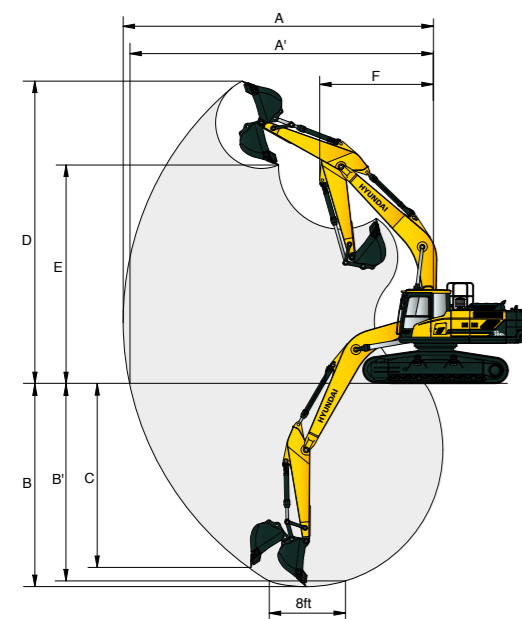


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,880 (16' 0")
C	Ground clearance of counterweight	1,490 (4' 9")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,430 (11' 9")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,640 (11' 9")

Boom length	6,250 (20' 6")				
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
J Overall length	10,690 (35' 1")	10,610 (34' 10")	10,430 (34' 3")	10,530 (34' 7")	
K Overall height of boom	3,740 (12' 3")	3,590 (11' 9")	3,350 (11' 0")	3,510 (11' 6")	
L Track shoe	Type	Triple grouser			Double grouser
	width	600 (24")	700 (28")	800 (32")	700 (28")
M Overall width	3,470 (11' 5")	3,570 (11' 9")	3,670 (12' 0")	3,570 (11' 9")	

## HX300 L HIGH WALKER WORKING RANGE



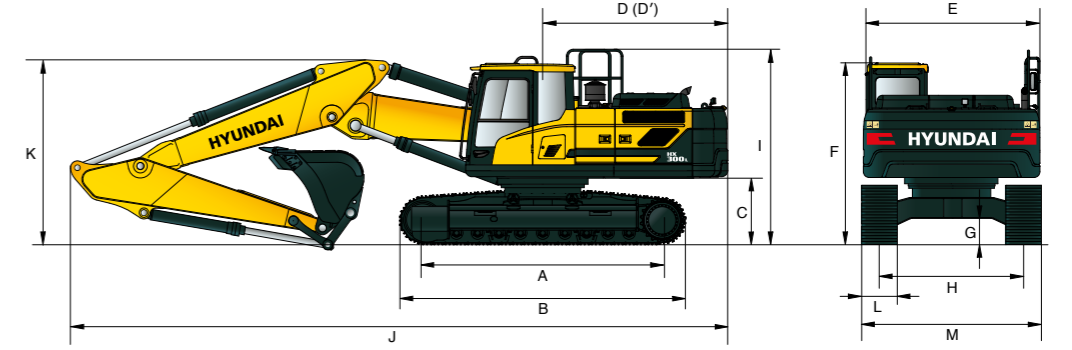
Unit : mm (ft-in)

Boom length	6,250 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. digging reach	10,020 (32' 10")	10,280 (33' 9")	10,790 (35' 5")	11,400 (37' 5")
A' Max. digging reach on ground	9,750 (32' 0")	10,020 (32' 10")	10,530 (34' 7")	11,160 (36' 7")
B Max. digging depth	6,140 (20' 2")	6,540 (21' 5")	7,090 (23' 3")	7,790 (25' 7")
B' Max. digging depth (8' level)	5,930 (19' 5")	6,330 (20' 9")	6,910 (22' 8")	7,630 (25' 0")
C Max. vertical wall digging depth	5,700 (18' 8")	5,560 (18' 3")	6,090 (20' 0")	6,790 (22' 3")
D Max. digging height	10,320 (33' 10")	10,270 (33' 8")	10,440 (34' 3")	10,660 (35' 0")
E Max. dumping height	7,240 (23' 9")	7,170 (23' 6")	7,400 (24' 3")	7,610 (25' 0")
F Min. front swing radius	4,400 (14' 5")	4,300 (14' 1")	4,250 (13' 11")	4,200 (13' 9")

