HX300SG

STANDARD / OPTION

ENGINE		STD	OPT
Hyundai HE6.7 Engine		•	
HYDRAULIC SYSTEM			
3-power mode, 2-work mode, user mod	le	•	
Variable power control		•	
Engine auto idle		•	
CAB & INTERIOR			
ISO STANDARD CABIN			
Rise-up type windshield wiper		•	
Radio / USB player			•
12 volt power outlet (24V DC to 12V D	C converter)	•	
Electric horn		•	
All-weather steel cab with 360° visib	ility	•	
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		•	
AUTOMATIC CLIMATE CONTROL			
Air conditioner & heater		•	
Defroster		•	
Starting aid (air grid heater) for cold	weather	•	
CENTRALIZED MONITORING			
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		•	
CABIN FOPS (ISO 10262) LEVEL 2			
FOPS (Falling Object Protective Structure) ·ISO 10262 Level 2	Front & Tops guard		•

SAFETY	STD	OPT
Battery master switch	•	
Two front working lights (1boom 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		•
ATTACHMENT		
BOOMS		
5.70m, 18' 8" Mono	•	
5.70m, 18' 8" Heavy Duty		•
8.50m, 27' 11" Long Reach		•
ARMS		
2.00m, 6' 7"		•
2.40m, 7' 10"		•
2.90m, 9' 6"	•	
2.90m, 9' 6" Heavy Duty		•
6.20m, 20' 4"		•
OTHERS		
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		•
COUNTERWEIGHT		
3.6 ton CWT	•	
4.2 ton CWT		•
5.3 ton CWT		•
UNDERCARRIAGE		
Lower frame under cover (additional)		•
Lower frame under cover (normal)	•	
TRACK SHOES		
Triple grousers shoes (600mm, 24")	•	
Triple grousers shoe (700mm, 28")		•
Triple grousers shoe (800mm, 32")		•
Track rail guard	•	





Head Office(Sales Office)

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PLEASE CONTACT

HX300SG

Crawler Excavators



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

197 HP(147 kW) at 1,900 rpm

Bucket Capacity 1.27 m³ (1.66 yd³)

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



HX300SG

WHAT'S NEWEST **AND BEST**

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



BUILT FOR MAXIMUM POWER, PERFORMANCE, RELIABILITY.

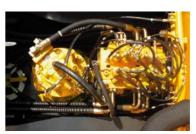
Hyundai HE6.7 Engine

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.



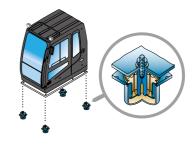
Powerful and Preciser Swing Control

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.

Improved Intelligent Display



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

B Smooth Travel Pedal and Foot Rests



© 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.



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.



HIMXTE

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 ctual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

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



Security

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



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

SPECIFICATIONS

ENGINE				
Maker / Model			HYUNDAI HE6.7	
Туре			Watercooled, 4 cycle Diesel, 6 Cylinders in line Direct injection, Turbo charged, charger air cooled and low emission	
Rated	ated SAF J1995 (g	J1995 (gross)	227 HP (169 kW) at 1,900 rpm	
Flywheel Horse Power DIN	SAE	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	Max. Torque		97kgf-m (702 lbf-ft) at 1400 rpm	
Bore X Stroke			107 x 124 mm (4.2" x 4.9")	
Piston Displacement		ent	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		
Туре	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	-Pump for Pilot Circuit Gear pump	
Cross-sensing and fuel saving pu	mp 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/cm² (4,690 psi)
Travel	350 kgf/cm² (4,978 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing Circuit	300 kgf/cm² (4,267 psi)
Pilot Circuit	40 kgf/cm² (569 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS	
No. of Cylinder Bore X Stroke	Boom: 2-140 x 1,465 mm (5.5" x 57.7")
	Arm: 1-150 x 1,765 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

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

Electric, Dial type

under the battery box

Two lights mounted on the boom one $\,$

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 m³ (1.66 yd') backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

OPERATING WEIGHT

Engine Throttle

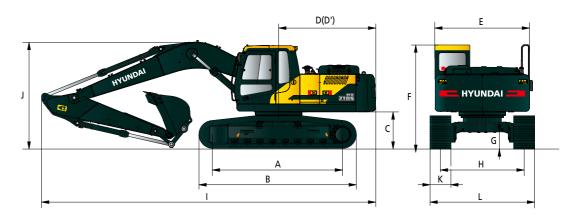
External Lights

Shoes		Operating Weight	Ground Pressure
Туре	Width mm (in)	kg (lb)	kgf/cm² (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

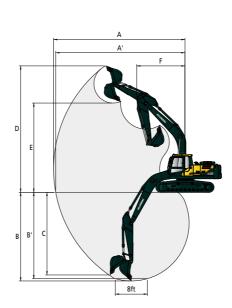
HX300SG DIMENSIONS



Δ	Tumbler Distance	4,030 (13' 3")
А	Tulliblei Distalice	, , ,
В	Overall Length of Crawler	4,940 (16' 2")
С	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")
Н	Track Gauge	2,600 (8' 6")
* Th	nis figure includes the size of grou	users.

