

# HX300SG

## STANDARD / OPTION

ENGINE	STD	OPT
Hyundai HE6.7 Engine	●	
<b>HYDRAULIC SYSTEM</b>		
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Engine auto idle	●	
<b>CAB &amp; INTERIOR</b>		
<b>ISO STANDARD CABIN</b>		
Rise-up type windshield wiper	●	
Radio / USB player		●
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Sliding fold-in front window	●	
Sliding side window(LH)	●	
Lockable door	●	
Storage compartment	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat	●	
Pilot-operated slidable joystick	●	
Cabin lights		●
Cabin roof-steel cover	●	
<b>AUTOMATIC CLIMATE CONTROL</b>		
Air conditioner & heater	●	
Defroster	●	
Starting aid (air grid heater) for cold weather	●	
<b>CENTRALIZED MONITORING</b>		
Engine speed or trip meter / Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Air cleaner clogging	●	
Indicators	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer		●
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
<b>CABIN FOPS (ISO 10262) LEVEL 2</b>		
FOPS (Falling Object Protective Structure)-ISO 10262 Level 2	Front & Tops guard	●

SAFETY	STD	OPT
Battery master switch	●	
Two front working lights (1 boom mounted, 1 front frame mounted)	●	
Travel alarm		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	
Wire net guard		●
<b>ATTACHMENT</b>		
<b>BOOMS</b>		
5.70m, 18' 8" Mono	●	
5.70m, 18' 8" Heavy Duty		●
8.50m, 27' 11" Long Reach		●
<b>ARMS</b>		
2.00m, 6' 7"		●
2.40m, 7' 10"		●
2.90m, 9' 6"	●	
2.90m, 9' 6" Heavy Duty		●
6.20m, 20' 4"		●
<b>OTHERS</b>		
Pre-Cleaner		●
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 12V x 100 AH)	●	
Fuel filler pump (35 L/min)		●
Single-acting piping kit (breaker, etc.)		●
Accumulator for lowering work equipment	●	
Tool kit		●
<b>COUNTERWEIGHT</b>		
3.6 ton CWT	●	
4.2 ton CWT		●
5.3 ton CWT		●
<b>UNDERCARRIAGE</b>		
Lower frame under cover (additional)		●
Lower frame under cover (normal)	●	
<b>TRACK SHOES</b>		
Triple grousers shoes (600mm, 24")	●	
Triple grousers shoe (700mm, 28")		●
Triple grousers shoe (800mm, 32")		●
Track rail guard	●	

\* 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.



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PLEASE CONTACT

# HX300SG

## Crawler Excavators



**Gross Power**  
 227 HP(169 kW) at 1,900 rpm

**Net Power**  
 197 HP(147 kW) at 1,900 rpm

**Bucket Capacity**  
 1.27 m<sup>3</sup> (1.66 yd<sup>3</sup>)

**Operating Weight**  
 29,540 kg (65,120 lb)

# HYUNDAI

# WHAT'S NEWEST AND BEST

HX300SG

## SUPERIOR PERFORMANCE

- New Variable Power Control
- Hyundai HE6.7 Engine
- Reinforced Bucket and Bucket Linkage
- Powerful and Preciser Swing Control
- Strong and Stable Lower Frame
- Minimization of Shock and Vibration through Cab Mounting System

## COMFORTABLE OPERATION

- Improved Intelligent Display
- Smooth Travel Pedal and Foot Rests
- Easy-to-Reach Control Panels
- Wide Cab with Excellent Visibility
- Highly Sensitive Joystick and Easy Entrance
- Wide, Comfortable Operating Space

## SERVICEABILITY AND EASY MAINTENANCE

- Easy to Maintain Engine Components
- Centralized Electric Control Box and Easy Change Air Cleaner Assembly
- Side Cover with Left & Right Swing Open Type
- Large tool box for extra storage
- Highly efficient Hydraulic Pump
- Hi MATE (Remote Management System) **Option**



# SUPERIOR PERFORMANCE

A new chapter in construction equipment has begun.  
Making the dream a reality.



## A More Reliable Way To Reach You Dream.

The Hyundai HE6.7 Engine has been designed with 40% fewer parts than the competition. The weight of the machine is reduced without sacrificing strength. You get a proven power plant that meets ecological concerns, without paying a premium for technology you don't need.



