**MOVING YOU FURTHER** 



# CRAWLER EXCAVATOR HX300ANL / HX300ALR / HX300AHW



The HX300AL Crawler Excavator is part of Hyundai's brand new A-series: a fresh generation of construction equipment that complies with the European stage V emission levels. But it does much more than that! While fulfilling regulatory demands, Hyundai aimed for a ground-breaking level of customer satisfaction with maximum performance and productivity, better safety, more convenience and improved uptime management.

From its robust exterior design to its smart performance-enhancing technologies, the HX300AL opens up a world of new possibilities where tiny efforts move mountains. It's time to experience the Hyundai Effect!



HYUNDA

# ENTER A WORLD WHERE ANYTHING IS POSSIBLE

### **Productivity**

- Short cycle times
- Mono or two-piece boom
- Electronic Pump Independent Control (EPIC)
- Customisable hydraulic attachment lines
- Attachment flow control (20 tools programmable)
- Fine swing control (option)
- Boom floating system (option)

### **Serviceability**

- Excellent accessibility
- · Electric fuel filler pump with automatic stop function
- Centralised greasing (option)
- Hi Mate telematic system

HYUNDAI

· Extended service intervals

### **Durability/Safety**

- · Excellent visibility
- AAVM camera system (option)
- · LED lights (option)
- · Reinforced upper and lower structure
- High-grade hoses
- · Reinforced pins, bushings and polymer shims
- Swing lock (option)

### Comfort

- Spacious cabin
- 8" touchscreen monitor
- Automatic climate control
- · Smart key and start/stop button
- · Air suspension seat with heater (option)
- · Viscous cab suspension mounts
- · Ergonomic joystick design

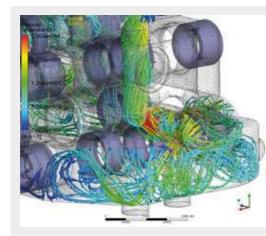


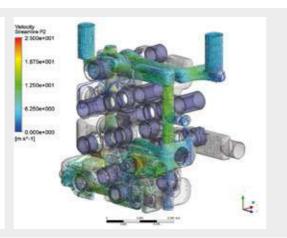
# **POWER AND EFFICIENCY TO** MAKE YOU MORE PRODUCTIVE

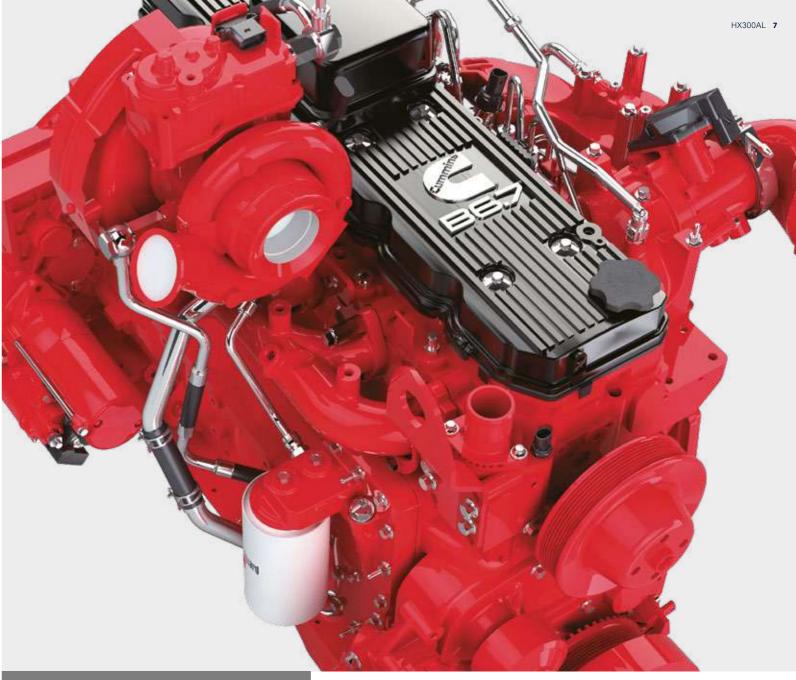
The HX300AL is powered by a robust Stage V-certified Cummins engine with an innovative integrated after-treatment system that reduces both emissions and maintenance requirements. It delivers all the power you need to handle demanding jobs, along with fast levelling and truck loading times and excellent fuel economy.