						Offic. Hilli (1 c. II
	Boom length		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")
ı	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			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")
Α	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")
В	Max. Digging Depth	6,380 (20' 11")	6,780 (22' 3")	7,330 (24'1")	8,030 (26' 4")	14,740 (48' 4")
В'	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")
С	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")
Е	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

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.





SAE heaped m³ (yd³)

★ 0.52 (0.68) 1.27 (1.66)

1.50 (1.96)

					Weight kg (lb)	Tooth EA					
	Capaci m³ (yd	•		dth ı (in)					250) 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
*	0.52 (0.68)	0.45 (0.59)	945 (37")	1,035 (41")	470 (1,040)	5	-	_	_	_	•
	1.27 (1.66)	1.11 (1.45)	1,325 (52")	1,410 (56")	1,135 (2,500)	5	•	•	•		-
*	1.46 (1.91)	1.28 (1.67)	1,535 (60")	-	1,395 (3,080)	5	•	•		A	-
•	1.50 (1.96)	1.30 (1.70)	1,550 (61")	-	1,575 (3,470)	5	0			A	-

- 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.

6.250 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 F	ORCE							
D	Length	mm (ft.in)		6,250 ((20' 6")		10,200 (33' 6")	
Boom	Weight	kg (lb)		2,780	(6,130)		3,530 (7,780)	Domorle
A	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
Arm	Weight	kg (lb)	1,545 (3,410)	1,345 (2,970)	1,430 (3,150)	1,675 (3,690)	1,685 (3,710)	
		kN	169 [184]	169 [184]	169 [184]	169 [184]	70 [76]	
	SAE	kgf	17,200 [18,760	17,200 [18,760	17,200 [18,760	17,200 [18,760	7,100 [7750	
Bucket		lbf	37,920 [41,370]	37,920 [41,370]	37,920 [41,370]	37,920 [41,370]	15,650 [17,090]	
Digging Force		kN	192 [210]	192 [210]	192 [210]	192 [210]	80 [88]	
	ISO	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]	[]:
		kN	124 [135]	170 [185]	147 [161]	109 [119]	43 [47]	Power Boost
	SAE	kgf	12,600 [13,750]	17,300 [18,870]	15,000 [16,360]	11,100 [12,110	4,420 [4,820]	
Arm		lbf	27,780 [30,310]	38,140 [41,610]	33,070 [36,080]	24,470 [26,690]	9,740 [10,630]	
Crowd Force		kN	129 [140]	178 [194]	154 [168]	112 [122]	44 [48]	
	ISO	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

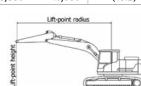
 $6.25\,\mathrm{m}$ (20' 6") boom, $2.10\,\mathrm{m}$ (6' 11") arm equipped with $600\,\mathrm{mm}$ (24") triple grouser shoe and $5,200\,\mathrm{kg}$ counter weight.

					Lift-Poin	t Radius				А	1	
Load P Heigl		3.0m (9	9.8ft)	4.5m (1	4.8ft)	6.0m (1	9.7ft)	7.5m (2	4.6ft)	Capa	city	Reach
m (f		Ð	45)	b			₩	þ	₩	m (ft)		
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	7,290	4,670	8.06
14.8ft	lb					*18,360	16,360	*16,250	11,640	16,070	10,300	(26.5)
3.0m	kg					*9,550	7,010	*7,900	5,100	6,770	4,310	8.37
9.8ft	lb					*21,050	15,450	*17,420	11,240	14,930	9,500	(27.5)
1.5m	kg					*10,560	6,700	7,850	4,940	6,640	4,210	8.40
4.9ft	lb					*23,280	14,770	17,310	10,890	14,640	9,280	(27.6)
0.0m	kg					10,810	6,550	7,750	4,840	6,890	4,350	8.16
0.0ft	lb					23,830	14,440	17,090	10,670	15,190	9,590	(26.8)
-1.5m	kg			*14,440	9,990	10,800	6,540	7,780	4,870	7,650	4,800	7.60
-4.9ft	lb			*31,830	22,020	23,810	14,420	17,150	10,740	16,870	10,580	(24.9)
-3.0m	kg	*17,130	*17,130	*13,040	10,180	*9,850	6,690			*8,410	5,860	6.66
-9.8ft	lb	*37,770	*37,770 *37,770 *28,750		22,440	*21,720	14,750			*18,540	12,920	(21.9)
-4.5m	kg			*9,810	*9,810					*8,120	*8,120	5.12
-14.8ft	lb			*21,630	*21,630					*17,900	*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.