### BUILT FOR MAXIMUM POWER, PERFORMANCE, RELIABILITY.

#### Hyundai HE6.7 Engine

The six cylinders, turbo-charged, 4 cycle, charger air cooled engine is built for power, reliability, economy and low emissions.



### Reinforced Bucket and Bucket Linkage

Sealed and adjustable bucket linkage provides less wear of pins and bushes as well as silent operation. The design includes bucket link durability and anti wear characteristics. Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral plate.



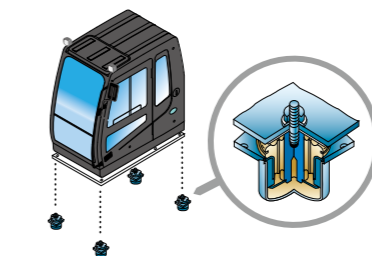
### Powerful and Preciser Swing Control

Improved shock absorbing characteristics make stopping a precise and smooth action.



### Strong and Stable Lower Frame

Reinforced box-section frame welded, low-stress, high-strength steel. guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards.



### Minimization of Shock and Vibration through Cab Mounting System

The application of Viscous Mounting to the cabin support provides the operator with a much improved ride. The operator work efficiency will increase as the shock and noise level in the cabin decreases.

### Wide Cab with Excellent Visibility



The cab is roomy and ergonomically designed with low noise level and good visibility. A full view front window and large rear and side windows provide excellent visibility in all directions.

### Highly Sensitive Joystick and Easy Entrance



New joystick grips for precise control have been equipped with double switches.  
- Left: One touch deceleration  
- Right: Horn / Optional

### Wide, Comfortable Operating Space



All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.

## OPERATOR'S COMFORT FOREMOST. WIDE CAB EXCEEDS INDUSTRY STANDARDS.

### A Improved Intelligent Display



Instrument Panel is installed in front of RH console box. It is easy to check all critical systems with easy-to-read indicators.

### B Smooth Travel Pedal and Foot Rests



### C Easy-to-Reach Control Panels



Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control with less operator fatigue.



# COMFORTABLE OPERATION

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.

# SERVICEABILITY AND EASY MAINTENANCE

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.



## Hi MATE

Option

### IT'S CONVENIENT, EASY AND VALUABLE

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

### WHAT IS BENEFITS



#### Increase Productivity

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



#### Convenient and Easy Monitoring

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



#### Security

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



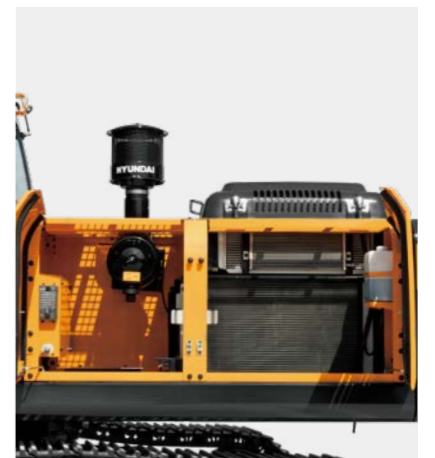
#### Easy to Maintain Engine Components

The cooling system is provided for optimum operation, guaranteeing longer life for the engine and hydraulic components. Servicing of the engine and hydraulics is considerably simplified due to total accessibility.



#### Centralized Electric Control Box and Easy Change Air Cleaner Assembly

Electric control box and Air cleaner are centralized in one or the same compartment for easy service.

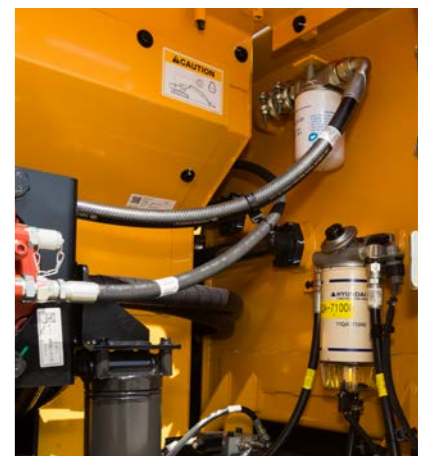


#### Side Cover with Left & Right Swing Open Type

Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.