# DIMENSIONS & WORKING RANGE

## HX300 L 2-PIECE BOOM DIMENSIONS

6.25 m (20' 6") 2-Piece BOOM and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") ARM

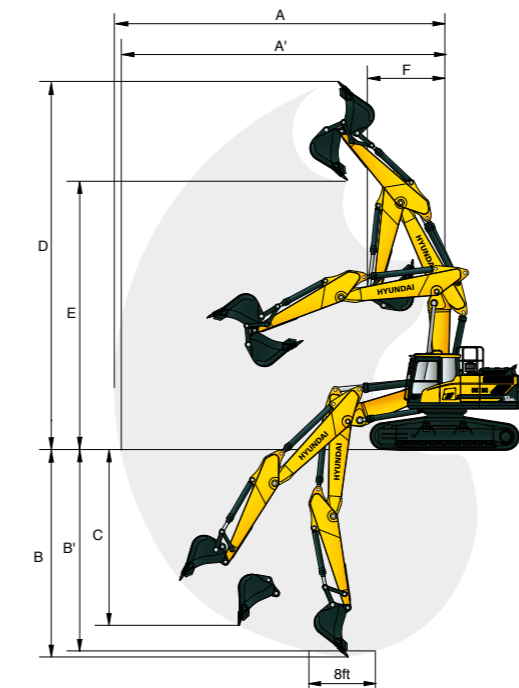


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,880 (16' 0")
C	Ground clearance of counterweight	1,490 (4' 9")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,130 (10' 3")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,335 (10' 9")

Boom length	6,250 (20' 6")				
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
J Overall length	10,720 (35' 2")	10,680 (35' 1")	10,640 (34' 11")	10,650 (34' 11")	
K Overall height of boom	3,460 (11' 4")	3,380 (11' 1")	3,270 (10' 9")	3,540 (11' 7")	
L Track shoe	Type	Triple grouser			Double grouser
	width	600 (24")	700 (28")	800 (32")	700 (28")
M Overall width	3,470 (11' 5")	3,570 (11' 9")	3,670 (12' 0")	3,570 (11' 9")	

## HX300 L 2-PIECE BOOM WORKING RANGE



Unit : mm (ft-in)

Boom length	6,250 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. digging reach	10,060 (32' 10")	10,340 (33' 9")	10,860 (35' 5")	11,480 (37' 5")
A' Max. digging reach on ground	9,850 (32' 0")	10,140 (32' 10")	10,670 (34' 7")	11,300 (36' 7")
B Max. digging depth	5,930 (20' 2")	6,280 (21' 5")	6,820 (23' 3")	7,490 (25' 7")
B' Max. digging depth (8' level)	5,930 (19' 5")	6,330 (20' 9")	6,910 (22' 8")	7,630 (25' 0")
C Max. vertical wall digging depth	5,010 (18' 8")	5,210 (18' 3")	5,780 (20' 0")	6,450 (22' 3")
D Max. digging height	11,540 (33' 10")	11,680 (33' 8")	12,090 (34' 3")	12,550 (35' 0")
E Max. dumping height	8,310 (23' 9")	8,440 (23' 6")	8,850 (24' 3")	9,320 (25' 0")
F Min. front swing radius	3,180 (14' 5")	2,900 (14' 1")	2,630 (13' 11")	2,850 (13' 9")



# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

## HX300 NL

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach
														m (ft)
7.5 m (25 ft)	kg											*4420	*4420	7.38
	lb											*9740	*9740	(24.2)
6.0 m (20 ft)	kg								*6510	5330		*4230	*4230	8.30
	lb								*14350	11750		*9330	*9330	(27.2)
4.5 m (15 ft)	kg			*9480	*9480	*7790	7320	*7010	5170			*4220	3910	8.86
	lb			*20900	*20900	*17170	16140	*15450	11400			*9300	8620	(29.1)
3.0 m (10 ft)	kg			*12540	10370	*9240	6870	*7750	4950	*5510	3720	*4360	3620	9.14
	lb			*27650	22860	*20370	15150	*17090	10910	*12150	8200	*9610	7980	(30.0)
1.5 m (5 ft)	kg			*14940	9640	*10580	6480	8190	4740	*6210	3630	*4660	3520	9.17
	lb			*32940	21250	*23320	14290	18060	10450	*13690	8000	*10270	7760	(30.1)
Ground Line	kg			*15980	9320	11240	6230	8020	4590			*5180	3600	8.94
	lb			*35230	20550	24780	13730	17680	10120			*11420	7940	(29.3)
-1.5 m (-5 ft)	kg	*7670	*7670	*11120	*11120	*15990	9270	11120	6130	7950	4530	*6070	3880	8.44
	lb	*16910	*16910	*24520	*24520	*35250	20440	24520	13510	17530	9990	*13380	8550	(27.7)
-3.0 m (-10 ft)	kg	*13120	*13120	*17920	*17920	*15130	9370	11170	6180	8030	4600	*7790	4520	7.61
	lb	*28920	*28920	*39510	*39510	*33360	20660	24630	13620	17700	10140	*17170	9960	(25.0)
-4.5 m (-15 ft)	kg			*18140	*18140	*13070	9660	*9580	6410			*8830	6000	6.32
	lb			*39990	*39990	*28810	21300	*21120	14130			*19470	13230	(20.7)

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach				
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
														m (ft)	
7.5 m (25 ft)	kg									*5040	*5040		*3520	*3520	8.08
	lb									*11110	*11110		*7760	*7760	(26.5)
6.0 m (20 ft)	kg									*5710	5450		*3390	*3390	8.93
	lb									*12590	12020		*7470	*7470	(29.3)
4.5 m (15 ft)	kg					*6790	*6790	*6280	5270	*11330	8530	*5140	3870	9.46	
	lb					*14970	*14970	*13850	11620	*24700	18920	*11330	8530	(31.0)	
3.0 m (10 ft)	kg			*10810	10800	*8290	7040	*7090	5020	6370	3750	*3500	3270	9.74	
	lb			*23830	23810	*18280	15520	*15630	11070	14040	8270	*7720	7210	(31.9)	
1.5 m (5 ft)	kg			*13610	9890	*9790	6580	*7940	4770	6230	3620	*3730	3180	9.77	
	lb			*30000	21800	*21580	14510	*17500	10520	13730	7980	*8220	7010	(32.1)	
Ground Line	kg			*6790	*6790	*15290	9370	*10930	6250	8010	4580	6110	3520	9.57	
	lb			*14970	*14970	*33710	20660	*24100	13780	17660	10100	13470	7760	(31.4)	
-1.5 m (-5 ft)	kg	*6950	*6950	*10490	*10490	*15870	9180	11070	6080	7880	4460	*5730	3470	9.11	
	lb	*15320	*15320	*23130	*23130	*34990	20240	24410	13400	17370	9830	*12630	7650	(29.9)	
-3.0 m (-10 ft)	kg	*10970	*10970	*15340	*15340	*15540	9190	11040	6050	7870	4450			8.36	
	lb	*24180	*24180	*33820	*33820	*34260	20260	24340	13340	17350	9810			(27.4)	
-4.5 m (-15 ft)	kg	*15830	*15830	*20350	18580	*14200	9380	*10570	6170					7.22	
	lb	*34900	*34900	*44860	40960	*31310	20680	*23300	13600					(23.7)	

- Lifting capacity are based on SAE J1097 and ISO 10567.
- Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (\*) indicates load limited by hydraulic capacity.

# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

## HX300 L LONG REACH

10.2 m (33' 6") boom; 7.85 m (25' 9") arm equipped with 0.52 m<sup>3</sup> (SAE heaped) bucket and 800 mm (32") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach											
	7 m (23.0 ft)		8.5 m (27.9 ft)		10 m (32.8 ft)		11.5 m (37.7 ft)		13 m (42.7 ft)		14.5 m (47.6 ft)		16 m (52.5 ft)		Capacity	Reach						
																m (ft)						
12.4 m (40.7 ft)	kg														*780	*780	13.80					
	lb														*1720	*1720	(45.3)					
10.9 m (35.8 ft)	kg											*940	*940		*750	*750	14.82					
	lb											*2070	*2070		*1650	*1650	(48.6)					
9.4 m (30.8 ft)	kg											*1270	*1270		*730	*730	15.63					
	lb											*2800	*2800		*1610	*1610	(51.3)					
7.9 m (25.9 ft)	kg											*1740	*1740	*1500	*1500	*900	*900	*720	*720	16.25		
	lb											*3840	*3840	*3310	*3310	*1980	*1980	*1590	*1590	(53.3)		
6.4 m (21.0 ft)	kg											*1940	*1940	*1700	*1700	*1190	*1190	*730	*730	16.72		
	lb											*4280	*4280	*3750	*3750	*2620	*2620	*1610	*1610	(54.9)		
4.9 m (16.1 ft)	kg											*2390	*2390	*2200	*2200	*1910	*1910	*1400	*1400	*750	*750	17.04
	lb											*5270	*5270	*4850	*4850	*4210	*4210	*3090	*3090	*1650	*1650	(55.9)
3.4 m (11.2 ft)	kg											*3960	*3960	*3400	*3400	*2950	*2950	*2570	*2570	*2160	*2160	17.23
	lb											*8730	*8730	*7500	*7500	*6500	*6500	*5670	*5670	*4760	*4760	(56.5)
1.9 m (6.2 ft)	kg	*5730	*5730	*4660	*4660	*3990	*3990	*3550	3270	*3070	2680	*2440	2220	*1740	*1740	*820	*820	*820	*820	*820	*820	17.28
	lb	*12630	*12630	*10270	*10270	*8800	*8800	*7830	7210	*6770	5910	*5380	4890	*3840	*3840	*1810	*1810	*1810	*1810	*1810	*1810	(56.7)
0.4 m (1.3 ft)	kg	*6680	6100	*5310	4730	*4450	3780	*3890	3080	*3490	2550	*2760	2120	*1850	1780	*870	*870	*870	*870	*870	*870	17.20
	lb	*14730	13450	*11710	10430	*9810	8330	*8580	6790	*7690	5620	*6080	4670	*4080	3920	*1920	*1920	*1920	*1920	*1920	*1920	(56.4)
-1.1 m (-3.6 ft)	kg	*7420	5680	*5860	4420	*4870	3550	*4200	2920	*3720	2430	*3050	2040	*1880	1720	*950	*950	*950	*950	*950	*950	16.98
	lb	*16360	12520	*12920	9740	*10740	7830	*9260	6440	*8200	5360	*6720	4500	*4140	3790	*2090	*2090	*2090	*2090	*2090	*2090	(55.7)
-2.6 m (-8.5 ft)	kg	*7950	5400	*6290	4190	*5210	3380	*4460	2790	3810	2330	*3240	1970	*1750	1680	*1050	*1050	*1050	*1050	*1050	*1050	16.63
	lb	*17530	11900	*13870	9240	*11490	7450	*9830	6150	8400	5140	*7140	4340	*3860	3700	*2310	*2310	*2310	*2310	*2310	*2310	(54.6)
-4.1 m (-13.5 ft)	kg	*8260	5250	*6590	4060	5370	3260	4430	2690	3740	2260	3210	1930	*1350	*1350	*1180	*1180	*1180	*1180	*1180	*1180	16.12
	lb	*18210	11570	*14530	8950	11840	7190	9770	5930	8250	4980	7080	4250	*2980	*2980	*2600	*2600	*2600	*2600	*2600	*2600	(52.9)
-5.6 m (-18.4 ft)	kg	*8390	5190	6640	3990	5300	3200	4380	2640	3700	2230	*2790	1910			*1360	*1360	*1360	*1360	*1360	*1360	15.46
	lb	*18500	11440	14640	8800	11680	7050	9660	5820	8160	4920	*6150	4210			*3000	*3000	*3000	*3000	*3000	*3000	(50.7)
-7.1 m (-23.3 ft)	kg	*8340	5210	6640	3980	5290	3190	4370	2640	3710	2230	*1810	*1810			*1620	*1620	*1620	*1620	*1620	*1620	14.61
	lb	*18390	11490	14640	8770	11660	7030	9630	5820	8180	4920	*3990	*3990			*3570	*3570	*3570	*3570	*3570	*3570	(47.9)
-8.6 m (-28.2 ft)	kg	*8090	5300	*6590	4040	5330	3230	4410	2680	*3260	2290					*2030	*2030	*2030	*2030	*2030	*2030	13.53
	lb	*17840	11680	*14530	8910	11750	7120	9720	5910	*7190	5050					*4480	*4480	*4480	*4480	*4480	*4480	(44.4)
-10.1 m (-33.1 ft)	kg	*7590	5460	*6220	4160	*5180	3330	*4330	2780							*2750	2600	*2750	2600	*2750	2600	12.18
	lb	*16730	12040	*13710	9170	*11420	7340	*9550	6130							*6060	5730	*6060	5730	*6060</		

# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

## HX300 L HIGH WALKER

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach	
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach	
											m (ft)	
7.5 m (25 ft)	kg					*6980	*6980			*6690	*6690	6.89
	lb					*15390	*15390			*14750	*14750	(22.6)
6.0 m (20 ft)	kg					*7490	*7490	*7190	6970	*6420	*6420	7.82
	lb					*16510	*16510	*15850	15370	*14150	*14150	(25.7)
4.5 m (15 ft)	kg		*11050	*11050		*8640	*8640	*7600	6830	*6440	5730	8.38
	lb		*24360	*24360		*19050	*19050	*16760	15060	*14200	12630	(27.5)
3.0 m (10 ft)	kg					*10000	9140	*8270	6620	*6700	5360	8.64
	lb					*22050	20150	*18230	14590	*14770	11820	(28.3)
1.5 m (5 ft)	kg		*13480	13350		*11140	8800	*8890	6440	*7230	5290	8.63
	lb		*29720	29430		*24560	19400	*19600	14200	*15940	11660	(28.3)
Ground Line	kg		*16080	13200		*11730	8620	9070	6330	7800	5480	8.35
	lb		*35450	29100		*25860	19000	20000	13960	17200	12080	(27.4)
-1.5 m (-5 ft)	kg	*12560	*12560	*15600	13250	*11680	8590	9080	6330	8650	6060	7.77
	lb	*27690	*27690	*34390	29210	*25750	18940	20020	13960	19070	13360	(25.5)
-3.0 m (-10 ft)	kg	*19340	*19340	*14230	13450	*10720	8720			*9050	7360	6.81
	lb	*42640	*42640	*31370	29650	*23630	19220			*19950	16230	(22.3)
-4.5 m (-15 ft)	kg	*15100	*15100		*11130					*9180	*9180	5.26
	lb	*33290	*33290		*24540					*20240	*20240	(17.2)

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach	
															m (ft)	
7.5 m (25 ft)	kg									*4470	*4470			*4360	*4360	7.52
	lb									*9850	*9850			*9610	*9610	(24.7)
6.0 m (20 ft)	kg									*6530	*6530			*4210	*4210	8.38
	lb									*14400	*14400			*9280	*9280	(27.5)
4.5 m (15 ft)	kg					*9830	*9830	*7940	*7940	*7070	6870			*4220	*4220	8.90
	lb					*21670	*21670	*17500	*17500	*15590	15150			*9300	*9300	(29.2)
3.0 m (10 ft)	kg					*12850	*12850	*9390	9210	*7820	6640			*4380	*4380	9.14
	lb					*28330	*28330	*20700	20300	*17240	14640			*9660	*9660	(30.0)
1.5 m (5 ft)	kg					*15040	13430	*10670	8820	*8550	6420			*5980	4940	9.13
	lb					*33160	29610	*23520	19440	*18850	14150			*13180	10890	(30.0)
Ground Line	kg					*15910	13140	*11480	8580	9020	6280			*5260	4980	8.87
	lb					*35080	28970	*25310	18920	19890	13850			*11600	10980	(29.1)
-1.5 m (-5 ft)	kg	*8460	*8460	*12060	*12060	*15810	13110	*11680	8500	8970	6230			*6230	5430	8.33
	lb	*18650	*18650	*26590	*26590	*34860	28900	*25750	18740	19780	13730			*13730	11970	(27.3)
-3.0 m (-10 ft)	kg	*13970	*13970	*19190	*19190	*14830	13250	*11120	8560					*8140	6400	7.44
	lb	*30800	*30800	*42310	*42310	*32690	29210	*24520	18870					*17950	14110	(24.4)
-4.5 m (-15 ft)	kg			*17350	*17350	*12530	*12530	*8990	8860					*8840	8750	6.06
	lb			*38250	*38250	*27620	*27620	*19820	19530					*19490	19290	(19.9)

