

MOVING YOU FURTHER

HX300L

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

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

Gross Power

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

Travel Speed

5.8 km/hr (3.6 mph) / 3.2 km/hr (2.0 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.



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)
- Centralized Controller
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System



HX300L



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
- Forced Swing Parking (Option)



*Photo may include optional equipment.



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Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 5% faster and levels up to 4% 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.

WORK MAX, WORTH MAX

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.



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.

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.

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 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.

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.

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.



*Photo may include optional equipment

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.



*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)

Proportional Auxiliary Hydraulic System

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

Centralized Controller

Switches for engine RPM, air conditioner and heater, wiper, lamp, overload warning and travel alarm are arranged for centralized control, increasing operating convenience and work efficiency.



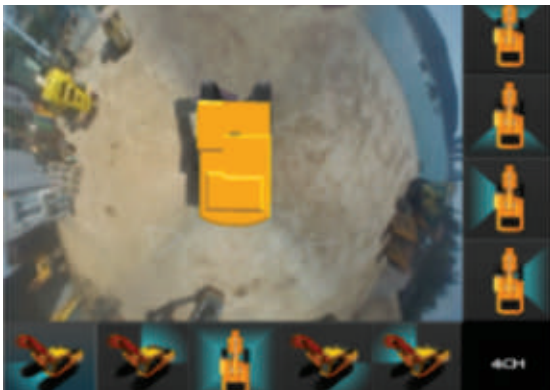
New Audio System

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.

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.

Forced Swing Parking (Option)

Forced swing parking 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)	242 HP (180 kW) at 1,950 rpm
		J1349 (net)	230 HP (171 kW) at 1,950 rpm
	DIN	6271/1 (gross)	245 PS (180 kW) at 1,950 rpm
		6271/1 (net)	233 PS (171 kW) 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

MAIN PUMP

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 ² (4,980 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,400 psi)
Swing circuit	300 kgf/cm ² (4,270 psi)
Pilot circuit	40 kgf/cm ² (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	27,300 kgf (60,200 lbf)
Max. travel speed (high / low)	5.8 km/hr (3.6 mph) / 3.2 km/hr (2.0 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	23.1	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	87.2	72.6
Hydraulic tank	190	50.2	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)

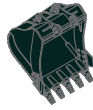
Operating weight, including 6,250 mm (20' 6") boom; 3,050 mm (10' 0") arm; SAE heaped 1.27 m³ (1.66 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

OPERATING WEIGHT

Shoes		Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)		kgf / cm ² (psi)
Triple grouser	600 (24")	HX300 L	30,200 (66,580)	0.58 (8.25)
		HX300 NL	30,000 (66,140)	0.58 (8.25)
		HX300 HW	33,040 (72,840)	0.64 (9.10)
	700 (28")	HX300 L	30,770 (67,840)	0.51 (7.25)
		HX300 HW	33,610 (74,100)	0.56 (7.95)
	800 (32")	HX300 L	31,150 (68,670)	0.45 (6.40)
		HX300 HW	33,990 (74,940)	0.49 (6.97)
	900 (36")	HX300 L	31,530 (69,510)	0.41 (5.83)
Double grouser	710 (28")	HX300 L	31,680 (69,840)	0.52 (7.39)
		HX300 HW	34,520 (76,100)	0.56 (7.96)

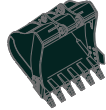
BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS



SAE heaped
m³ (yd³)

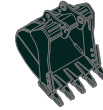
1.27 (1.66)
1.50 (1.96)



1.73 (2.26)
1.85 (2.42)



◆ 1.27 (1.66)
◆ 1.46 (1.91)



◆ 1.33 (1.74)
◆ 1.50 (1.96)



★ 0.52 (0.68)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					6,250 (20' 6") 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	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 /m³ (3,370 lb/ yd³) or less
- ⊙ : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) 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 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") Arms are available.

DIGGING FORCE

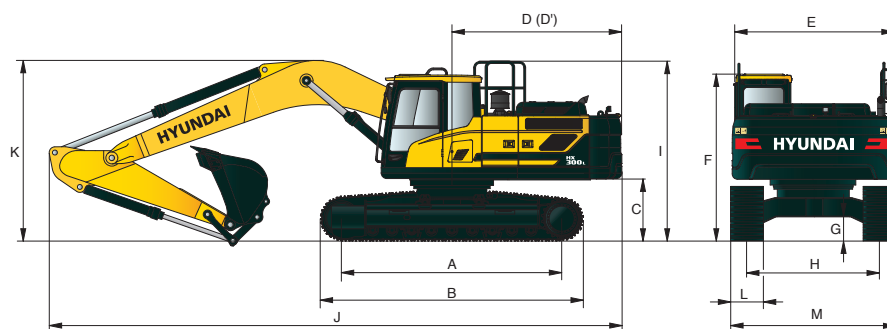
Boom	Length	mm (ft.in)	6,250 (20' 6")				10,200 (33' 6")	Remarks:
	Weight	kg (lb)	2,670 (5,900)				3,420 (7,540)	
Arm	Length	mm (ft.in)	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	
	Weight	kg (lb)	1,480 (3,260)	1,460 (3,220)	1,570 (3,460)	1,710 (3,770)	1,690 (3,730)	
Bucket 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