#### Large Tool Box For Extra Storage



#### Ground Level Service & Easy To Access

# HX300SG SPECIFICATIONS

## ENGINE

Maker / Model	HYUNDAI HE6.7		
Type	Watercooled, 4 cycle Diesel, 6 Cylinders in line Direct injection, Turbo charged, charger air cooled and low emission		
Rated Flywheel Horse Power	SAE	J1995 (gross)	227 HP (169 kW) at 1,900 rpm
		J1349 (net)	197 HP (147 kW) at 1,900 rpm
DIN		6271/1 (gross)	230 PS (169 kW) at 1,900 rpm
		6271/1 (net)	200 PS (147 kW) at 1,900 rpm
Max. Torque	97kgf-m (702 lbf-ft) at 1400 rpm		
Bore X Stroke	107 x 124 mm (4.2" x 4.9")		
Piston Displacement	6,700 cc (409 cu in)		
Batteries	2 x 12V x 150AH		
Starting Motor	24V, 4.8kW		
Alternator	24 V, 90 Amp		

## HYDRAULIC SYSTEM

MAIN PUMP	
Type	Two speed axial piston motor with brake valve and parking brake
Max. Flow	2x266 l/min (2x70.3 U.S gpm / 2x58.5 U.K gpm)
Sub-Pump for Pilot Circuit	Gear pump
Cross-sensing and fuel saving pump system	

## HYDRAULIC MOTORS

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

## RELIEF VALVE SETTING

Implement Circuits	330 kgf/cm <sup>2</sup> (4,690 psi)
Travel	350 kgf/cm <sup>2</sup> (4,978 psi)
Power boost (boom, arm, bucket)	360 kgf/cm <sup>2</sup> (5,120 psi)
Swing Circuit	300 kgf/cm <sup>2</sup> (4,267 psi)
Pilot Circuit	40 kgf/cm <sup>2</sup> (569 psi)
Service Valve	Installed

## HYDRAULIC CYLINDERS

No. of Cylinder	Boom: 2-140 x 1,465 mm (5.5" x 57.7")
Bore X Stroke	Arm: 1-150 x 1,765 mm (5.9" x 69.5") Bucket: 1-140x 1,185 mm (5.5" x46.7")

## SWING SYSTEM

Swing Motor	Axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	11.1 rpm

## DRIVES & BRAKES

Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	25,800 kgf (56,880 lbf)
Max. Travel Speed (high / low)	5.7 km/hr (3.5 mph) / 3.2 km/hr (2.0 mph)
Gradeability	35° (70 %)
Parking Brake	Multi wet disc

## CONTROL

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
External Lights	Two lights mounted on the boom one under the battery box

## COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel Tank	480.0	126.8	105.6
Engine Coolant	50.0	13.2	11.0
Engine Oil	3.1	6.1	5.1
Swing Device	11.0	1.8	1.5
Final Drive (Each)	7.8	2.1	1.7
Hydraulic System (Including Tank)	320.0	84.5	70.4
Hydraulic Tank	210.0	55.5	46.2

## UNDERCARRIAGE

X-leg type center frame is integrally welded with reinforced boxsection track frames.

Center Frame	X-leg type
Track Frame	Pentagonal box type
No. of Shoes on Each Side	48
No. of Carrier Rollers on Each Side	2
No. of Track Rollers on Each Side	9
No. of Rail Guards on Each Side	2

## OPERATING WEIGHT (APPROXIMATE)

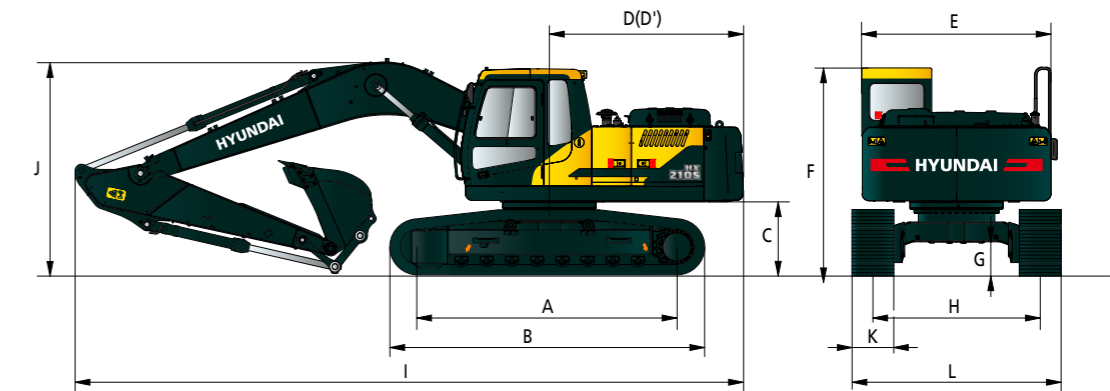
Operating weight, including 6.25 m (20' 6") boom, 3.05 m (10' 0") arm, SAE heaped 1.27 m<sup>3</sup> (1.66 yd<sup>3</sup>) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