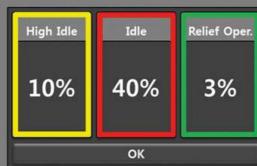
A range of smart technologies are included for precise management of the engine output and pump flow rate. A new EPIC (Electronic Pump Independent Control) system improves efficiency through computerised individual control of the hydraulic pumps. Additional features optimise operation and monitoring to enhance productivity every single day.

EPIC (Electronic Pump Independent Control) improves fuel efficiency while maintaining productivity through computerised individual control of hydraulic pumps. The system helps to reduce losses in hydraulic flow and maximise production capacity.









"I'm saving on fuel and reducing emissions without having to compromise on productivity!"

Easy-to-use 3D Machine Guidance gives precise feedback on the bucket position as well as 3D grading assistance and jobsite mapping in real time. This reduces manpower requirements on site and enhances operator performance. The system includes an optional Hyundai Ready automatic surveying system for excavators which provides work guides to further improve work speed and productivity.

The Eco Report feature helps you to develop efficient working habits by displaying real-time information about machine performance.

Like all A-Series machines, the HX300AL features our all-in-one exhaust aftertreatment system which cuts emissions and operating costs while enhancing reliability and simplifying maintenance.





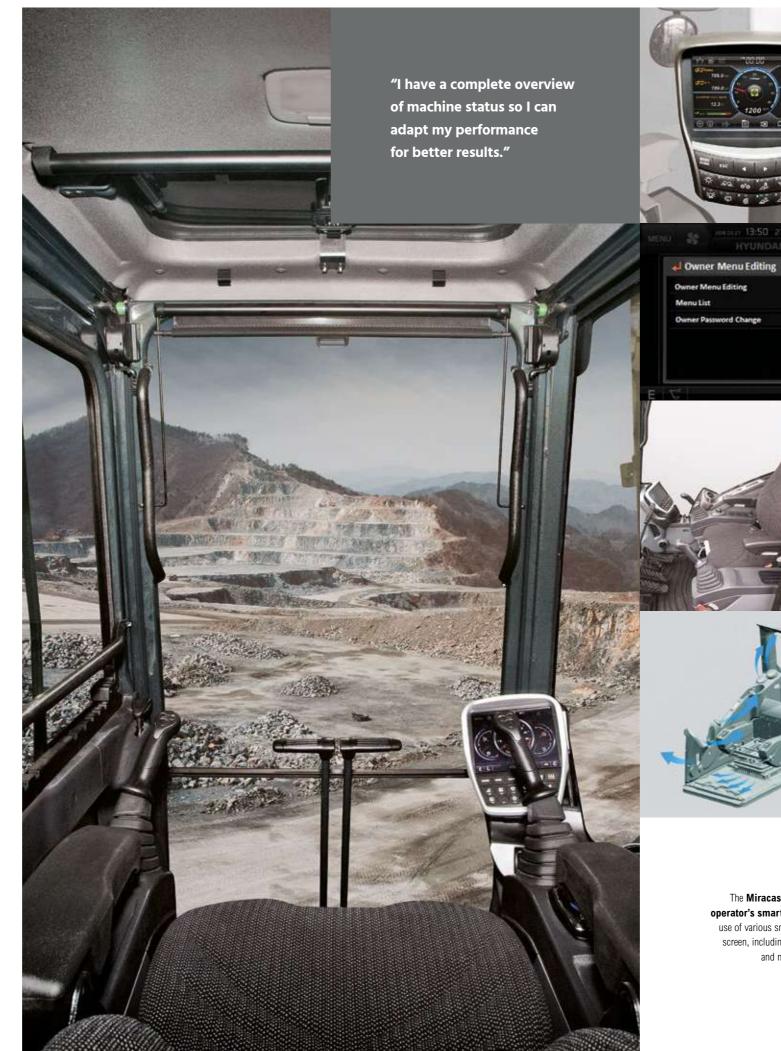


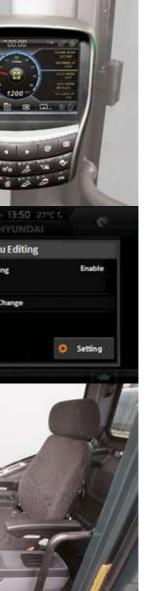




# A CABIN DESIGNED AROUND YOU

The HX300AL cabin was designed as a comfortable working environment that enhances productivity and reduces fatigue for every operator. Pleasant and spacious, it features a high-quality, adjustable seat and comfortable reach to all controls. A range of technologies enable easier machine monitoring, while the audio system includes radio, USB and AUX input to keep you entertained during your working day. The overall design places you right at the centre of the Hyundai Effect, with a world of convenience and control at your fingertips.





