

# HX300S L

RUSSIA

\* Photo may include optional equipment.



Head Office(Sales Office)  
11F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

Engine Power  
182kW at 2,200 rpm

Bucket Capacity  
1.27 m3 (1.66 yd³)

Operating Weight  
30,200 kg / 66,580 lb

PLEASE CONTACT

# WHAT'S NEWEST AND BEST

HX300SL

## THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

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

## ULTIMATE DURABILITY

- 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

## EASY CONTROL AND COMFORTABLE OPERATION

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

## THE ULTIMATE SAFE ENVIRONMENT

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



\* Photo may include optional equipment.





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### 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.

# THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

## 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.

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



Fuel Rate Information **Option**



IPC (Intelligent Power Control) **Upgrade**

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



Attachment Flow Control **Option**

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.



Eco Gauge

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



New Cooling System with Increased Air Flow

With the cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation.



Enlarged Air Inlet with Grill Cover

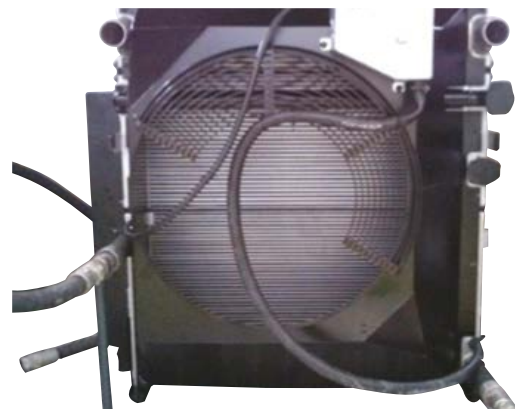
Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.



# ULTIMATE DURABILITY

## New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust frame structure and the attachments 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.

### Wear Resistant Cover Plate

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



### ► 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.

\* 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.





# EASY CONTROL AND COMFORTABLE OPERATION

## Improved Instrument Panel for Easier Monitoring

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



## Intelligent and Wide Cluster

The 8-inch interactive touchscreen display of the HX Series is 15% larger than that of the previous model. The centralized switches on the display allow the operator to check the temperature outside the cab.



## New Front Side Air-conditioning System

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



## Proportional Auxiliary Hydraulic System **Option**

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



## Front Side Air-Vent

## Quick Coupler Button **Option**

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

## New Audio System

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

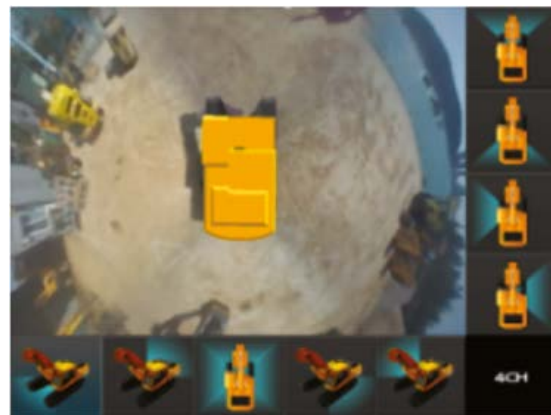


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# THE ULTIMATE SAFE ENVIRONMENT

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



## 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 and rear and to the right and left.



\* AVM (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: 5m).

## HiMATE **Option**

### It's Convenient, Easy and Valuable

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

### What is benefits



#### Increase Productivity

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



#### Convenient and Easy Monitoring

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



#### Security

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



\* 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.

### Fine Swing Control **Option**

Fine swing control is available for customer's convenience when users want to control fine swing.



HX300SL

# SPECIFICATIONS

ENGINE	
Maker / Model	HYUNDAI / HM8.3
Type	6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, mechanical controlled diesel engine.
Engine Power	182 kW at 2,200 rpm
Peak Torque	1,150 N · m (848 lb.ft) at 1,300 rpm
Displacement	8.3 ℓ (506 cu in)

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 × 285 lpm
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system.	

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

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	300 kgf/cm² (4,270 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore × stroke	Boom-2 Ø 140 x 1,465mm Arm Ø 150 x 1,670mm Bucket Ø 135 x 1,150mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,400 kgf (60,410 lbf)
Max. travel speed (high / low)	6.1 km/hr (3.8 mph) / 3.4 km/hr (2.1 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL	
Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot control	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	12.2 rpm

COOLANT & LUBRICANT CAPACITY			
	liter	US gal	UK gal
Fuel tank	500	132.1	110.0
Engine coolant	25	6.6	5.5
Engine oil	26.5	7.0	5.8
Swing device	11	2.91	2.42
Final drive (each)	8.0 (7.8)	2.06	1.72
Hydraulic system (including tank)	330	87.2	72.6
Hydraulic tank	190	50.2	41.8

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

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48 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 6,245 mm (20' 6") boom, 3,100 mm (10' 2") arm, SAE heaped 1.27 m³ (1.66 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.	




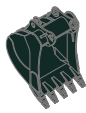

OPERATING WEIGHT			
Shoes		Operating weight	Ground pressure
Type	Width mm (in)	kg (lb)	kgf / cm² (psi)
Triple grouser	600 (24")	HX300SL	30,200 (66,580) 0.58 (8.27)
		HX300SHW	32,490 (71,630) 0.63 (8.89)
	700 (28")	HX300SL	30,770 (67,840) 0.51 (7.22)
		HX300SHW	33,060 (72,880) 0.55 (7.76)
	800 (32")	HX300SL	31,150 (68,670) 0.45 (6.40)
		HX300SLR	33,910 (74,760) 0.49 (6.96)
Double grouser	700 (28")	HX300SHW	33,440 (73,720) 0.48 (6.87)
		HX300SHW	34,000 (74,960) 0.56 (7.96)

AIR CONDITIONING SYSTEM	
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1,430) The system hold 0.8 kg refrigerant consisting of a CO <sub>2</sub> equivalent 1.14 kg metric tonne. For more information, Please refer to the manual.	