## OPERATING WEIGHT

Shoes		Operating Weight	Ground Pressure
Type	Width mm (in)	kg (lb)	kgf/cm <sup>2</sup> (psi)
Triple Grouser	600 (24")	29,540 kg (65,120 lb)	0.57 (8.09)
	700 (28")	30,090 kg (66,337 lb)	0.50 (7.11)
	800 (32")	30,460 kg (67,153 lb)	0.44 (6.26)
Long Reach	800 (32")	32,610 kg (71,893lb)	0.47 (6.68)

# HX300SG DIMENSIONS & WORKING RANGE

## HX300SG DIMENSIONS



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	3,100 (10' 2")
G Min. Ground Clearance	500 (1' 8")
H Track Gauge	2,600 (8' 6")

\* This figure includes the size of grouser.

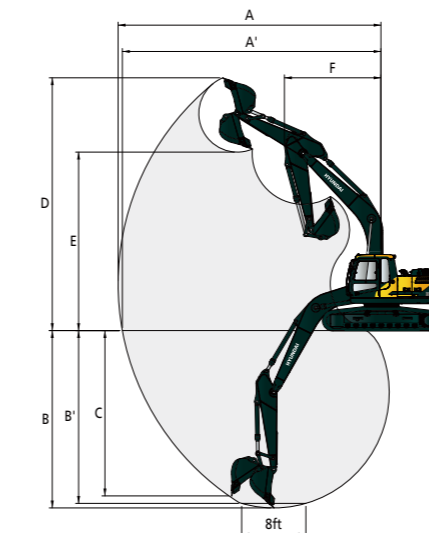
Boom length	*6,250 (20' 6")				10,200 (33' 6")
Arm length	2,100 (6' 11)	2,500 (8' 2")	*3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")
I Overall Length	10,750 (35' 3")	10,700 (35' 1")	10,590 (34' 9")	10,670 (35' 0")	14,550 (47' 9")
J Overall Height of Boom	3,660 (12' 0")	3,520 (11' 7")	3,330 (10' 11")	3,530 (11' 7")	3,550 (11' 8")
K Track Shoe Width	*600 (24")	700 (28")	800 (32")	900 (36")	800 (32")
L Overall Width	3,200 (10' 6")	3,300 (10' 10")	3,400 (11' 2")	3,500 (11' 6")	3,400 (11' 2")

## HX300SG WORKING RANGE

Unit : mm (ft · in)

Boom Length	*6,250 (20' 6")				10,200 (33' 6")
Arm Length	2,100 (6' 11")	2,500 (8' 2")	*3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")
A Max. Digging Reach	10,040 (32' 11")	10,310 (33' 10")	10,810 (35' 6")	11,420 (37' 6")	18,530 (60' 10")
A' Max. Digging Reach on Ground	9,820 (32' 3")	10,100 (33' 2")	10,610 (34' 10")	11,230 (36' 10")	18,410 (60' 5")
B Max. Digging Depth	6,380 (20' 11")	6,780 (22' 3")	7,330 (24' 1")	8,030 (26' 4")	14,740 (48' 4")
B' Max. Digging Depth (8' Level)	6,180 (20' 3")	6,600 (21' 8")	7,170 (23' 6")	7,890 (25' 11")	14,660 (48' 1")
C Max. Vertical Wall Digging Depth	5,910 (19' 5")	5,760 (18' 11")	6,280 (20' 7")	6,990 (22' 11")	13,770 (44' 11")
D Max. Digging Height	10,130 (33' 3")	9,980 (32' 9")	10,200 (33' 6")	10,410 (34' 2")	14,590 (47' 10")
E Max. Dumping Height	6,990 (22' 11")	6,930 (22' 9")	7,150 (23' 5")	7,360 (24' 2")	12,270 (40' 3")
F Min. Swing Radius	4,420 (14' 6")	4,320 (14' 2")	4,270 (14' 0")	4,220 (13' 10")	6,270 (20' 7")

\* Standard equipment



# HX300SG BUCKET SELECTION GUIDE & DIGGING FORCE

## BUCKETS

All buckets are welded with high-strength steel.