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach	
															m (ft)	
7.5 m (25 ft)	kg									*5310	*5310			*3470	*3470	8.26
	lb									*11710	*11710			*7650	*7650	(27.1)
6.0 m (20 ft)	kg									*5760	*5760			*3360	*3360	9.05
	lb									*12700	*12700			*7410	*7410	(29.7)
4.5 m (15 ft)	kg							*7020	*7020	*6390	*6390			*5370	5180	9.53
	lb							*15480	*15480	*14090	*14090			*11840	11420	(31.3)
3.0 m (10 ft)	kg					*11350	*11350	*8550	*8550	*7220	6690			*6530	5050	9.76
	lb					*25020	*25020	*18850	*18850	*15920	14750			*14400	11130	(32.0)
1.5 m (5 ft)	kg					*13980	13630	*10000	8890	*8060	6430			*6990	4920	9.75
	lb					*30820	30050	*22050	19600	*17770	14180			*15410	10850	(32.0)
Ground Line	kg			*7380	*7380	*15440	13140	*11060	8570	*8730	6240			6890	4820	9.51
	lb			*16270	*16270	*34040	28970	*24380	18890	*19250	13760			15190	10630	(31.2)
-1.5 m (-5 ft)	kg	*7640	*7640	*11270	*11270	*15840	12980	*11550	8410	8880	6140			*4870	4790	9.00
	lb	*16840	*16840	*24850	*24850	*34920	28620	*25460	18540	19580	13540			*10740	10560	(29.5)
-3.0 m (-10 ft)	kg	*11750	*11750	*16400	*16400	*15340	13030	*11380	8410	*8830	6150			*6140	5490	8.19
	lb	*25900	*25900	*36160	*36160	*33820	28730	*25090	18540	*19470	13560			*13540	12100	(26.9)
-4.5 m (-15 ft)	kg	*16870	*16870	*19650	*19650	*13760	13280	*10210	8580					*8320	7000	6.96
	lb	*37190	*37190	*43320	*43320	*30340	29280	*22510	18920					*18340	15430	(22.8)

- Lifting capacity are based on SAE J1097 and ISO 10567.
- Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook located on the back of the bucket.
- (\*) indicates load limited by hydraulic capacity.

# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

## HX300 L 2-PIECE BOOM

6.25 m (20' 6") 2-piece boom; 2.10 m (6' 11") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach			
													m (ft)			
9.0 m (30 ft)	kg													*11940	*11940	4.58
	lb													*26320	*26320	(15.0)
7.5 m (25 ft)	kg									*9440	*9440			*9270	8880	6.35
	lb									*20810	*20810			*20440	19580	(20.8)
6.0 m (20 ft)	kg									*12450	*12450			*8140	6890	7.41
	lb									*27450	*27450			*17950	15190	(24.3)
4.5 m (15 ft)	kg									*10460	9350			*7640	5960	8.05
	lb									*23060	20610			*16840	13140	(26.4)
3.0 m (10 ft)	kg									*12000	8910			*7520	5520	8.38
	lb									*26460	19640			*16580	12170	(27.5)
1.5 m (5 ft)	kg									13540	8580			*7690	5410	8.42
	lb									29850	18920			*16950	11930	(27.6)
Ground Line	kg									13360	8410			*8200	5580	8.19
	lb									29450	18540			*18080	12300	(26.9)
-1.5 m (-5 ft)	kg									*14820	12810			*8300	6140	7.66
	lb									*32670	28240			*18300	13540	(25.1)
-3.0 m (-10 ft)	kg															
	lb															