HX300SL

# BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS					
All buckets are welded with high-strength steel.					

					
SAE heaped m³ (yd³)	⊙ 1.27 (1.66) ⊙ 1.51 (1.98) ⊙ 1.75 (2.29) ⊙ 1.85 (2.42)	◆ 1.23 (1.61) ◆ 1.47 (1.92)	◆ 1.20 (1.57) ◆ 1.45 (1.90)	◆ 1.57 (2.05)	★ 0.52 (0.68)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm (ft.in)					
SAE heaped	CECE heaped	Without side cutters	With side cutters			6,245 (20' 6") Boom					10,200 (33' 6") Boom
						2,100 (6' 11") Arm	2,500 (8' 2") Arm	2,850 (9' 4") Arm	3,100 (10' 2") Arm	3,750 (12' 4") Arm	7,850 (25' 9") Arm
⊙ 1.27 (1.66)	1.10 (1.44)	1,280 (50.4")	1,440 (56.7")	1,090 (2,400)	5	●	●	●	◐	◐	-
⊙ 1.51 (1.98)	1.30 (1.70)	1,490 (58.7")	1,650 (65.0")	1,215 (2,680)	6	●	◐	◐	■	▲	-
⊙ 1.75 (2.29)	1.50 (1.96)	1,700 (66.9")	1,860 (73.2")	1,315 (2,900)	6	◐	■	■	▲	▲	-
⊙ 1.85 (2.42)	1.61 (2.11)	1,590 (62.6")	1,785 (70.3")	1,325 (2,920)	6	■	■	▲	▲	×	-
◆ 1.23 (1.61)	1.10 (1.44)	1,205 (47.4")	1,260 (49.6")	1,085 (2,390)	5	●	●	●	●	◐	-
◆ 1.47 (1.92)	1.32 (1.73)	1,405 (55.3")	1,460 (57.5")	1,185 (2,610)	5	●	◐	◐	■	■	-
◆ 1.20 (1.57)	1.08 (1.41)	1,180 (46.5")	1,240 (48.8")	1,380 (3,040)	5	●	●	●	◐	-	-
◆ 1.45 (1.90)	1.29 (1.69)	1,380 (54.3")	1,440 (56.7")	1,505 (3,320)	5	◐	◐	■	■	-	-
◆ 1.57 (2.05)	1.40 (1.83)	1,480 (58.3")	1,540 (60.6")	1,565 (3,450)	5	◐	■	■	■	-	-
★ 0.52 (0.68)	0.45 (0.59)	870 (34.3")	1,020 (40.2")	455 (1,000)	5	-	-	-	-	-	◐

- ⊙ General Purpose  
◆ Heavy duty bucket  
◆ Rock-Heavy duty bucket  
★ Long reach bucket
- : Applicable for materials with density of 2,100 kg/m³ (3,500 lb/yd³) or less  
● : Applicable for materials with density of 1,800 kg/m³ (3,000 lb/yd³) or less  
■ : Applicable for materials with density of 1,500 kg/m³ (2,500 lb/yd³) or less  
▲ : Applicable for materials with density of 1,200 kg/m³ (2,000 lb/yd³) or less  
- : Not Recommended

ATTACHMENT	
Booms and arms are of all-welded, low-stress, full-box section design. 6.245 mm (20' 6"), 10.200 mm (33' 6") Booms and 2,100 mm (6' 11"), 2,500 mm (8' 2"), 2,850 mm (9' 4"), 3,100mm (10' 2"), 3,750mm (12' 4"), 7,850 mm (25' 9") Arms are available, Hyundai Bucket are all-welded, high-strength steel implements.	

DIGGING FORCE							
Boom	Length	mm (ft.in)	6,245 (20' 6")				10,200 (33' 6")
	Weight	kg (lb)	2,780 (6,130)				3,530 (7,780)
Arm	Length	mm (ft.in)	2,100 (6' 11")	2,500 (8' 2")	3,100 (10' 2")	3,750 (12' 4")	7,850 (25' 9")
	Weight	kg (lb)	1,305 (2,880)	1,490 (3,280)	1,550 (3,420)	1,725 (3,800)	1,685 (3,710)
Bucket Digging Force	SAE	kN	163.5 [177.5]	163.5 [177.5]	163.5 [177.5]	163.6 [177.6]	70.6 [76.7]
		kgf	16,670 [18,100]	16,670 [18,100]	16,670 [18,100]	16,680 [18,110]	7,200 [7,820]
		lbf	36,750 [39,900]	36,750 [39,900]	36,750 [39,900]	36,770 [39,930]	15,870 [17,240]
	ISO	kN	189.9 [206.1]	189.9 [206.1]	189.9 [206.1]	190.0 [206.2]	82.4 [89.4]
		kgf	19,360 [21,020]	19,360 [21,020]	19,360 [21,020]	19,370 [21,030]	8,400 [9,120]
		lbf	42,680 [46,340]	42,680 [46,340]	42,680 [46,340]	42,700 [46,360]	18,520 [20,110]
Arm Crowd Force	SAE	kN	176.0 [191.1]	151.0 [164.0]	125.0 [135.7]	111.5 [121.0]	47.1 [51.1]
		kgf	17,950 [19,490]	15,400 [16,720]	12,750 [13,840]	11,370 [12,340]	4,800 [5,210]
		lbf	39,570 [42,970]	33,950 [36,860]	28,110 [30,510]	25,070 [27,210]	10,580 [11,490]
	ISO	kN	185.9 [201.9]	158.5 [172.1]	130.3 [141.5]	115.6 [125.5]	48.1 [52.2]
		kgf	18,960 [20,590]	16,160 [17,550]	13,290 [14,430]	11,790 [12,800]	4,900 [5,320]
		lbf	41,800 [45,390]	35,630 [38,690]	29,300 [31,810]	25,990 [28,220]	10,800 [11,730]