SAE heaped m<sup>3</sup> (yd<sup>3</sup>)      ★ 0.52 (0.68)  
1.27 (1.66)

◆ 1.46 (1.91)  
◆ 1.50 (1.96)

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm (ft-in)				
SAE heaped	CECE heaped	Without Side Cutters	With Side Cutters			6,250 (20' 6") Boom				10,200 (33' 6") Boom
					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	
★ 0.52 (0.68)	0.45 (0.59)	945 (37")	1,035 (41")	470 (1,040)	-	-	-	-	●	
1.27 (1.66)	1.11 (1.45)	1,325 (52")	1,410 (56")	1,135 (2,500)	●	●	●	■	-	
◆ 1.46 (1.91)	1.28 (1.67)	1,535 (60")	-	1,395 (3,080)	●	●	■	▲	-	
◆ 1.50 (1.96)	1.30 (1.70)	1,550 (61")	-	1,575 (3,470)	●	■	■	▲	-	

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

● : Applicable for materials with density of 2,100 kg/m<sup>3</sup> (3,500 lb/yd<sup>3</sup>) or less  
● : Applicable for materials with density of 1,800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>) or less  
■ : Applicable for materials with density of 1,500 kg/m<sup>3</sup> (2,500 lb/yd<sup>3</sup>) or less  
▲ : Applicable for materials with density of 1,200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>) or less  
- : Not Recommended

## ATTACHMENT

Booms and arms are of all-welded, low-stress, full-box section design.  
6,250 mm (20' 6"), 10,200 mm (33' 6") Booms and 2,100 mm (6' 11"), 2,500 mm (8' 2"), 3,050mm (10' 0"), 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)	6,250 (20' 6")				10,200 (33' 6")	Remark
	Weight	kg (lb)	2,780 (6,130)				3,530 (7,780)	
Arm	Length	mm (ft.in)	3,050 (10' 0")	2,100 (6' 11")	2,500 (8' 2")	3,750 (12' 4")	7,850 (25' 9")	Remark
	Weight	kg (lb)	1,545 (3,410)	1,345 (2,970)	1,430 (3,150)	1,675 (3,690)	1,685 (3,710)	
Bucket Digging Force	SAE	kN	169 [184]	169 [184]	169 [184]	169 [184]	70 [76]	[]: Power Boost
		kgf	17,200 [18,760]	17,200 [18,760]	17,200 [18,760]	17,200 [18,760]	7,100 [7750]	
		lbf	37,920 [41,370]	37,920 [41,370]	37,920 [41,370]	37,920 [41,370]	15,650 [17,090]	
	ISO	kN	192 [210]	192 [210]	192 [210]	192 [210]	80 [88]	
		kgf	19,600 [21,380]	19,600 [21,380]	19,600 [21,380]	19,600 [21,380]	8,200 [8,950]	
		lbf	43,210 [47,140]	43,210 [47,140]	43,210 [47,140]	43,210 [47,140]	18,080 [19,730]	
Arm Crowd Force	SAE	kN	124 [135]	170 [185]	147 [161]	109 [119]	43 [47]	
		kgf	12,600 [13,750]	17,300 [18,870]	15,000 [16,360]	11,100 [12,110]	4,420 [4,820]	
		lbf	27,780 [30,310]	38,140 [41,610]	33,070 [36,080]	24,470 [26,690]	9,740 [10,630]	
	ISO	kN	129 [140]	178 [194]	154 [168]	112 [122]	44 [48]	
		kgf	13,100 [14,290]	18,100 [19,750]	15,700 [17,130]	11,400 [12,440]	4,500 [4,910]	
		lbf	28,880 [31,510]	39,900 [43,530]	34,610 [37,760]	25,130 [27,410]	9,920 [10,830]	