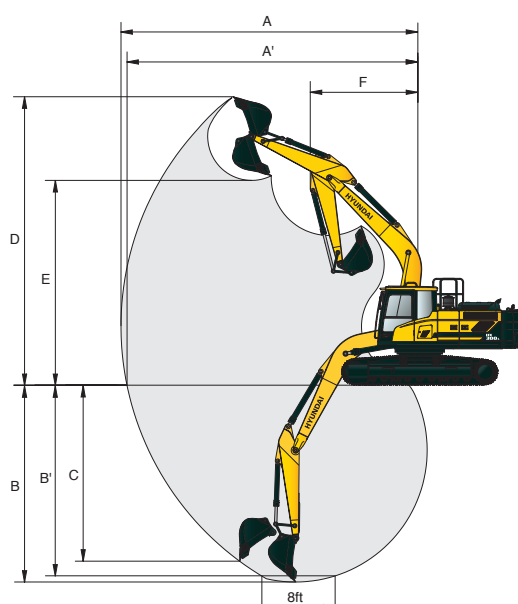
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,190 (3' 11")
D	Tail swing radius	3,200 (10' 6")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,030 (9' 11")
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	3,340 (10' 11")

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 width	600 (23' 6")			
M Overall width	HX300 L: 3,200 (10' 6") HX300 NL: 2,990 (9' 10")			

HX300 L / HX300 NL WORKING RANGE

Unit : mm (ft-in)

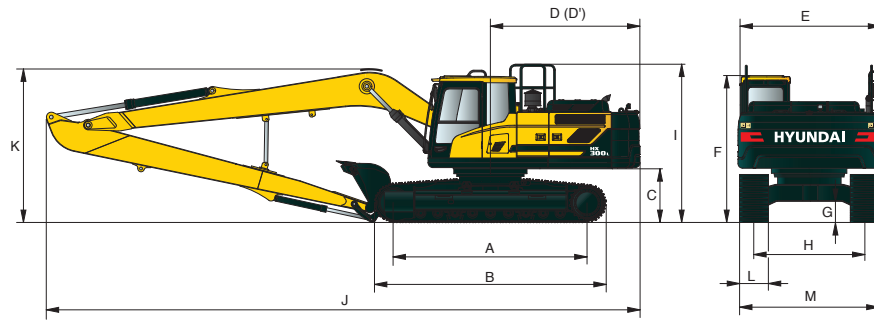


Boom length	6,250 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. digging reach	10,020 (32' 10")	10,280 (33' 9")	10,820 (35' 6")	11,400 (37' 5")
A' Max. digging reach on ground	9,820 (32' 3")	10,080 (33' 1")	10,620 (34' 10")	11,220 (36' 10")
B Max. digging depth	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')	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



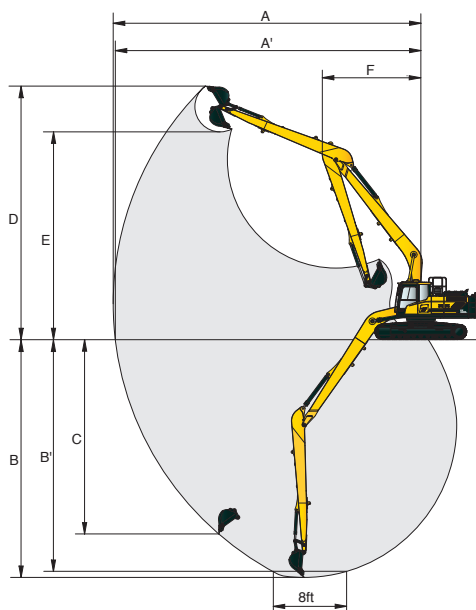
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,190 (3' 11")
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	3,030 (9' 11")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	2,600 (8' 6")
I	Overall height of guardrail	3,340 (10' 11")

	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)

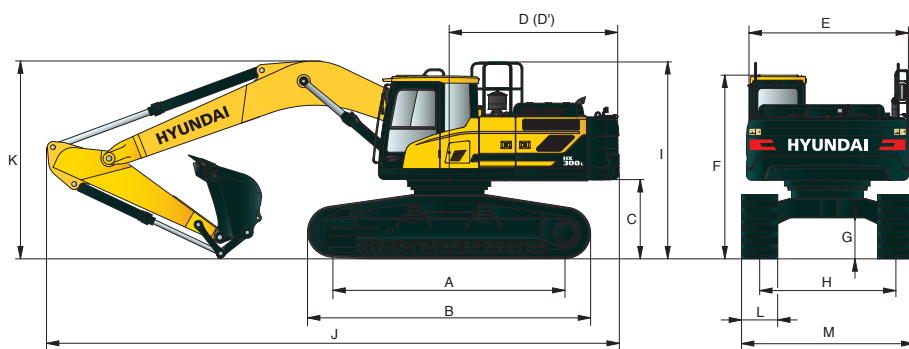


	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
A	Max. digging reach	18,510 (60' 9")
A'	Max. digging reach on ground	18,400 (60' 4")
B	Max. digging depth	14,820 (48' 7")
B'	Max. digging depth (8' level)	14,690 (48' 2")
C	Max. vertical wall digging depth	12,020 (39' 5")
D	Max. digging height	14,500 (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 3.05 m (10' 0") ARM