6.25 m (20' 6") 2-piece boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach			
													m (ft)			
9.0 m (30 ft)	kg													*9000	*9000	5.09
	lb													*19840	*19840	(16.7)
7.5 m (25 ft)	kg													*7750	*7750	6.73
	lb													*17090	*17090	(22.1)
6.0 m (20 ft)	kg															

# LIFTING CAPACITY

# NOTES

Rating over-front Rating over-side or 360 degrees

## HX300 NL 2-PIECE BOOM

6.25 m (20' 6") 2-piece boom; 2.10 m (6' 11") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
													m (ft)
9.0 m (30 ft)	kg		*12270	*12270							*11940	*11940	4.58
	lb		*27050	*27050							*26320	*26320	(15.0)
7.5 m (25 ft)	kg		*11390	*11390	*9440	9020					*9270	8160	6.35
	lb		*25110	*25110	*20810	19890					*20440	17990	(20.8)
6.0 m (20 ft)	kg		*12450	*12450	*9540	8920					*8140	6330	7.41
	lb		*27450	*27450	*21030	19670					*17950	13960	(24.3)
4.5 m (15 ft)	kg				*10460	8560	*8100	6140			*7640	5470	8.05
	lb				*23060	18870	*17860	13540			*16840	12060	(26.4)
3.0 m (10 ft)	kg				*12000	8130	*8540	5960			*7520	5060	8.38
	lb				*26460	17920	*18830	13140			*16580	11160	(27.5)
1.5 m (5 ft)	kg				13470	7810	*9090	5790			*7690	4940	8.42
	lb				29700	17220	*20040	12760			*16950	10890	(27.6)
Ground Line	kg				13280	7650	*9510	5700			*8200	5100	8.19
	lb				29280	16870	*20970	12570			*18080	11240	(26.9)
-1.5 m (-5 ft)	kg		*14820	11540	*11970	7650	*8830	5740			*8300	5610	7.66
	lb		*32670	25440	*26390	16870	*19470	12650			*18300	12370	(25.1)
-3.0 m (-10 ft)	kg				*9040	7820							
	lb				*19930	17240							

6.25 m (20' 6") 2-piece boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
													m (ft)
9.0 m (30 ft)	kg		*9800	*9800							*9000	*9000	5.09
	lb		*21610	*21610							*19840	*19840	(16.7)
7.5 m (25 ft)	kg		*9870	*9870	*8870	*8870					*7750	7540	6.73
	lb		*21760	*21760	*19550	*19550					*17090	16620	(22.1)
6.0 m (20 ft)	kg	*11920	*11920	*11130	*11130	*9100	9010	*7570	6300		*7290	5970	7.73
	lb	*26280	*26280	*24540	*24540	*20060	19860	*16690	13890		*16070	13160	(25.4)
4.5 m (15 ft)	kg		*14530	13250	*9990	8640	*7780	6180			*7040	5200	8.35
	lb		*32030	29210	*22020	19050	*17150	13620			*15520	11460	(27.4)
3.0 m (10 ft)	kg				*11470	8190	*8260	5970			*6960	4810	8.67
	lb				*25290	18060	*18210	13160			*15340	10600	(28.4)
1.5 m (5 ft)	kg				*13240	7820	*8850	5780			*7140	4690	8.71
	lb				*29190	17240	*19510	12740			*15740	10340	(28.6)
Ground Line	kg		*17730	11370	13250	7610	*9350	5660			*7460	4820	8.48
	lb		*39090	25070	29210	16780	*20610	12480			*16450	10630	(27.8)
-1.5 m (-5 ft)	kg		*15730	11410	*12400	7570	*9480	5650			*8400	5250	7.97
	lb		*34680	25150	*27340	16690	*20900	12460			*18520	11570	(26.1)
-3.0 m (-10 ft)	kg		*12570	11610	*9980	7690					*7450	6220	7.10
	lb		*27710	25600	*22000	16950					*16420	13710	(23.3)