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

# HX300SG LIFTING CAPACITY

Rating over-front    Rating over-side or 360 degree

## HX300SG

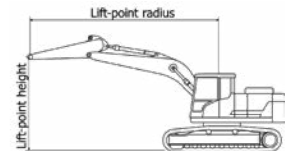
6.25 m (20' 6") boom, 2.10 m (6' 11") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Load Point Height m (ft)		Lift-Point Radius				At Max. Reach		m (ft)
		3.0m (9.8ft)	4.5m (14.8ft)	6.0m (19.7ft)	7.5m (24.6ft)	Capacity	Reach	
7.5m	kg			*7,150	*7,150	*7,350	7,030	6.40
24.6ft	lb			*15,760	*15,760	*16,200	15,500	(21.0)
6.0m	kg			*7,360	*7,360	*7,240	5,430	7.44
19.7ft	lb			*16,230	*16,230	*15,960	11,970	(24.4)
4.5m	kg			*8,330	7,420	*7,370	5,280	8.06
14.8ft	lb			*18,360	16,360	*16,250	11,640	(26.5)
3.0m	kg			*9,550	7,010	*7,900	5,100	8.37
9.8ft	lb			*21,050	15,450	*17,420	11,240	(27.5)
1.5m	kg			*10,560	6,700	7,850	4,940	8.40
4.9ft	lb			*23,280	14,770	17,310	10,890	(27.6)
0.0m	kg			10,810	6,550	7,750	4,840	8.16
0.0ft	lb			23,830	14,440	17,090	10,670	(26.8)
-1.5m	kg		*14,440	9,990	10,800	6,540	7,780	7.60
-4.9ft	lb		*31,830	22,020	23,810	14,420	17,150	(24.9)
-3.0m	kg	*17,130	*17,130	*13,040	10,180	*9,850	6,690	6.66
-9.8ft	lb	*37,770	*37,770	*28,750	22,440	*21,720	14,750	(21.9)
-4.5m	kg		*9,810	*9,810			*8,120	5.12
-14.8ft	lb		*21,630	*21,630			*17,900	(16.8)

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

Load Point Height m (ft)		Lift-Point Radius				At Max. Reach		m (ft)				
		3.0m (9.8ft)	4.5m (14.8ft)	6.0m (19.7ft)	7.5m (24.6ft)	Capacity	Reach					
7.5m	kg			*6,510	*6,510	*6,350	*6,350	6.74				
24.6ft	lb			*14,350	*14,350	*14,000	*14,000	(22.1)				
6.0m	kg			*6,870	*6,870	*6,670	5,440	7.74				
19.7ft	lb			*15,150	*15,150	*14,700	11,990	(25.4)				
4.5m	kg		*9,930	*9,930	*7,880	7,490	*6,990	5,310	8.34			
14.8ft	lb		*21,890	*21,890	*17,370	16,510	*15,410	11,710	(27.4)			
3.0m	kg		*12,770	10,610	*9,150	7,060	*7,600	5,110	8.64			
9.8ft	lb		*28,150	23,390	*20,170	15,560	*16,760	11,270	(28.3)			
1.5m	kg			*10,270	6,710	7,850	4,920	6,320	4,000	8.67		
4.9ft	lb			*22,640	14,790	17,310	10,850	13,930	8,820	(28.4)		
0.0m	kg		*15,040	9,840	10,790	6,520	7,710	4,800	6,530	4,110	8.43	
0.0ft	lb		*33,160	21,690	23,790	14,370	17,000	10,580	14,400	9,060	(27.7)	
-1.5m	kg	*10,480	*10,480	*14,670	9,870	10,730	6,470	7,690	4,790	7,170	4,490	7.89
-4.9ft	lb	*23,100	*23,100	*32,340	21,690	23,660	14,260	16,950	10,560	15,810	9,900	(25.9)
-3.0m	kg	*18,430	*17,130	*13,520	10,030	*10,200	6,570		*8,350	5,380	6.99	
-9.8ft	lb	*40,630	*37,770	*29,810	22,110	*22,490	14,480		*18,410	11,860	(22.9)	
-4.5m	kg	*14,820	*17,130	*10,960	10,410				*8,540	7,690	5.55	
-14.8ft	lb	*32,670	*17,130	*24,160	22,950				*18,830	16,950	(18.2)	