- The **instrument panel** is optimised to provide quick, easy access to machine status information as you work. It features an 8-inch **touchscreen monitor** for excellent legibility.
- Menu functions can be set by the machine owner, who can also provide or restrict access for machine users by using a password to lock or unlock the list.
- The HX300AL has a luxurious **air suspension seat with heating** as standard. The **ergonomic joystick** makes operation comfortable and intuitive.

The **heating and air conditioning** system efficiently regulates and directs airflow in the cabin.

AA D DD

The Miracast system based on the operator's smartphone Wi-Fi allows the use of various smartphone features on the screen, including navigation, web surfing and music and video playback.

# **PROTECTION FOR CO-WORKERS AND MACHINERY**

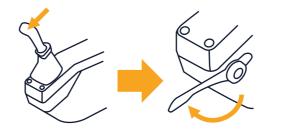
Small details can make a huge difference when it comes to safety and security. The HX300AL offers all-round protection for you, your workmates and your equipment. Its cab and engine hood feature a new design that allows maximum visibility, while

All-Around View Monitoring (AAVM) gives you a clear overview of your surroundings. By helping to ensure an accident-free worksite, the HX300AL contributes to the peace of mind and productivity that form part of the Hyundai Effect.

The All-Around View Monitoring (AAVM) camera system gives you a 360° overview of your immediate working environment. It also includes Intelligent Moving Object Detection (IMOD) technology that senses and warns you when people or objects come within five metres of the machine.

The open design of the cabin side door gives the operator a clear, unimpeded view to the exterior. The **door handle** design has also been redesigned for more convenient access.

"I can always see what's going on around me, even when weather conditions are poor or the machine is moving."







The auto safety lock feature prevents unintentional ignition. While the auto safety lock is activated, the excavator is not controlled by the RCV lever.





## **ADVANCED DIAGNOSTICS AND** SERVICING SUPPORT

"I have a constant overview

maintenance requirements

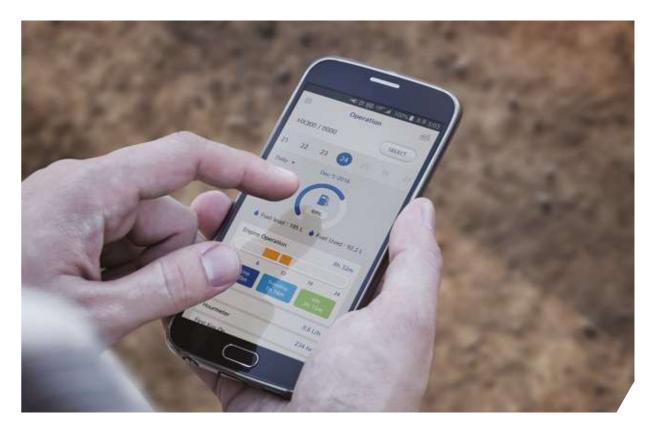
- plus advice and support

of performance and

whenever I need it."

The peace of mind that comes with quick, low-effort servicing is also part of the Hyundai Effect. The HX300AL is designed to make maintenance as convenient as possible. All components and materials have been optimised to ensure a long, trouble-free life. Hyundai's Hi Mate remote management system uses GPS satellite technology to provide the highest level of service and support. The HX300AL also features our new Engine Connected Diagnostics (ECD) system which immediately reports any engine failure to both Hi Mate and the engine manufacturer to ensure the fastest, easiest resolution.

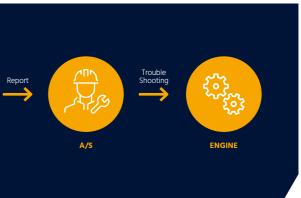




For maximum convenience and security, the HX300AL features Hyundai's exclusive Hi Mate remote fleet management system, which uses mobile data technology to provide the highest level of service and support. You can monitor your machines from any location via a dedicated website or mobile app, with access to working parameters like total engine hours, machine utilisation, actual performed working hours and fuel consumption and machine location. The system makes it easy to evaluate machine productivity and plan servicing and maintenance tasks, as well as any required cost saving measures. It also offers geofencing to protect your machines against theft and unauthorised usage.