					Lift-Poin	nt Radius				A	t Max. Reach	1
Load P		3.0m (9.8ft)	4.5m (1	4.8ft)	6.0m (1	9.7ft)	7.5m (2	4.6ft)	Capa	city	Reach
Heigl m (f		ď	45)	P	45)	ęł,	45)	þ	45)	ęł,	45)	m (ft)
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	*6,040	5,140	7.74
19.7ft	lb					*15,150	*15,150	*14,700	11,990	*13,320	11,330	(25.4)
4.5m	kg			*9,930	*9,930	*7,880	7,490	*6,990	5,310	*6,030	4,450	8.34
14.8ft	lb			*21,890	*21,890	*17,370	16,510	*15,410	11,710	*13,290	9,810	(27.4)
3.0m	kg			*12,770	10,610	*9,150	7,060	*7,600	5,110	*6,240	4,110	8.64
9.8ft	lb			*28,150	23,390	*20,170	15,560	*16,760	11,270	*13,760	9,060	(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				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)

- 1. Lifting capacity are based on ISO 10567.
- 2. 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.
- 3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- 4. (*) indicates load limited by hydraulic capacity.



LIFTING CAPACITY

HX300SG

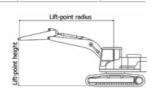
6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 600 mm (24") triple grouser shoe and 5,200 kg counter weight.

						At Max. Rea	ch							
Load P		3.0m	(9.8ft)	4.5m (14.8ft)	6.0m (19.7ft)	7.5m (2	24.6ft)	9.0 m (2	29.5 ft)	Capa	city	Reach
Heigl m (f		b	45)	J	45)	ď	45)	ď	4	b	4	ď	45)	m (ft)
7.5m	kg											*4,120	*4,120	7.38
24.6ft	lb											*9,080	*9,080	(24.2)
6.0m	kg							*6,020	5,510			*3,940	*3,940	8.30
19.7ft	lb							*13,270	12,150			*8,690	*8,690	(27.2)
4.5m	kg			*8,800	*8,800	*7,220	*7,220	*6,480	5,350			*3,930	*3,930	8.86
14.8ft	lb			*19,400	*19,400	*15,920	*15,920	*14,290	11,790			*8,660	*8,660	(29.1)
3.0m	kg			*11,640	10,880	*8,560	7,140	*7,170	5,130	*5,140	3,850	*4,060	3,740	9.14
9.8ft	lb			*25,660	23,990	*18,870	15,740	*15,810	11,310	*11,330	8,490	*8,950	8,250	(30.0)
1.5m	kg			*13,860	10,120	*9,800	6,740	7,840	4,910	*5,800	3,750	*4,340	3,640	9.17
4.9ft	lb			*15,530	22,310	*21,610	14,860	17,280	10,820	*12,790	8,270	*9,570	8,020	(30.1)
0.0m	kg			*14,820	9,790	*10,630	6,490	7,670	4,760			*4,830	3,720	8.94
0.0ft	lb			*32,670	21,580	*23,440	14,310	16,910	10,490			*10,650	8,200	(29.3)
-1.5m	kg	*10,440	*10,440	*14,830	9,740	10,650	6,390	7,600	4,690			*5,670	4,010	8.44
-4.9ft	lb	*23,020	*23,020	*32,690	21,470	23,480	14,090	16,760	10,340			*12,500	8,840	(27.7)
-3.0m	kg	*16,850	*16,850	*14,030	9,850	*10,490	6,430	7,680	4,760			*7,280	4,680	7.61
-9.8ft	lb	*37,150	*37,150	*30,930	21,720	*23,130	14,180	16,,930	10,490			*16,050	10,320	(25.0)
-4.5m	kg	*16,800	*16,800	*12,100	10,140	*8,850	6,670					*8,160	6,240	6.32
-14.8ft	lb			22,350	*19,510	14,700			*17,990 13,760 (20.7)					

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.