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



# HX300SG

## LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

### HX300SG

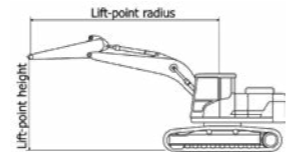
6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Load Point Height m (ft)	Lift-Point Radius										At Max. Reach			
	3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0 m (29.5 ft)		Capacity	Reach		
7.5m 24.6ft	kg										*4,120	*4,120	7.38 (24.2)	
	lb										*9,080	*9,080		
6.0m 19.7ft	kg						*6,020	5,510			*3,940	*3,940	8.30 (27.2)	
	lb						*13,270	12,150			*8,690	*8,690		
4.5m 14.8ft	kg		*8,800	*8,800	*7,220	*7,220	*6,480	5,350			*3,930	*3,930	8.86 (29.1)	
	lb		*19,400	*19,400	*15,920	*15,920	*14,290	11,790			*8,660	*8,660		
3.0m 9.8ft	kg		*11,640	10,880	*8,560	7,140	*7,170	5,130	*5,140	3,850	*4,060	3,740	9.14 (30.0)	
	lb		*25,660	23,990	*18,870	15,740	*15,810	11,310	*11,330	8,490	*8,950	8,250		
1.5m 4.9ft	kg		*13,860	10,120	*9,800	6,740	7,840	4,910	*5,800	3,750	*4,340	3,640	9.17 (30.1)	
	lb		*15,530	22,310	*21,610	14,860	17,280	10,820	*12,790	8,270	*9,570	8,020		
0.0m 0.0ft	kg		*14,820	9,790	*10,630	6,490	7,670	4,760			*4,830	3,720	8.94 (29.3)	
	lb		*32,670	21,580	*23,440	14,310	16,910	10,490			*10,650	8,200		
-1.5m -4.9ft	kg	*10,440	*10,440	*14,830	9,740	10,650	6,390	7,600	4,690			*5,670	4,010	8.44 (27.7)
	lb	*23,020	*23,020	*32,690	21,470	23,480	14,090	16,760	10,340			*12,500	8,840	
-3.0m -9.8ft	kg	*16,850	*16,850	*14,030	9,850	*10,490	6,430	7,680	4,760			*7,280	4,680	7.61 (25.0)
	lb	*37,150	*37,150	*30,930	21,720	*23,130	14,180	16,930	10,490			*16,050	10,320	
-4.5m -14.8ft	kg	*16,800	*16,800	*12,100	10,140	*8,850	6,670					*8,160	6,240	6.32 (20.7)
	lb	*37,040	*37,040	*26,680	22,350	*19,510	14,700					*17,990	13,760	

6.25 m (20' 6") boom, 3.75 m (10' 0") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

Load Point Height m (ft)	Lift-Point Radius										At Max. Reach					
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0 m (29.5 ft)		Capacity	Reach		
9.0m (29.5 ft)	kg											*3,570	*3,570	6.8 (24.2)		
	lb											*7,870	*7,870			
7.5m 24.6ft	kg								*4,790	*4,790			*3,260	*3,260	8.14 (26.7)	
	lb								*10,560	*10,560			*7,190	*7,190		
6.0m 19.7ft	kg								*5,290	*5,290			*3,140	*3,140	8.97 (29.4)	
	lb								*11,660	*11,660			*6,920	*6,920		
4.5m 14.8ft	kg						*6,340	*6,340	*5,830	5,430	*4,900	3,990	*3,140	*3,140	9.50 (31.2)	
	lb						*13,980	*13,980	*12,850	11,970	*10,800	8,800	*6,920	*6,920		
3.0m 9.8ft	kg					*10,190	*10,190	*7,750	7,280	*6,590	5,180	*5,990	3,860	*3,250	*3,250	9.76 (32.0)
	lb					*22,470	*22,470	*17,090	16,050	*14,530	11,420	*13,210	8,510	*7,170	*7,170	
1.5m 4.9ft	kg					*12,770	10,320	*9,140	6,820	*7,380	4,920	5,940	3,730	*3,470	3,260	9.79 (32.1)
	lb					*28,150	22,750	*20,150	15,040	*16,270	10,850	13,100	8,220	*7,650	7,190	
0.0m 0.0ft	kg			*6,390	*6,390	*14,290	9,810	*10,190	6,480	7,650	4,730	5,820	3,630	*38,30	3,310	9.58 (31.4)
	lb			*14,090	*14,090	*31,500	21,630	*22,470	14,290	16,870	10,430	12,830	8,000	*8,440	7,300	
-1.5m -4.9ft	kg	*6,630	*6,630	*9,930	*9,930	*14,790	9,620	10,580	6,310	7,520	4,610	*5,340	3,580	*4,440	3,530	9.11 (29.9)
	lb	*14,620	*14,620	*21,890	*21,890	*32,610	21,210	23,320	13,910	16,580	10,160	*11,770	7,890	*9,790	7,780	
-3.0m -9.8ft	kg	*10,420	*10,420	*14,550	*14,550	*14,440	9,650	10,550	6,290	7,520	4,610			*5,520	4,010	8.35 (27.4)
	lb	*22,970	*22,970	*32,080	*32,080	*31,830	21,270	23,260	13,870	16,580	10,160			*12,170	8,840	
-4.5m -14.8ft	kg	*15,040	*15,040	*18,840	*18,840	*13,120	9,850	*9,740	6,420					*7,630	5,040	7.19 (23.6)
	lb	*33,160	*33,160	*41,540	*41,540	*28,920	21,720	*21,470	14,150					*16,820	11,110	
-6.0m -19.7ft	kg			*14,260	*14,260	*10,040	*10,040							*8,020	7,950	5.38 (17.6)
	lb			*31,440	*31,440	*22,130	*22,130							*17,680	17,530	