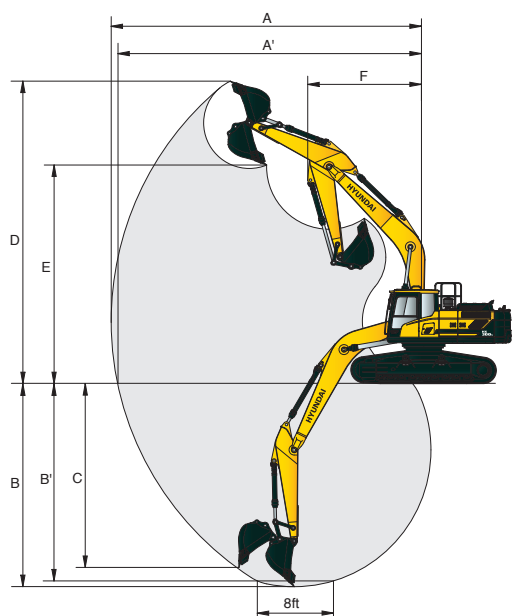
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,950 (16' 3")
C	Ground clearance of counterweight	1,500 (4' 11")
D	Tail swing radius	3,200 (10' 6")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,400 (11' 2")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,640 (12' 0")

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 width	600 (23' 6")			
M Overall width	3,470 (11' 5")			

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")

LIFTING CAPACITY



Rating over-front



Rating over-side or 360 degrees

HX300 L

6.25 m (20' 6") boom; 2.10 m (6' 11") arm equipped with 1.27 m³ (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	
7.5 m (25 ft)	kg					*6130	*6130			*5630	4670
	lb					*13510	*13510			*12410	10300
6.0 m (20 ft)	kg					*6480	*6480	*6290	5050	*5730	3740
	lb					*14290	*14290	*13870	11160	*12630	8250
4.5 m (15 ft)	kg			*9540	*9540	*7510	7250	*6630	4940	5390	3260
	lb			*31030	*31030	*16560	15980	*14620	10890	11880	7190
3.0 m (10 ft)	kg			*12460	10480	*8840	6770	*7260	4720	5090	3040
	lb			*27470	23100	*19490	14930	*16010	10410	11220	6700
1.5 m (5 ft)	kg			*14460	9770	*10010	6370	7520	4510	5090	3020
	lb			*31880	21540	*22070	14040	16580	9940	11220	6660
Ground Line	kg			*15030	9560	10530	6140	7370	4370	5380	3200
	lb			*33140	21080	23210	13540	16250	9630	11860	7050
-1.5 m (-5 ft)	kg	*14310	*14310	*14720	9580	10460	6080	7340	4340	6110	3660
	lb	*31550	*31550	*32450	21120	23060	13400	16180	9570	13470	8070
-3.0 m (-10 ft)	kg	*18800	*18800	*13590	9760	*10100	6180			*6590	4710
	lb	*41450	*41450	*29960	21520	*22270	13620			*14530	10380
-4.5 m (-15 ft)	kg	*15160	*15160	*11050	10170						
	lb	*33420	*33420	*24360	22420						

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m³ (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)	
7.5 m (25 ft)	kg									*5160	4390
	lb									*11380	9680
6.0 m (20 ft)	kg									*5800	5140
	lb									*12790	11330
4.5 m (15 ft)	kg					*8680	*8680	*7010	*7010	*6240	4980
	lb					*19140	*19140	*15450	*15450	*13760	10980
3.0 m (10 ft)	kg					*11600	10690	*8380	6840	*6930	4740
	lb					*25570	23570	*18470	15080	*15280	10450
1.5 m (5 ft)	kg					*13880	9850	*9660	6390	7520	4500
	lb					*30600	21720	*21300	14090	16580	9920
Ground Line	kg					*14840	9510	*10500	6110	7330	4340
	lb					*32720	20970	*23150	13470	16160	9570
-1.5 m (-5 ft)	kg			*15290	*15290	*14820	9460	10390	6010	7260	4270
	lb			*33710	*33710	*32670	20860	22010	13250	16010	9410
-3.0 m (-10 ft)	kg	*17300	*17300	*19910	*19910	*13960	9600	10310	6070		
	lb	*38140	*38140	*43890	*43890	*30780	21160	22730	13380		
-4.5 m (-15 ft)	kg			*16640	*16640	*11890	9950				
	lb			*36680	*36680	*26210	21940				