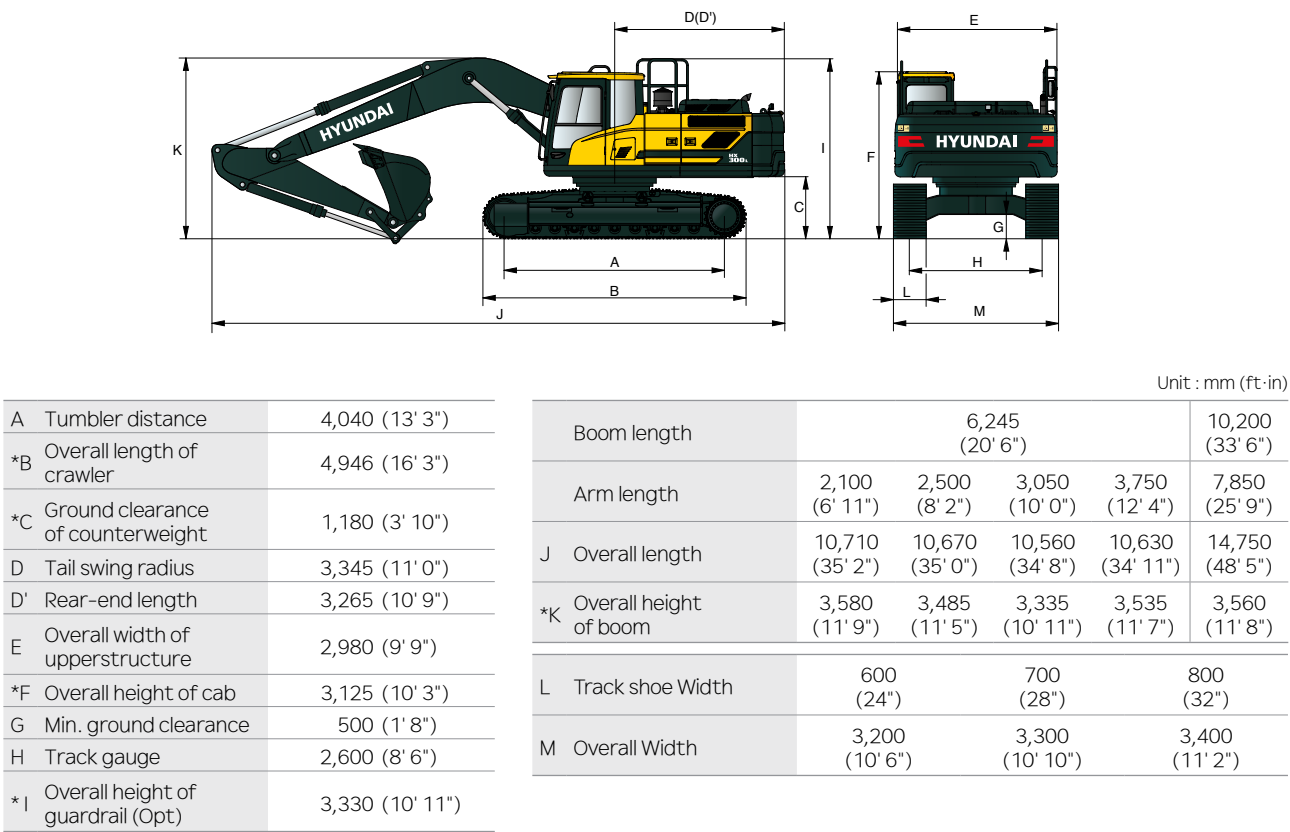
Note : Boom weight includes arm cylinder, piping, and pin  
Arm weight includes bucket cylinder, linkage, and pin