					At Max. Reach											
Load Po		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)	Capa	acity	Reach
Heigh m (ft		ď	=	₽ ₽			₽ ₽		₽				45)	b	4	m (ft)
9.0 m	kg													*3,570	*3,570	6.8
(29.5 ft)	lb													*7,870	*7,870	(24.2)
7.5m	kg									*4,790	*4,790			*3,260	*3,260	8.14
24.6ft	lb									*10,560	*10,560			*7,190	*7,190	(26.7)
6.0m	kg									*5,290	*5,290			*3,140	*3,140	8.97
19.7ft	lb									*11,660	*11,660			*6,920	*6,920	(29.4)
4.5m	kg							*6,340	*6,340	*5,830	5,430	*4,900	3,990	*3,140	*3,140	9.50
14.8ft	lb							*13,980	*13,980	*12,850	11,970	*10,800	8,800	*6,920	*6,920	(31.2)
3.0m	kg					*10,190	*10,190	*7,750	7,280	*6,590	5,180	*5,990	3,860	*3,250	*3,250	9.76
9.8ft	lb					*22,470	*22,470	*17,090	16,050	*14,530	11,420	*13,210	8,510	*7,170	*7,170	(32.0)
1.5m	kg					*12,770	10,320	*9,140	6,820	*7,380	4,920	5,940	3,730	*3,470	3,260	9.79
4.9ft	lb					*28,150	22,750	*20,150	15,040	*16,270	10,850	13,100	8,220	*7,650	7,190	(32.1)
0.0m	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
0.0ft	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	(31.4)
-1.5m	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
-4.9ft	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	(29.9)
-3.0m	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
-9.8ft	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	(27.4)
-4.5m	kg	*15,040	*15,040	*18,840	*18,840	*13,120	9,850	*9,740	6,420					*7,630	5,040	7.19
-14.8ft	lb	*33,160	*33,160	*41,540	*41,540	*28,920	21,720	*21,470	14,150					*16,820	11,110	(23.6)
-6.0m	kg			*14,260	*14,260	*10,040	*10,040							*8,020	7,950	5.38
-19.7ft	lb			*31,440	*31,440	*22,130	*22,130							*17,680	17,530	(17.6)