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m³ (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)	
7.5 m (25 ft)	kg									*4690	3870
	lb									*10340	8530
6.0 m (20 ft)	kg									*4850	3170
	lb									*10690	6990
4.5 m (15 ft)	kg							*6290	*6290	*5700	5020
	lb							*13870	*13870	*12570	11070
3.0 m (10 ft)	kg			*10560	*10560	*10410	*10410	*7710	6910	*6440	4750
	lb			*23280	*23280	*22950	*22950	*17000	15230	*14200	10470
1.5 m (5 ft)	kg					*13000	9970	*9100	6410	*7230	4480
	lb					*28660	21980	*20060	14130	*15940	9880
Ground Line	kg			*10210	*10210	*14420	9470	*10120	6070	7280	4280
	lb			*22510	*22510	*31790	20880	*22310	13380	16050	9440
-1.5 m (-5 ft)	kg	*11050	*11050	*14320	*14320	*14790	9310	10270	5900	7160	4170
	lb	*24360	*24360	*31570	*31570	*32610	20530	22640	13010	15790	9190
-3.0 m (-10 ft)	kg	*14950	*14950	*19330	*19330	*14280	9380	10270	5900	7180	4190
	lb	*32960	*32960	*42620	*42620	*31480	20680	22640	18010	15830	9240
-4.5 m (-15 ft)	kg	*19540	*19540	*18280	*18280	*12720	9640	*9280	6080		
	lb	*43080	*43080	*40300	*40300	*28040	21250	*20460	13400		

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

2. Lifting capacity of the ROBEX 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.

LIFTING CAPACITY



Rating over-front



Rating over-side or 360 degrees

HX300 L

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m³ (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														*4150	3330	9.67
	lb														*9150	7340	(31.7)
6.0 m (20 ft)	kg									*4400	*4400	*2470	*2470		*4320	2780	10.40
	lb									*9700	*9700	*5450	*5450		*9520	6130	(34.1)
4.5 m (15 ft)	kg									*4980	*4980	*3900	3580		4210	2460	10.83
	lb									*10980	*10980	*8600	7890		9280	5420	(35.5)
3.0 m (10 ft)	kg			*14350	*14350	*8830	*8830	*6800	*6800	*5800	4830	*5000	3430		3990	2290	11.02
	lb			*31640	*31640	*19470	*19470	*14990	*14990	*12790	10650	*11020	7560		8800	5050	(36.2)
1.5 m (5 ft)	kg			*10620	*10620	*11740	10310	*8340	6540	*6680	4520	5540	3260		3960	2250	10.97
	lb			*23410	*23410	*25880	22730	*18390	14420	*14730	9960	12210	7190		8730	4960	(36.0)
Ground Line	kg		*6900	*6900	*10970	*10970	*13710	9590	*9590	6120	7280	4270	5380	3120	4100	2320	10.68
	lb		*15210	*15210	*24180	*24180	*30230	21140	*21140	13490	16050	9410	11860	6880	9040	5110	(35.0)
-1.5 m (-5 ft)	kg		*9920	*9920	*13590	*13590	*14590	9280	10250	5870	7100	4110	5290	3030	4470	2560	10.12
	lb		*21870	*21870	*29960	*29960	*32170	20460	22600	12940	15650	9060	11660	6680	9850	5640	(33.2)
-3.0 m (-10 ft)	kg		*13080	*13080	*17280	*17280	*14560	9230	10160	5790	7050	4060			5220	3040	9.25
	lb		*28840	*28840	*38100	*38100	*32100	20350	22400	12760	15540	8950			11510	6700	(30.3)
-4.5 m (-15 ft)	kg		*16750	*16750	*20160	19820	*13580	9380	*9900	5870					*6130	4080	7.92
	lb		*36930	*36930	*44450	43700	*29940	20680	*21830	12940					*13510	8990	(26.0)

HX300 NL

6.25 m (20' 6") boom; 2.10 m (6' 11") arm equipped with 1.27 m³ (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					*6130	*6130			*5630	4210	8.01
	lb					*13510	*13510			*12410	9280	(26.3)
6.0 m (20 ft)	kg					*6480	*6480	*6290	4560	*5730	3350	8.90
	lb					*14290	*14290	*13870	10050	*12630	7390	(29.2)
4.5 m (15 ft)	kg			*9540	*9540	*7510	6540	*6630	4440	5350	2900	9.42
	lb			*21030	*21030	*16560	14420	*14620	9790	11790	6390	(30.9)
3.0 m (10 ft)	kg			*12460	9330	*8840	6070	*7260	4230	5050	2700	9.64
	lb			*27470	20570	*19490	13380	*16010	9330	11130	5950	(31.6)
1.5 m (5 ft)	kg			*14460	8650	*10010	5680	7460	4020	5040	2670	9.58
	lb			*31880	19070	*22070	12520	16450	8860	11110	5890	(31.4)
Ground Line	kg			*15030	8440	10450	5460	7310	3880	5330	2830	9.23
	lb			*33140	18610	23040	12040	16120	8550	11750	6240	(30.3)
-1.5 m (-5 ft)	kg	*14310	*14310	*14720	8460	10380	5400	7280	3860	6060	3260	8.57
	lb	*31550	*31550	*32450	18650	22880	11900	16050	8510	13360	7190	(28.1)
-3.0 m (-10 ft)	kg	*18800	17800	*13590	8640	*10100	5500			*6590	4210	7.47
	lb	*41450	39240	*29960	19050	*22270	12130			*14530	9280	(24.5)
-4.5 m (-15 ft)	kg	*15160	*15160	*11050	9030							
	lb	*33420	*33420	*24360	19910							