HX300SL

# DIMENSIONS & WORKING RANGE

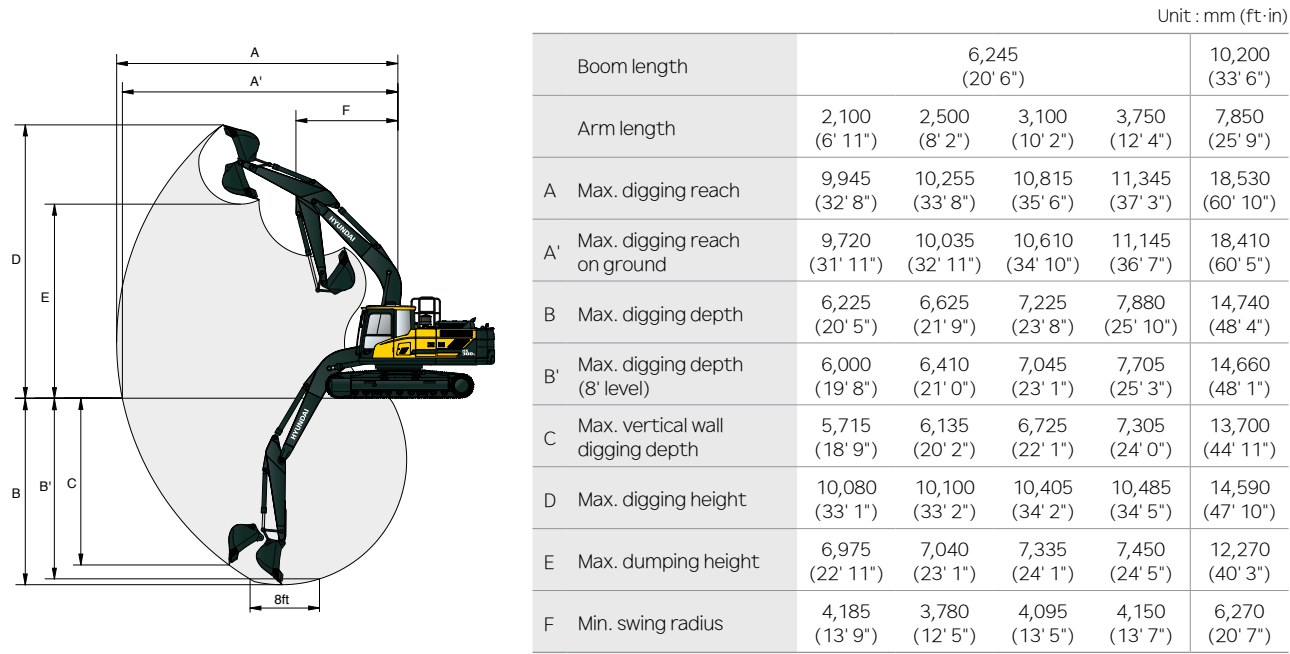
HX300S L DIMENSIONS

6.245 m (20' 6"), 10.2 m (33' 6") BOOM and 2.1 m (6' 11"), 2.5 m (8' 2"), 3.10 m (10' 2"), 3.75 m (12' 4"), 7.85m (25' 9") ARM



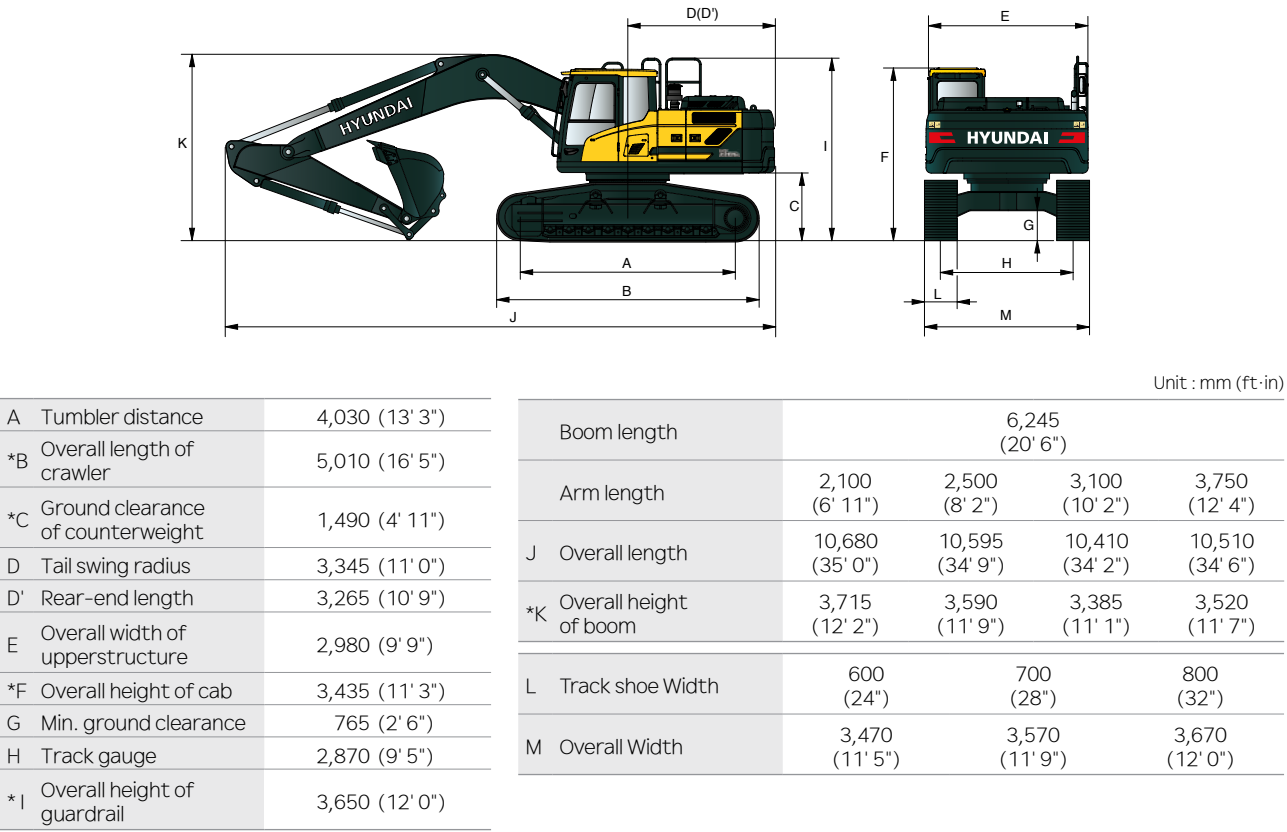
\* This figure includes the size of grouser.