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



Rating over-front Rating over-side or 360 degree

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 P	oint	1.5m (4	1.9ft)	3.0m (9.8ft)	4.5m (1	4.8ft)	6.0m (1	9.7ft)	7.5m (2		9.0m (2			34.4ft)	12.0m (39.4ft)	13.5m (4	14.3ft)	15.0 m (49.2 ft	16.5 m (54.1 ft)	At M Capa	lax. Rea	ach Reach
Heig m (f					- 5												-									m (ft)
13.5 m	kg																							*900	*900	12.91
(44.3 ft)	lb																							*1,980	*1,980	(42.4)
12.0m	kg																	*1,170	*1,170					*850	*850	14.12
39.4ft	lb																	*2,580	*2,580					*1,870	*1,870	(46.3)
10.5m	kg																	*1,470	*1,470	*860	*860			*810	*810	15.07
34.4ft	lb																	*3,240	*3,240	*1,900	*1,900			*1,790	*1,790	(49.4)
9.0m	kg																	*1,670	*1,670	*1,260	*1,260			*800	*800	15.82
29.5ft	lb																	*3,680	*3,680	*2,780	*2,780			*1,760	*1,760	(51.9)
7.5m	kg																	*1,850	*1,850	*1,520	*1,520			*790	*790	16.40
24.6ft	lb																	*4,080	*4,080	*3,350	*3,350			*1,740	*1,740	(53.8)
6.0m	kg															*2,220	*2,220	*2,060	*2,060	*1,730	*1,730	*1,060	*1,060	*800	*800	16.83
19.7ft	lb															*4,890	*4,890	*4,540	*4,540	*3,810	*3,810	*2,340	*2,340	*1,760	*1,760	(55.2)
4.5m	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
14.8ft	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	(56.1)
3.0m	kg					*7,270	*7,270			*4,130	*4,130	*3,510	*3,510	*3,100	*3,100	*2,820	*2,820	*2,620	2,380	*2,180	1,940	*1,460	*1,460	*860	*860	17.26
9.8ft	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	(56.6)
1.5m	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
4.9ft	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	(56.7)
0.0m	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
0.0ft	lb			*3,060	*3,060	*7,140	*7,140	*16,420	14,530	*12,370	10,930	*9,990	8,600	*8,440	6,920	*7,410	5,640	*6,660	4,670	*5,890	3,880	*3,530	3,240	*2,140	*2,140	(56.3)
-1.5m	kg	*1,450	*1,450	*1,960	*1,960	*3,330	*3,330	*6,240	6,110	*6,160	4,600	*4,950	3,620	*4,150	2,940	*3,600	2,420	*3,200	2,010	*2,850	1,690	*1,500	1,420	*1050	*1050	16.90
-4.9ft	lb	*3,200	*3,200	*4,320	*4,320	*7340	*7340	*13,760	13,470	*13,580	10,140	*10,910	7,980	*9,150	6,480	*7,940	5,340	*7,050	4,430	*6,280	3,730	*3,310	3,130	*2,310	*2,310	(55.4)
-3.0m	kg	*2,110	*2,110	*2,620	*2,620	*3,800	*3,800	*6,180	5,850	*6,560	4,360	*5,270	3,430	*4,410	2,790	*3,800	2,300	3,310	1,930	2,840	1,630	*1,170	*1,170	*1,170	*1,170	16.51
-9.8ft	lb	*4,650	*4,650	*5,780	*5,780	*8,380	*8,380	*13,620	12,900	*14,460	9,610	*11,620	7,560	*9,720	6,150	*8,380	5,070	7,300	4,250	6,260	3,590	*2,580	*2,580	*2,580	*2,580	(54.2)
-4.5m	kg	*2,790	*2,790	*3,340	*3,340	*4,470	*4,470	*6,670	5,750	*6,800	4,230	*5,490	3,320	*4,600	2,690	3,840	2,230	3,260	1,880	*2,620	1,600			*1,310	*1,310	15.96
-14.8ft	lb	*6,150	*6,150	*7,360	*7,360	*9,850	*9,850	*14,700	12,680	*14,990	9,330	*12,100	7,320	*10,140	5,930	8,470	4,920	7,190	4,140	*5,780	3,530			*2,890	*2,890	(52.4)
-6.0m	kg	*3,510	*3,510	*4,130	*4,130	*5,310	*5,310	*7,520	5,750	*6,890	4,200	*5,600	3,270	4,570	2,640	3,800	2,200	3,240	1,860	*1,920	1,610			*1,520	*1,520	15.25
-19.7ft	lb	*7,740	*7,740	*9,110	*9,110	*11,710	*11,710	*16,580	12,680	*15,190	9,260	*12,350	7,210	10,080	5,820	8,380	4,850	7,140	4,100	*4,230	3,550			*3,350	*3,350	(50.0)
-7.5m	kg	*4,290	*4,290	*5,010	*5,010	*6,320	*6,320	*8,650	5,830	*6,830	4,230	*5,590	3,280	4,570	2,650	3,810	2,210	3,270	1,890					*1,830	1750	14.34
-24.6ft	lb	*9,460	*9,460	*11,050	*11,050	*13,930	*13,930	*19,070	12,850	*15,060	9,330	*12,320	7,230	10,080	5,840	8,400	4,870	7,210	4,170					*4,030	3,860	(47.0)
-9.0m	kg	*5,160	*5,160	*6,030	*6,030	*7,570	*7,570	*8,260	6,000	*6,590	4,330	*5,420	3,350	*4,550	2,710	*3,850	2,270							*2,310	2,030	13.19
-29.5ft	lb	*11,380	*11,380	*13,290	*13,290	*16,690	*16,690	*18,210	13,230	*14,530	9,550	*11,950	7,390	*10,030	5,970	*8,490	5,000							*5,090	4,480	(43.3)
-10.5 m	kg	*6,140	*6,140	*7,250	*7,250	*9,180	*9,180	*7,610	6,240	*6,120	4,510	*5,030	3,500	*4,180	2,850	-	-							*3,210	2,480	11.74
(-34.4 ft)	- "	*13,540	-		-	*20,240		-	13,760			*11,090		*9,220										*7,080		
-12.0 m	kg		- 1	*8,780	*8,780	-	*8,430	-	*6,570			*4,280	3,740	-	-									*3,750	-	· '
(-39.4 ft)	-			,		,		*14,480				,	,												7,360	
	, ID			,	,	.5,550	,	,.50	, . 50	.,,550	,	-,	2,230											-,0	.,550	(52.0)

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