ECD (Engine Connected Diagnostics) provides troubleshooting advice as well as tailored servicing and parts support from Cummins Quick Serve. Service technicians are supported with remote diagnostics reports allowing them to prepare for site visits and bring the right tools.





# READY FOR ACTION AND BUILT TO LAST

You need to know that the investment you make today will help to sustain your business over the long term. That's why we prioritised reliability throughout the development of the HX300AL, from design and manufacturing to quality control. We improved engine reliability by integrating exhaust aftertreatment and replacing EGR with a simplified, single-module system that's easier to maintain. The upper and lower frame structures are reinforced for high load work, while the attachments have been rigorously tested for the roughest conditions. The overall aim is to minimise downtime and repairs so that you can stay on schedule, avoid unexpected costs and protect your profits.





**High-grade hoses** with outstanding resistance to heat and pressure provide maximum durability, even in rough working conditions.



The engine and **exhaust aftertreatment** system are integrated for simplified control and maintenance. "Every detail has been reviewed and revised for reliable longterm performance. It means I can keep my promises and have better control of my equipment costs."

The reinforced **pins**, **bushings** and **polymer shims** are designed for an extended lifetime.

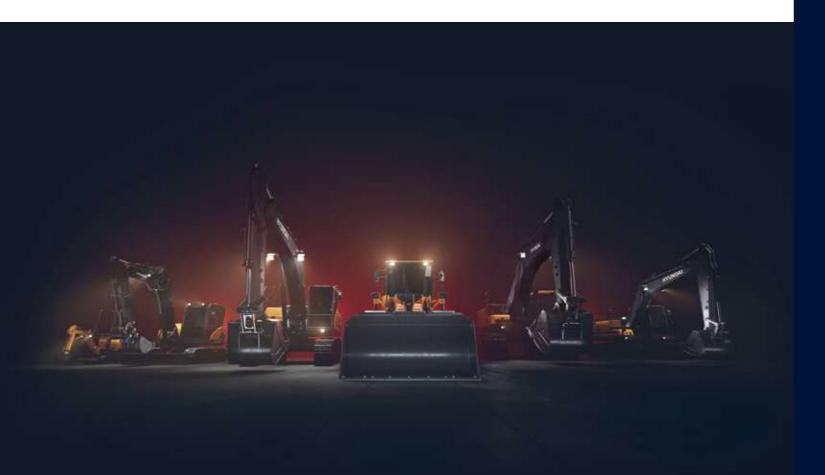


### FOCUSED TECHNOLOGIES FOR THE RESULTS YOU WANT

Hyundai's crawler excavators are designed to create better conditions for operators and deliver the ultimate ownership experience. Every detail is carefully fine-tuned to match your needs in the field, including better safety and comfort, higher productivity, maximum uptime and easy servicing. It's all part of the Hyundai Effect.

Explore the range at hyundai-ce.eu





### **SPECIFICATIONS**

ENGINE					
Maker / Model		Cummins B6.7 / S	STAGE V		
Туре		4-cycle turbochar	ged, charge air cooled diesel engine		
	SAE	J1,995 (Gross) 260 HP (194 kW) at 2,200			
Rated Flywheel	SAE	J1,349 (Net)	255 HP (190 kW) at 2,200 rpm		
Horse Power	DIN	6,271/1 (Gross)	264 PS (194 kW) at 2,200 rpm		
		6,271/1 (Net)	259 PS (190 kW) at 2,200 rpm		
Max. Power	÷	282 HP (210 kW) at 1,900 rpm			
Max. Torque		1,350 N/m (138 lb/ft) at 1,300 rpm			
Bore X Stroke		107 × 124 mm (4.21" × 4.88")			
Piston Displacem	iston Displacement		6,700 cc (543 cu in)		
Batteries		2 × 12 V × 160 Ah			
Starting Motor		Denso 24 V-4.8 k	W		
Alternator		Denso 24 V-95 A			

### HYDRAULIC SYSTEM

MAIN PUMP	
Туре	Variable displacement tandem axis piston pumps
Max. Flow	2 × 285 l/min (75.3 U.S. gpm / 62.7 U.K. gpm)
Sub-Pump For Pilot Circuit	Gear pump
Cross-sensing and fuel saving pump sy	ystem.