HX300S L WORKING RANGE



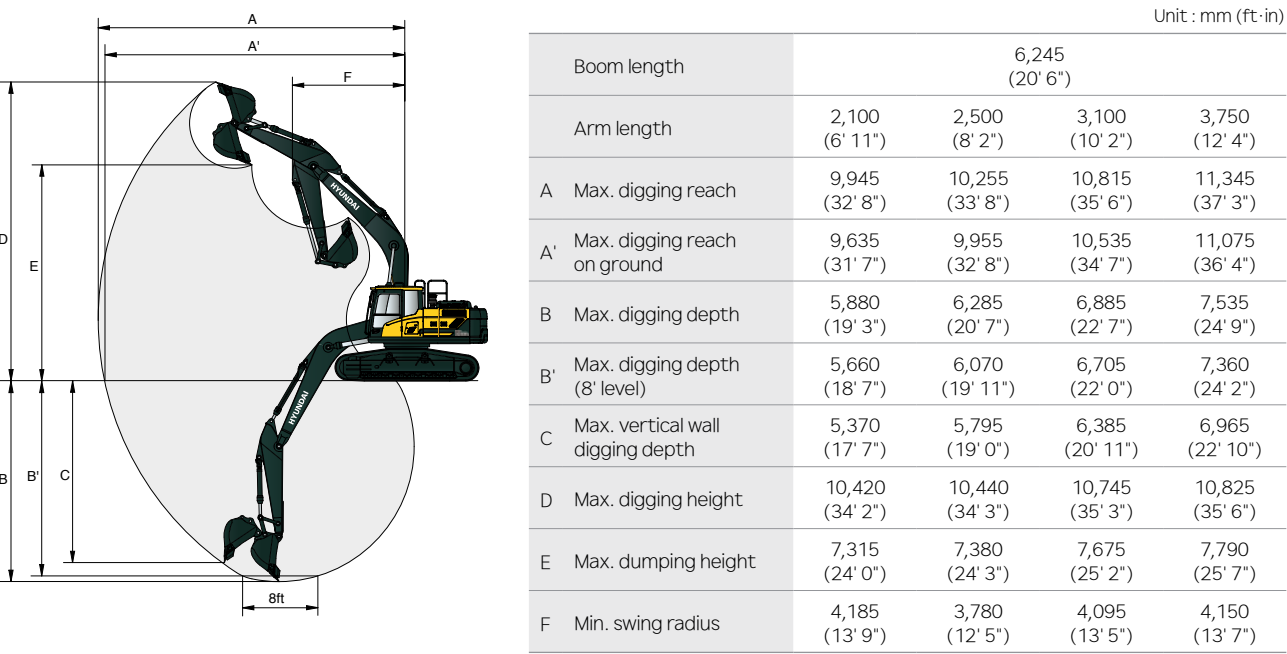
HX300S HW DIMENSIONS

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



\* This figure includes the size of grouser.

HX300S HW WORKING RANGE















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LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

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











6.245 m (20' 6") boom, 2.10 m (6' 11") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Lift point height m (ft)		Lift radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg					*7,600	*7,600			*7,720	7,590	6.27
24.6ft	lb					*16,760	*16,760			*17,020	16,730	(20.6)
6.0m	kg					*7,840	*7,840			*7,680	5,820	7.33
19.7ft	lb					*17,280	*17,280			*16,930	12,830	(24.0)
4.5m	kg					*8,890	7,730	*7,890	5,510	*7,810	5,000	7.96
14.8ft	lb					*19,600	17,040	*17,390	12,150	*17,220	11,020	(26.1)
3.0m	kg					*10,230	7,330	8,450	5,330	7,260	4,600	8.28
9.8ft	lb					*22,550	16,160	18,630	11,750	16,010	10,140	(27.2)
1.5m	kg					*11,340	7,020	8,270	5,170	7,120	4,480	8.31
4.9ft	lb					*25,000	15,480	18,230	11,400	15,700	9,880	(27.3)
0.0m	kg					11,390	6,860	8,170	5,080	7,380	4,620	8.06
0.0ft	lb					25,110	15,120	18,010	11,200	16,270	10,190	(26.4)
-1.5m	kg			*15,680	10,430	11,370	6,850			8,200	5,110	7.49
-4.9ft	lb			*34,570	22,990	25,070	15,100			18,080	11,270	(24.6)
-3.0m	kg	*18,840	*18,840	*14,240	10,620	*10,750	6,990			*9,550	6,250	6.54
-9.8ft	lb	*41,540	*41,540	*31,390	23,410	*23,700	15,410			*21,050	13,780	(21.4)
-4.5m	kg			*10,850	*10,850					*9,590	*9,590	4.96
-14.8ft	lb			*23,920	*23,920					*21,140	*21,140	(16.3)

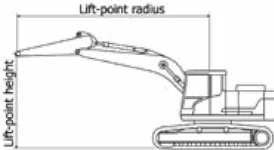
6.245 m (20' 6") boom, 2.50 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Lift point height m (ft)		Lift radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg					*6,850	*6,850			*7,060	6,870	6.68
24.6ft	lb					*15,100	*15,100			*15,560	15,150	(21.9)
6.0m	kg					*7,240	*7,240	*7,060	5,610	*7,090	5,380	7.68
19.7ft	lb					*15,960	*15,960	*15,560	12,370	*15,630	11,860	(25.2)
4.5m	kg			*10,470	*10,470	*8,320	7,730	*7,410	5,480	*7,260	4,650	8.29
14.8ft	lb			*23,080	*23,080	*18,340	17,040	*16,340	12,080	*16,010	10,250	(27.2)
3.0m	kg			*13,530	10,970	*9,700	7,300	*8,070	5,280	6,800	4,290	8.59
9.8ft	lb			*29,830	24,180	*21,380	16,090	*17,790	11,640	14,990	9,460	(28.2)
1.5m	kg					*10,920	6,940	8,190	5,090	6,660	4,170	8.62
4.9ft	lb					*24,070	15,300	18,060	11,220	14,680	9,190	(28.3)
0.0m	kg			*16,100	10,180	11,270	6,740	8,060	4,970	6,880	4,280	8.38
0.0ft	lb			*35,490	22,440	24,850	14,860	17,770	10,960	15,170	9,440	(27.5)
-1.5m	kg	*10,830	*10,830	*15,790	10,190	11,210	6,690	8,030	4,950	7,560	4,680	7.84
-4.9ft	lb	*23,880	*23,880	*34,810	22,470	24,710	14,750	17,700	10,910	16,670	10,320	(25.7)
-3.0m	kg	*20,070	*20,070	*14,630	10,360	*11,020	6,790			9,140	5,610	6.93
-9.8ft	lb	*44,250	*44,250	*32,250	22,840	*24,290	14,970			20,150	12,370	(22.7)
-4.5m	kg	*16,260	*16,260	*11,980	10,730					*9,570	8,090	5.47
-14.8ft	lb	*35,850	*35,850	*26,410	23,660					*21,100	17,840	(17.9)