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m³ (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)		Capacity		Reach
														m (ft)
7.5 m (25 ft)	kg											*5160	3960	8.34
	lb											*11380	8730	(27.4)
6.0 m (20 ft)	kg									*5800	4640	*5320	3170	9.19
	lb									*12790	10230	*11730	2990	(30.2)
4.5 m (15 ft)	kg					*8680	*8680	*7010	6630	*6240	4480	5110	2760	9.69
	lb					*19140	*19140	*15450	14620	*13760	9880	11270	6080	(31.8)
3.0 m (10 ft)	kg					*11600	9530	*8380	6140	*6930	4240	4830	2550	9.90
	lb					*25570	21010	*18470	13540	*15280	9350	10650	5620	(32.5)
1.5 m (5 ft)	kg					*13880	8720	*9660	5700	7460	4010	4800	2520	9.84
	lb					*30600	19220	*21300	12570	16450	8840	10580	5560	(32.3)
Ground Line	kg					*14840	8390	10430	5430	7280	3850	5040	2650	9.51
	lb					*32720	18500	22990	11970	16050	8490	11110	5840	(31.2)
-1.5 m (-5 ft)	kg			*15290	*15290	*14820	8350	10310	5330	7200	3780	5670	3010	8.87
	lb			*33710	*33710	*32670	18410	22730	11750	15870	8330	12500	6640	(29.1)
-3.0 m (-10 ft)	kg	*17300	*17300	*19910	17450	*13960	8480	*10310	5380			*6700	3810	7.82
	lb	*38140	*38140	*43890	38470	*30780	18700	*22730	11860			*14770	8400	(25.7)
-4.5 m (-15 ft)	kg			*16640	*16640	*11890	8810							
	lb			*36680	*36680	*26210	19420							

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 m³ (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 lb													*4690 *10340	3480 7670	8.94 (29.3)
6.0 m (20 ft)	kg lb									*5190 *11440	4720 10410			*4850 *10690	2830 6240	9.74 (32.0)
4.5 m (15 ft)	kg lb							*6290 *13870	*6290 *13870	*5700 *12570	4520 9960			4660 10270	2470 5450	10.20 (33.5)
3.0 m (10 ft)	kg lb			*10560 *23280	*10560 *23280	*10410 *22950	9790 21580	*7710 *17000	6200 13670	*6440 *14200	4250 9370	*4350 *9590	3010 6640	4410 9720	2290 5050	10.40 (34.1)
1.5 m (5 ft)	kg lb					*13000 *28660	8840 19490	*9100 *20060	5720 12610	*7230 *15940	3990 8800	*5160 *11380	2880 6350	4370 9630	2240 4940	10.35 (34.0)
Ground Line	kg lb			*10210 *22510	*10210 *22510	*14420 *31790	8350 18410	*10120 *22310	5380 11860	7220 15920	3790 8360	*4530 *9990	2780 6130	4560 10050	2340 5160	10.04 (32.9)
-1.5 m (-5 ft)	kg lb	*11050 *24360	*11050 *24360	*14320 *31570	*14320 *31570	*14790 *32610	8200 18080	10200 22490	5220 11510	7100 15650	3680 8110			5050 11130	2620 5780	9.44 (31.0)
-3.0 m (-10 ft)	kg lb	*14950 *32960	*14950 *32960	*19330 *42620	17000 37480	*14280 *31480	8260 18210	10190 22470	5220 11510	7120 15700	3700 8160			6080 13400	3220 7100	8.48 (27.8)
-4.5 m (-15 ft)	kg lb	*19540 *43080	*19540 *43080	*18280 *40300	17510 38600	*12720 *28040	8510 18760	*9280 *20460	5400 11900					*6310 *13910	4650 10250	6.97 (22.9)