6.25 m (20' 6") 2-piece boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
													m (ft)
9.0 m (30 ft)	kg		*8820	*8820	*5960	*5960					*5620	*5620	6.06
	lb		*19440	*19440	*13140	*13140					*12390	*12390	(19.9)
7.5 m (25 ft)	kg		*8660	*8660	*8280	*8280					*4990	*4990	7.46
	lb		*19090	*19090	*18250	*18250					*11000	*11000	(24.5)
6.0 m (20 ft)	kg		*9630	*9630	*8600	*8600	*7100	6380			*4740	*4740	8.37
	lb		*21230	*21230	*18960	*18960	*15650	14070			*10450	*10450	(27.5)
4.5 m (15 ft)	kg		*13240	*13240	*9450	8720	*7410	6210			*4690	4670	8.93
	lb		*29190	*29190	*20830	19220	*16340	13690			*10340	10300	(29.3)
3.0 m (10 ft)	kg		*17310	12390	*10880	8240	*7930	5970	*6360	4530	*4810	4360	9.21
	lb		*38160	27320	*23990	18170	*17480	13160	*14020	9990	*10600	9610	(30.2)
1.5 m (5 ft)	kg		*18670	11600	*12670	7820	*8570	5750	*6580	4430	*5090	4270	9.24
	lb		*41160	25570	*27930	17240	*18890	12680	*14510	9770	*11220	9410	(30.3)
Ground Line	kg		*18290	11290	13200	7560	*9140	5590	*5760	4370	*5590	4370	9.01
	lb		*40320	24890	29100	16670	*20150	12320	*12700	9630	*12320	9630	(29.6)
-1.5 m (-5 ft)	kg	*12160	*12160	*16670	11250	*12820	7470	9380	5540		*6450	4710	8.51
	lb	*26810	*26810	*36750	24800	*28260	16470	20680	12210		*14220	10380	(27.9)
-3.0 m (-10 ft)	kg		*13870	11400	*10860	7540	*7840	5630			*7310	5470	7.69
	lb		*30580	25130	*23940	16620	*17280	12410			*16120	12060	(25.2)

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook located on the back of the bucket.

4. (\*) indicates load limited by hydraulic capacity.

ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
<b>HYDRAULIC SYSTEM</b>		
<b>Intelligent Power Control (IPC)</b>		
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		●
Electronic Fan Control	●	
<b>CABIN &amp; INTERIOR</b>		
<b>ISO Standard cabin</b>		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
<b>Automatic climate control</b>		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
<b>Centralized monitoring</b>		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights	●	
Cabin front window rain guard		●
Cabin roof-steel cover		●
<b>Seat</b>		
Adjustable air suspension seat with heater		●
<b>Cabin FOPS/FOG (ISO/DIS 10262) Level 2</b>		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
<b>Cabin ROPS (ISO 12117-2)</b>		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
Four 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		●
Three outside rearview mirrors	●	

<b>OTHER</b>		
<b>Booms</b>		
6.25 m; 20' 6"	●	
10.2 m; 33' 6" Long reach		●
<b>Arms</b>		
2.1 m; 6' 11"		●
2.5 m; 8' 2"		●
3.05 m; 10' 0"	●	
3.75 m; 12' 4"		●
7.85 m; 25' 9" Long reach		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer single	●	
Fuel warmer dual		●
Self-diagnostics system	●	
Hi MATE (Remote Management System)	●	
Batteries (2 x 12 V 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		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Tool kit		●

<b>UNDERCARRIAGE</b>		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
<b>Track shoes</b>		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●

<b>SWING BEARING</b>		
Swing bearing	●	
Swing bearing (High Walker)		●

STD = Standard  
OPT = Optional

- \* 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 0.7 kg of refrigerant which has a CO<sub>2</sub> equivalent of 1.001 metric tonne.



PLEASE CONTACT

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