6.245 m (20' 6") boom, 3.10 m (10' 2") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Lift point height m (ft)		Lift radius										At max. reach				
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity	Reach	
														m (ft)		
7.5m	kg													*5,100	*5,100	7.39
24.6ft	lb													*11,240	*11,240	(24.3)
6.0m	kg							*6,460	*6,460	*6,340	5,720			*4,910	4,780	8.31
19.7ft	lb							*14,240	*14,240	*13,980	12,610			*10,820	10,540	(27.3)
4.5m	kg					*9,190	*9,190	*7,590	*7,590	*6,850	5,560			*4,930	4,200	8.87
14.8ft	lb					*20,260	*20,260	*16,730	*16,730	*15,100	12,260			*10,870	9,260	(29.1)
3.0m	kg					*12,250	11,310	*9,040	7,420	*7,600	5,330	*6,240	4,000	*5,110	3,890	9.15
9.8ft	lb					*27,010	24,930	*19,930	16,360	*16,760	11,750	*13,760	8,820	*11,270	8,580	(30.0)
1.5m	kg					*14,720	10,530	*10,420	7,010	8,220	5,110	6,240	3,900	*5,480	3,790	9.18
4.9ft	lb					*32,450	23,210	*22,970	15,450	18,120	11,270	13,760	8,600	*12,080	8,360	(30.1)
0.0m	kg					*15,870	10,190	11,290	6,750	8,040	4,950			*6,120	3,860	8.95
0.0ft	lb					*34,990	22,470	24,890	14,880	17,730	10,910			*13,490	8,510	(29.4)
-1.5m	kg	*7,050	*7,050	*10,400	*10,400	*15,990	10,110	11,160	6,640	7,970	4,880			6,720	4,160	8.45
-4.9ft	lb	*15,540	*15,540	*22,930	*22,930	*35,250	22,290	24,600	14,640	17,570	10,760			14,820	9,170	(27.7)
-3.0m	kg	*12,200	*12,200	*16,800	*16,800	*15,240	10,210	11,200	6,670	8,030	4,940			7,860	4,840	7.62
-9.8ft	lb	*26,900	*26,900	*37,040	*37,040	*33,600	22,510	24,690	14,700	17,700	10,890			17,330	10,670	(25.0)
-4.5m	kg			*18,600	*18,600	*13,310	10,490	*9,770	6,890					*9,020	6,430	6.33
-14.8ft	lb			*41,010	*41,010	*29,340	23,130	*21,540	15,190					*19,890	14,180	(20.8)













- 1 | Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- 4 | (\*) indicates load limited by hydraulic capacity.



 Rating over-front  Rating over-side or 360 degree

HX300S L

6.245 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.













Lift point height m (ft)		Lift radius										At max. reach						
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		7.5m (24.6 ft)		9.0m (29.5 ft)		Capacity	Reach			
														m (ft)				
9.0m	kg													*4,560	*4,560	6.76		
29.5ft	lb													*10,050	*10,050	(22.2)		
7.5m	kg									*5,430	*5,430			*4,210	*4,210	8.04		
24.6ft	lb									*11,970	*11,970			*9,280	*9,280	(26.4)		
6.0m	kg									*5,590	*5,590			*4,090	*4,090	8.89		
19.7ft	lb									*12,320	*12,320			*9,020	*9,020	(29.2)		
4.5m	kg							*6,690	*6,690	*6,170	5,610	*5,660	4,120	*4,130	3,800	9.42		
14.8ft	lb							*14,750	*14,750	*13,600	12,370	*12,480	9,080	*9,110	8,380	(30.9)		
3.0m	kg					*10,750	*10,750	*8,190	7,520	*6,990	5,350	6,360	4,000	*4,290	3,530	9.68		
9.8ft	lb					*23,700	*23,700	*18,060	16,580	*15,410	11,790	14,020	8,820	*9,460	7,780	(31.8)		
1.5m	kg					*13,550	10,670	*9,700	7,040	*7,850	5,090	6,210	3,860	*4,600	3,420	9.71		
4.9ft	lb					*29,870	23,520	*21,380	15,520	*17,310	11,220	13,690	8,510	*10,140	7,540	(31.9)		
0.0m	kg					*6,600	*6,600	*15,230	10,140	*10,860	6,700	7,990	4,890	6,090	3,750	*5,120	3,470	9.50
0.0ft	lb					*14,550	*14,550	*33,580	22,350	*23,940	14,770	17,610	10,780	13,430	8,270	*11,290	7,650	(31.2)
-1.5m	kg	*6,790	*6,790	*10,200	*10,200	*15,840	9,940	11,050	6,520	7,860	4,770	6,040	3,710	*5,990	3,690	9.03		
-4.9ft	lb	*14,970	*14,970	*22,490	*22,490	*34,920	21,910	24,360	14,370	17,330	10,520	13,320	8,180	*13,210	8,140	(29.6)		
-3.0m	kg	*10,680	*10,680	*14,930	*14,930	*15,540	9,960	11,020	6,500	7,850	4,760			6,860	4,200	8.25		
-9.8ft	lb	*23,550	*23,550	*32,910	*32,910	*34,260	21,960	24,290	14,330	17,310	10,490			15,120	9,260	(27.1)		
-4.5m	kg	*15,430	*15,430	*20,490	*20,490	*14,220	10,170	*10,560	6,630					*8,510	5,300	7.08		
-14.8ft	lb	*34,020	*34,020	*45,170	*45,170	*31,350	22,420	*23,280	14,620					*18,760	11,680	(23.2)		
-6.0m	kg					*11,010	10,630							*9,190	8,510	5.23		
-19.7ft	lb					*24,270	23,440							*20,260	18,760	(17.2)		