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m³ (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 lb													*4150 *9150	2980 6570	9.67 (31.7)
6.0 m (20 ft)	kg lb									*4400 *9700	*4400 *9700	*2470 *5450	*2470 *5450	*4320 *9520	2460 5420	10.40 (34.1)
4.5 m (15 ft)	kg lb									*4980 *10980	4620 10190	*3900 *8600	3200 7050	4170 9190	2160 4760	10.83 (35.5)
3.0 m (10 ft)	kg lb			*14350 *31640	*14350 *31640	*8830 *19470	*8830 *19470	*6800 *14990	6380 14070	*5800 *12790	4330 9550	*5000 *11020	3040 6700	3960 8730	2000 4410	11.02 (36.2)
1.5 m (5 ft)	kg lb			*10620 *23410	*10620 *23410	*11740 *25880	9160 20190	*8340 *18390	5840 12870	*6680 *14730	4030 8880	5490 12100	2880 6350	3920 8640	1950 4300	10.97 (36.0)
Ground Line	kg lb	*6900 *15210	*6900 *15210	*10970 *24180	*10970 *24180	*13710 *30230	8470 18670	*9590 *21140	5430 11970	7230 15940	3780 8330	5340 11770	2740 6040	4060 8950	2020 4450	10.68 (35.0)
-1.5 m (-5 ft)	kg lb	*9920 *21870	*9920 *21870	*13590 *29960	*13590 *29960	*14590 *32170	8160 17990	10170 22420	5180 11420	7050 15540	3620 7980	5250 11570	2660 5860	4430 9770	2230 4920	10.12 (33.2)
-3.0 m (-10 ft)	kg lb	*13080 *28840	*13080 *28840	*17280 *38100	16650 36710	*14560 *32100	8110 17880	10080 22220	5110 11270	6990 15410	3570 7870			5180 11420	2670 5890	9.25 (30.3)
-4.5 m (-15 ft)	kg lb	*16750 *36930	*16750 *36930	*20160 *44450	17050 37590	*13580 *29940	8260 18210	*9900 *21830	5190 11440					*6130 *13510	3620 7980	7.92 (26.0)

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

2. Lifting capacity of the ROBEX 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.

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 m³ (SAE heaped) bucket and 800 mm (32") triple grouser shoes.

Load point height m (ft)		Load radius												At max. reach						
		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		10.5 m (35 ft)		12.0 m (40 ft)		13.5 m (45 ft)		15.0 m (50 ft)		Capacity		Reach		
																		m (ft)		
13.5 m (45 ft)	kg																*1780	*1780	14.13	
	lb																*3920	*3920	(46.4)	
12.0 m (40 ft)	kg																*1800	*1800	15.2	
	lb																*3970	*3970	(50.1)	
10.5 m (35 ft)	kg													*1060	*1060		*1840	1800	16.18	
	lb													*2340	*2340		*4060	3970	(53.1)	
9.0 m (30 ft)	kg													*1520	*1520		*1880	1580	16.89	
	lb													*3350	*3350		*4140	3480	(55.4)	
7.5 m (25 ft)	kg												*1900	*1900		*1830	*1830	*1930	1410	17.44
	lb												*4190	*4190		*4030	*4030	*4250	3110	(57.2)
6.0 m (20 ft)	kg												*2050	*2050		*2030	1990	*1990	1290	17.83
	lb												*4520	*4520		*4480	4390	*4390	2840	(58.5)
4.5 m (15 ft)	kg									*2350	*2350		*2230	*2230		*2160	1900	*2060	1190	18.08
	lb									*5180	*5180		*4920	*4920		*4760	4190	*4540	2620	(59.3)
3.0 m (10 ft)	kg					*3280	*3280	*2900	*2900	*2630	*2630		*2440	2270		*2310	1800	2100	1130	18.20
	lb					*7230	*7230	*6390	*6390	*5800	*5800		*5380	5000		*5090	3970	4630	2490	(59.7)
1.5 m (5 ft)	kg	*6200	*6200	*4720	*4720	*3860	*3860	*3310	*3310	*2930	2650		*2660	2120		*2470	1700	2060	1090	18.19
	lb	*13670	*13670	*10410	*10410	*8510	*8510	*7300	*7300	*6460	5840		*5860	4670		*5450	3750	4540	2400	(59.7)
Ground Line	kg	*7360	6790	*5500	5030	*4410	3880	*3700	3070	*3220	2460		*2880	1990		*2630	1610	2060	1070	18.04
	lb	*16230	14970	*12130	11090	*9720	8550	*8160	6770	*7100	5420		*6350	4390		*5800	3550	4540	2360	(59.2)
-1.5 m (-5 ft)	kg	*8210	6230	*6140	4620	*4880	3580	*4060	2850	*3490	2300		*3090	1870		2750	1520	2080	1080	17.76
	lb	*18100	13730	*13540	10190	*10760	7890	*8950	6280	*7690	5070		*6810	4120		6060	3350	4590	2380	(58.3)
-3.0 m (-10 ft)	kg	*8750	5910	*6610	4340	*5260	3360	*4360	2680	*3720	2170		3180	1770		2680	1460	2150	1120	17.33
	lb	*19290	13030	*14570	9570	*11600	7410	*9610	5910	*8200	4780		7010	3900		5910	3220	4740	2470	(56.9)
-4.5 m (-15 ft)	kg	*9050	5760	*6910	4180	*5530	3220	4520	2560	3710	2080		3110	1710		2640	1420	2270	1200	16.75
	lb	*19950	12700	*15230	9220	*12190	7100	9960	5640	8180	4590		6860	3770		5820	3130	5000	2650	(55.0)
-6.0 m (-20 ft)	kg	*9130	5730	*7050	4120	5580	3150	4450	2500	3660	2030		3080	1680		2640	1410	2450	1310	15.99
	lb	*20130	12630	*15540	9080	12300	6940	9810	5510	8070	4480		6790	3700		5820	3110	5400	2890	(52.5)
-7.5 m (-25 ft)	kg	*9010	5790	*7040	4130	5570	3150	4450	2490	3660	2030		3090	1690				2720	1500	15.04
	lb	*19860	12760	*15520	9110	12280	6940	9810	5490	8070	4480		6810	3730				6000	3310	(49.3)
-9.0 m (-30 ft)	kg	*8670	5930	*6840	4220	*5570	3200	4500	2540	3720	2080							*3100	1780	13.83
	lb	*19110	13070	*15080	9300	*12280	7050	9920	5600	8200	4590							*6830	3920	(45.4)
-10.5 m (-35 ft)	kg	*8060	6160	*6410	4380	*5220	3330	*4310	2660	*3530	2210							*3270	2250	12.31
	lb	*17770	13580	*14130	9660	*11510	7340	*9500	5860	*7780	4870							*7210	4960	(40.4)
-12.0 m (-40 ft)	kg	*7070	6490	*5640	4630	*4550	3550													
	lb	*15590	14310	*12430	10210	*10030	7830													
-13.5 m (-45 ft)	kg	*5460	*5460	*4260	*4260															
	lb	*12040	*12040	*9390	*9390															