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



### HX330SG LONG REACH BOOM

10.20 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 800 mm (24") triple grouser shoe and 7,000 kg counter weight.

Load Point Height m (ft)	Lift-Point 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)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		15.0 m (49.2 ft)		16.5 m (54.1 ft)		Capacity	Reach																	
13.5m (44.3 ft)	kg																						*900	*900	12.91 (42.4)																
	lb																						*1,980	*1,980																	
12.0m 39.4ft	kg																	*1,170	*1,170					*850	*850	14.12 (46.3)															
	lb																*2,580	*2,580					*1,870	*1,870																	
10.5m 34.4ft	kg																*1,470	*1,470	*860	*860				*810	*810	15.07 (49.4)															
	lb															*3,240	*3,240	*1,900	*1,900				*1,790	*1,790																	
9.0m 29.5ft	kg															*1,670	*1,670	*1,260	*1,260				*800	*800	15.82 (51.9)																
	lb														*3,680	*3,680	*2,780	*2,780				*1,760	*1,760																		
7.5m 24.6ft	kg														*1,850	*1,850	*1,520	*1,520				*790	*790	16.40 (53.8)																	
	lb														*4,080	*4,080	*3,350	*3,350				*1,740	*1,740																		
6.0m 19.7ft	kg																*2,220	*2,220	*2,060	*2,060	*1,730	*1,730	*1,060	*1,060	*800	*800	16.83 (55.2)														
	lb																*4,890	*4,890	*4,540	*4,540	*3,810	*3,810	*2,340	*2,340	*1,760	*1,760															
4.5m 14.8ft	kg																		*2,740	*2,740	*2,560	*2,560	*2,330	*2,330	*1,950	*1,950	*1,290	*1,290	*830	*830	17.11 (56.1)										
	lb																		*6,040	*6,040	*5,640	*5,640	*5,140	*5,140	*4,300	*4,300	*2,840	*2,840	*1,830	*1,830											
3.0m 9.8ft	kg																				*7,270	*7,270			*4,130	*4,130	*3,510	*3,510	*3,100	*3,100	*2,820	*2,820	*2,380	*2,380	*2,180	1,940	*1,460	*1,460	*860	*860	17.26 (56.6)
	lb																				*16,030	*16,030			*9,110	*9,110	*9,110	*9,110	*6,830	*6,830	*6,220	*6,220	*5,780	5,250	*4,810	4,280	*3,220	*3,220	*1,900	*1,900	
1.5m 4.9ft	kg																				*4,330	*4,330	*6,440	*6,440	*4,920	*4,920	*4,040	*4,040	*3,470	3,380	*3,090	2,740	*2,820	2,240	*2,430	1,850	*1,570	1,520	*910	*910	17.27 (56.7)
	lb																				*9,550	*9,550	*14,200	*14,200	*10,850	*10,850	*8,910	*8,910	*7,650	7,450	*6,810	6,040	*6,220	4,940	*5,360	4,080	*3,460	3,350	*2,010	*2,010	
0.0m 0.0ft	kg			*1,390	*1,390	*3,240	*3,240	*7,450	6,590	*5,610	4,960	*4,530	3,900	*3,830	3,140	*3,360	2,560	*3,020	2,120	*2,670	1,760	*1,600	1,470	*970	*970	17.15 (56.3)															
	lb			*3,060	*3,060	*																																			