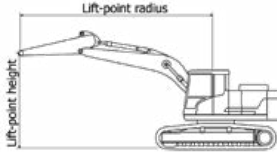
HX300SL

LIFTING CAPACITY

 Rating over-front    Rating over-side or 360 degree

HX300S LR																							
10.2 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 800 mm (31") triple grouser shoe and 7,000 kg counter weight.																							
Lift point height m (ft)	Lift radius												At max. reach										
	1.5 m (4.9 ft)	3.0 m (9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	9.0 m (29.5 ft)	10.5 m (34.4 ft)	12.0 m (39.4 ft)	13.5 m (44.3 ft)	15.0 m (49.2 ft)	16.5 m (54.1 ft)	Capacity	Reach m (ft)										
																							
13.5m kg 44.3ft lb												*750 *1,650	*750 *1,650	12.91 (42.4)									
12.0m kg 39.4ft lb									*1,000 *2,200	*1,000 *2,200		*690 *1,520	*690 *1,520	14.11 (46.3)									
10.5m kg 34.4ft lb									*1,300 *2,870	*1,300 *2,870	*700 *1,540	*700 *1,540	*660 *1,460	15.06 (49.4)									
9.0m kg 29.5ft lb									*1,480 *3,260	*1,480 *3,260	*1,090 *2,400	*1,090 *2,400	*650 *1,430	15.82 (51.9)									
7.5m kg 24.6ft lb									*1,650 *3,640	*1,650 *3,640	*1,340 *2,950	*1,340 *2,950	*640 *1,410	16.40 (53.8)									
6.0m kg 19.7ft lb								*2,010 *4,430	*1,850 *4,080	*1,850 *4,080	*1,540 *3,400	*1,540 *3,400	*890 *1,960	*650 *1,430	16.83 (55.2)								
4.5m kg 14.8ft lb							*2,570 *5,670	*2,570 *5,220	*2,370 *4,670	*2,120 *3,860	*2,120 *2,450	*1,750 *1,480	*1,110 *1,480	*670 *1,480	17.11 (56.1)								
3.0m kg 9.8ft lb			*8,050 *17,750	*8,050	*4,570 *10,080	*4,570 *10,080	*3,880 *8,550	*3,880 *8,550	*3,430 *7,560	*2,910 *6,420	*2,910 *5,420	*2,460 *5,420	*1,970 *4,340	*1,270 *2,800	*700 *1,540	17.25 (56.6)							
1.5m kg 4.9ft lb			*4,070 *8,970	*4,070 *8,970	*7,170 *15,810	*7,170 *15,810	*5,470 *12,060	*5,470 *12,060	*4,490 *9,900	4,450 9,810	*3,860 *8,510	3,550 7,830	*3,440 *7,580	2,870 6,330	*2,900 *6,390	2,360 5,200	1,950 *4,870	1,380 *3,040	*1,380 *1,650	*750 *1,650	17.27 (56.7)		
0.0m kg 0.0ft lb		*1,230 *2,710	*1,230 *2,710	*3,010 *6,640	*3,010 *6,640	*7,180 *15,830	7,030 15,500	*6,260 *13,800	5,270 11,620	*5,050 *11,130	4,130 9,110	*4,270 *9,410	3,320 7,320	*3,740 *8,250	2,710 5,970	*3,360 *7,410	2,240 4,940	*2,440 *5,380	1,860 4,100	*1,410 *3,110	*1,410 *1,790	17.15 (56.3)	
-1.5m kg -4.9ft lb	*1,280 *2,820	*1,280 *2,820	*1,770 *3,900	*1,770 *3,900	*3,090 *6,810	*3,090 *6,810	*5,900 *13,010	*5,900 *13,010	*6,890 *15,190	4,920 10,850	*5,520 *12,170	3,870 8,530	*4,630 *10,210	3,130 6,900	*4,010 *8,840	2,570 5,670	*3,570 *7,870	2,140 4,720	*2,610 *5,750	1,790 3,950	*1,320 *2,910	*1,320 *1,960	16.90 (55.4)
-3.0m kg -9.8ft lb	*1,920 *4,230	*1,920 *4,230	*2,410 *5,310	*2,410 *5,310	*3,550 *7,830	*3,550 *7,830	*5,840 *12,870	*5,840 *12,870	*7,330 *16,160	4,700 10,360	*5,890 *12,990	3,690 8,140	*4,920 *10,850	2,980 6,570	*4,170 *9,190	2,460 5,420	3,520 7,760	2,060 4,540	*2,630 *5,800	1,740 3,840	*1,000 *2,200	*1,000 *2,200	16.50 (54.1)
-4.5m kg -14.8ft lb	*2,570 *5,670	*2,570 *5,670	*3,100 *6,830	*3,100 *6,830	*4,190 *9,240	*4,190 *9,240	*6,310 *13,910	6,230 13,730	*7,600 *16,760	4,580 10,100	6,110 13,470	3,570 7,870	4,930 10,870	2,890 6,370	4,090 9,020	2,390 5,270	3,470 7,650	2,010 4,430	*2,390 *5,270	1,710 3,770			15.96 (52.3)
-6.0m kg -19.7ft lb	*3,270 *7,210	*3,270 *7,210	*3,860 *8,510	*3,860 *8,510	*5,000 *11,020	*5,000 *11,020	*7,130 *15,720	6,220 13,710	*7,700 *16,980	4,530 9,990	6,060 13,360	3,520 7,760	4,880 10,760	2,840 6,260	4,060 8,950	2,360 5,200	3,450 7,610	1,990 4,390	*1,720 *3,790	1,710 3,770			15.24 (50.0)
-7.5m kg -24.6ft lb	*4,020 *8,860	*4,020 *8,860	*4,710 *10,380	*4,710 *10,380	*5,970 *13,160	*5,970 *13,160	*8,300 *18,300	6,290 13,870	*7,620 *16,800	4,560 10,050	6,070 13,380	3,530 7,780	4,890 10,780	2,850 6,280	4,070 8,970	2,360 5,200	*3,260 *7,190	2,010 4,430					14.33 (47.0)
-9.0m kg -29.5ft lb	*4,850 *10,690	*4,850 *10,690	*5,690 *12,540	*5,690 *12,540	*7,170 *15,810	*7,170 *15,810	*9,220 *20,330	6,440 14,200	*7,350 *16,200	4,650 10,250	*6,040 *13,320	3,600 7,940	4,950 10,910	2,900 6,390	4,130 9,110	2,420 5,340							13.19 (43.3)
-10.5m kg -34.4ft lb	*5,790 *12,760	*5,790 *12,760	*6,860 *15,120	*6,860 *15,120	*8,720 *19,220	*8,720 *19,220	*8,490 *18,720	6,660 14,680	*6,820 *15,040	4,810 10,600	*5,610 *12,370	3,730 8,220	*4,650 *10,250	3,020 6,660									11.74 (38.5)
-12.0m kg -39.4ft lb		*8,320 *18,340	*8,320 *18,340	*9,440 *20,810	*9,440 *20,810	*7,340 *16,180	6,990 15,410	*5,900 *13,010	5,070 11,180	*4,770 *10,520	3,950 8,710												9.85 (32.3)