HX300 L HIGH WALKER

6.25 m (20' 6") boom; 2.10 m (6' 11") arm equipped with 1.27 m³ (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					*6120	*6120			*5650	5540	8.21
	lb					*13490	*13490			*12460	12210	(26.9)
6.0 m (20 ft)	kg					*6640	*6640	*6310	6300	*5760	4580	9.02
	lb					*14640	*14640	*13910	13890	*12700	10100	(29.6)
4.5 m (15 ft)	kg			*10090	*10090	*7750	*7750	*6730	6140	*5920	4100	9.48
	lb			*22240	*22240	*17090	*17090	*14840	13540	*13050	9040	(31.1)
3.0 m (10 ft)	kg			*12960	*12960	*9080	8400	*7390	5910	5850	3900	9.65
	lb			*28570	*28570	*20020	18520	*16290	13030	12900	8600	(31.7)
1.5 m (5 ft)	kg			*14660	12420	*10190	8020	*8000	5710	5910	3930	9.53
	lb			*32320	27380	*22470	17680	*17640	12590	13030	8660	(31.3)
Ground Line	kg			*15030	12260	*10780	7810	*8360	5580	6310	4200	9.13
	lb			*33140	27030	*23770	17220	*18430	12300	13910	9260	(30.0)
-1.5 m (-5 ft)	kg	*15990	*15990	*14580	12320	*10740	7780	*8220	5580	*6690	4860	8.40
	lb	*35250	*35250	*32140	27160	*23680	17150	*18120	12300	*14750	10710	(27.6)
-3.0 m (-10 ft)	kg	*18280	*18280	*13250	12540	*9820	7920			*6510	6350	7.20
	lb	*40300	*40300	*29210	27650	*21650	17460			*14350	14000	(23.6)
-4.5 m (-15 ft)	kg	*14130	*14130	*10250	*10250							
	lb	*31150	*31150	*22600	*22600							

- Lifting capacity are based on SAE J1097 and ISO 10567.
- Lifting capacity of the ROBEX 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 HIGH WALKER

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m³ (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)		Capacity		Reach
														m (ft)
7.5 m (25 ft)	kg lb											*5190 *11440	*5190 *11440	8.53 (28.0)
6.0 m (20 ft)	kg lb							*6120 *13490	*6120 *13490	*5850 *12900	*5850 *12900	*5350 *11790	4370 9630	9.31 (30.5)
4.5 m (15 ft)	kg lb					*9210 *20300	*9210 *20300	*7260 *16010	*7260 *16010	*6360 *14020	6180 13620	*5560 *12260	3920 8640	9.75 (32.0)
3.0 m (10 ft)	kg lb					*12120 *26720	*12120 *26720	*8640 *19050	8460 18650	*7070 *15590	5930 13070	5520 12170	3720 8200	9.91 (32.5)
1.5 m (5 ft)	kg lb					*14160 *31220	12480 27510	*9860 *21740	8030 17700	*7750 *17090	5690 12540	5550 12240	3730 8220	9.80 (32.2)
Ground Line	kg lb			*10190 *22470	*10190 *22470	*14910 *32870	12200 26900	*10600 *23370	7780 17150	*8220 *18120	5540 12210	5890 12990	3960 8730	9.42 (30.9)
-1.5 m (-5 ft)	kg lb	*13120 *28920	*13120 *28920	*16490 *36350	*16490 *36350	*14720 *32450	12190 26870	*10740 *23680	7700 16980	8240 18170	5500 12130	*6590 *14530	4520 9960	8.71 (28.6)
-3.0 m (-10 ft)	kg lb	*18380 *40520	*18380 *40520	*19430 *42840	*19430 *42840	*13680 *30160	12370 27270	*10110 *22290	7790 17170			*6690 *14750	5760 12700	7.57 (24.8)
-4.5 m (-15 ft)	kg lb			*15750 *34720	*15750 *34720	*11270 *24850	*11270 *24850							

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m³ (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									*3490	*3490			*4720	4650	9.12
	lb									*7690	*7690			*10410	10250	(29.9)
6.0 m (20 ft)	kg									*5260	*5260			*4890	3940	9.85
	lb									*11600	*11600			*10780	8690	(32.3)
4.5 m (15 ft)	kg							*6540	*6540	*5830	*5830	*3060	*3060	*5090	3560	10.26
	lb							*14420	*14420	*12850	*12850	*6750	*6750	*11220	7850	(33.7)
3.0 m (10 ft)	kg					*10970	*10970	*7990	*7990	*6600	5940	*4570	4330	5060	3380	10.41
	lb					*24180	*24180	*17610	*17610	*14550	13100	*10080	9550	11160	7450	(34.2)
1.5 m (5 ft)	kg			*7330	*7330	*13360	12580	*9330	8040	*7370	5670	*5190	4200	5070	3370	10.31
	lb			*16160	*16160	*29450	27730	*20570	17730	*16250	12500	*11440	9260	11180	7430	(33.8)
Ground Line	kg			*10950	*10950	*14560	12130	*10260	7720	*7950	5470			5340	3550	9.95
	lb			*24140	*24140	*32100	26740	*22620	17020	*17530	12060			11770	7830	(32.6)
-1.5 m (-5 ft)	kg	*11760	*11760	*15190	*15190	*14760	12020	*10630	7580	8120	5380			5970	3990	9.29
	lb	*25930	*25930	*33490	*33490	*32540	26500	*23440	16710	17900	11860			13160	8800	(30.5)
-3.0 m (-10 ft)	kg	*15750	*15750	*20440	*20440	*14070	12120	*10310	7610	*7790	5440			*6360	4910	8.24
	lb	*34720	*34720	*45060	*45060	*31020	26720	*22730	16780	*17170	11990			*14020	10820	(27.0)
-4.5 m (-15 ft)	kg	*20530	*20530	*17540	*17540	*12250	*12250	*8860	7850							
	lb	*45260	*45260	*38670	*38670	*27010	*27010	*19530	17310							

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m³ (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														*4180	4070	9.83		
	lb														*9220	8970	(32.3)		
6.0 m (20 ft)	kg									*4480	*4480	*2810	*2810		*4350	3500	10.50		
	lb									*9880	*9880	*6190	*6190		*9590	7720	(34.4)		
4.5 m (15 ft)	kg									*5120	*5120	*4120	*4120		*4560	3170	10.89		
	lb									*11290	*11290	*9080	*9080		*10050	6990	(35.7)		
3.0 m (10 ft)	kg			*15870	*15870	*9420	*9420	*7100	*7100	*5960	*5960	*5200	4360		4570	3020	11.03		
	lb			*34990	*34990	*20770	*20770	*15650	*15650	*13140	*13140	*11460	9610		10080	6660	(36.2)		
1.5 m (5 ft)	kg			*10310	*10310	*12200	*12200	*8600	8160	*6840	5710	*5860	4190		4570	3000	10.93		
	lb			*22730	*22730	*26900	*26900	*18960	17990	*15080	12590	*12920	9240		10080	6610	(35.9)		
Ground Line	kg			*7490	*7490	*11370	*11370	*13960	12230	*9770	7750	*7580	5460		6130	4060	4770	3130	10.59
	lb			*16510	*16510	*25070	*25070	*30780	26960	*21540	17090	*16710	12040		13510	8950	10520	6900	(34.7)
-1.5 m (-5 ft)	kg			*10490	*10490	*14210	*14210	*14650	11960	*10420	7530	*8020	5320		*5010	3990	5250	3460	9.98
	lb			*23130	*23130	*31330	*31330	*32300	26370	*22970	16600	*17680	11730		*11050	8800	11570	7630	(32.7)
-3.0 m (-10 ft)	kg			*13730	*13730	*18110	*18110	*14450	11950	*10460	7480	*7990	5290				*5950	4140	9.03
	lb			*30270	*30270	*39930	*39930	*31860	26350	*23060	16490	*17610	11660				*13120	9130	(29.6)
-4.5 m (-15 ft)	kg			*17530	*17530	*19590	*19590	*13260	12160	*9660	7600						*6140	5610	7.60
	lb			*38650	*38650	*43190	*43190	*29230	26810	*21300	16760						*13540	12370	(24.9)

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

2. Lifting capacity of the ROBEX 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	●	
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		●
Electronic Fan Control	●	
CABIN & INTERIOR		
ISO Standard cabin		
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	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
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		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) - ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
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	●	
OTHER		
Booms		
6.25 m; 20' 6"	●	
10.2 m; 33' 6" Long reach		●
Arms		
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	●	
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)		●
Fine Swing Control System		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
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		●

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.