- 1 | Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- 4 | (\*) indicates load limited by hydraulic capacity.



HX300SL

STANDARD / OPTION

ENGINE		
Hyundai HM8.3 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		○
CAB & INTERIOR		
ISO Standard Cabin		
Rise-up type windshield wiper		●
Radio / USB player		●
Handsfree mobile phone system with USB		●
12 V power outlet (24 V DC to 12 V 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		●
Sun visor		●
Door and cab locks, one key		●
Pilot-operated slidable joystick		●
Cabin lights		○
Cabin front window rain guard		○
Cabin roof-steel cover		●
Automatic Climate Control		
Air conditioner & Heater		●
Defroster		●
Starting aid (air grid heater) for cold weather		●
Centralized Monitoring		
8" LCD display - Normal type		●
8" LCD display - Premium type		○
Engine speed or trip meter / Accel		●
Engine coolant temperature gauge		●
Max power		●
Low speed / High speed		●
Auto idle		●
Overload warning with alarm		○
Check engine		●
Air cleaner clogging		●
Indicators		●
ECO gauges		●
Fuel level gauge		●
Hyd. oil temperature gauge		●
Warnings		●
Communication error		●
Low battery		●
Clock		●
Seat		
Mechanical suspension without heater		●
Mechanical suspension with heater		○
Adjustable air suspension without heater		○
Adjustable air suspension with heater		○
Cabin FOPS/FOG		
FOPS (Falling object protective structures)		○
ISO 10262 Level 2		
FOG (Falling object guard)	Front & Tops guard	○
ISO/DIS 10262 Level 2	Top guard	○
Cabin ROPS		
ROPS (Roll over protective structures) · ISO 12117-2		○

SAFETY	
Battery master switch	●
Rearview camera	○
AAVM (Advanced around view monitoring)	○
Four front working lights (2 boom mounted, 2 front frame mounted)	●
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	○
Two outside rearview mirror	●
ATTACHMENT	
Booms	
6.245 m, 20' 6" Mono	●
6.245 m, 20' 6" Mono (HD)	-
10.20 m, 33' 6" Long Reach	○
Arms	
2.10 m, 6' 11"	○
2.5 m, 8' 2"	○
3.10 m, 10' 2"	●
3.10 m, 10' 2" (HD)	-
3.75 m, 12' 4"	○
7.85 m, 25' 9" Long Reach	○
OTHERS	
Removable clean-out dust net for cooler	●
Removable washer tank	●
Fuel pre-filter	●
Fuel warmer	○
Self-diagnostics system	●
HiMATE (Remote management system)	○
Batteries (2 × 12 V × 150 AH)	●
Fuel filler pump (50 lpm)	○
Single-acting piping kit (Breaker, etc.)	○
Double-acting piping kit (Clamshell, etc.)	○
Rotating piping kit	○
Quick coupler piping	○
Quick coupler	○
Accumulator for lowering work equipment	●
Pattern change valve (4 patterns)	○
Fine swing control system	○
General type guardrail	○
Tool kit	○
UNDERCARRIAGE	
Lower frame under cover (Additional)	●
Lower frame under cover (Normal)	●
Track Shoes	
Double grouser shoe (700 mm, 28")	○
Triple grouser shoe (600 mm, 24")	●
Triple grouser shoe (700 mm, 28")	●
Triple grouser shoe (800 mm, 32")	●
● : Standard ○ : Option - : Not available	

\* 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.