HYDRAULIC MOTORS			
Travel	Variable displacement axial piston motor		
Swing	Axial piston motor		
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/cm <sup>2</sup> (5,400 psi)		
Swing Circuit	300 kgf/cm <sup>3</sup> (4,270 psi)		
Pilot Circuit	40 kgf/cm <sup>2</sup> (570 psi)		
Service Valve	Installed		
HYDRAULIC CYLINDERS			
	Boom: Ø140 x 1,465 mm		
No. of Cylinder Bore X Stroke	Arm: Ø150 x 1,765 mm		
	Bucket: Ø135 x 1 185 mm		

### DRIVING AND BRAKING

Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	27,405 kgf (60,417 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 pe effortless and fatigueless operation.	dals with detachable lever provide almost
Pilot control	Two joysticks with one safety lever (LH): swing and arm, (RH): Boom and bucket
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 11.2 rpm

### **COOLANT & LUBRICANT CAPACITY**

	liter	US gal	UK gal
Fuel tank	500	132.1	110
Engine coolant	42	11.1	9.3
Engine oil	24.4	6.4	5.4
Swing Device	11	2.9	2.4
Final Drive (Each)	7.8	2.06	1.72
Hydraulic system (inluding tank)	330	87.2	72.6
Hydraulic tank	190	50.2	41.8
DEF/AdBlue®	70	18.5	15.5

### UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section traci 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

	v - ieg ryhe
Track frame	Pentagonal box type
Number of Shoes on each side	48 EA
Number of Carrier Rollers on each side	2 EA
Number of Track Rollers on each side	9 EA
Number of Rail Guards on each side	2 EA

### **OPERATING WEIGHT (APPROXIMATE)**

Shoes		Operating weight		Ground pressure
Туре	Width mm (in)	kg (lb)	kg (lb)	
		HX300AL	30,520 (67,290)	0.59 (8.35)
	600 (24")	HX300AL 2pcs boom	33,670 (74,230)	0.65 (9.22)
	600 (24 )	HX300A NL	30,400 (67,020)	0.59 (8.32)
		HX300A NL 2pcs boom	33,550 (73,970)	0.65 (9.18)
	700 (28")	HX300AL	31,080 (68,520)	0.51 (7.29)
Triple grouser		HX300AL 2pcs boom	34,230 (75,460)	0.56 (8.03)
g		HX300AL	31,450 (69,340)	0.45 (6.46)
	800 (32")	HX300AL 2pcs boom	34,600 (76,280)	0.50 (7.10)
		HX300AL Long Reach	33,590 (74,050)	0.48 (6.90)
	900 (36")	HX300AL	31,840 (70,200)	0.41 (5.85)
	900 (30 )	HX300AL 2pcs boom	34,990 (77,140)	0.45 (6.39)
Double grouser	700 (28")	HX300A HW	34,810 (76,740)	0.57 (8.15)

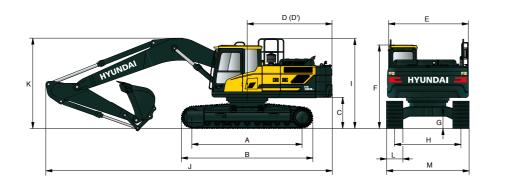
### AIR CONDITIONING SYSTEM

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 holds 0.8 kg refrigerant consisting of a  $CO_2$  equivalent of 1.14 metric tonnes. For more information, Please refer to the manual.

### **DIMENSIONS & WORKING RANGE**

### HX300AL / HX300ANL DIMENSIONS

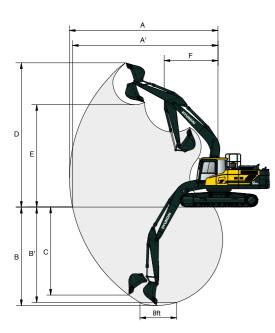
6.25 m (20' 6") BOOM and 2.1 m (6' 11"), 2.5 m (8' 2"), 3.05 m (10' 0"), 3.75 m (12' 4") ARM



А	Tumbler distance		4,030 (13' 3")			Π
В	Overall length of o	rawler	4,940 (16' 2")			Γ
С	Ground clearance	of counterweight	1,185 (3' 9")		J	
D	Tail swing radius		3,210 (10' 5")		K	
D'	Rear-end length		3,120 (10' 3")			
Е	Overall width of u	pperstructure	2,980 (9' 9")			
F	Overall height of o	abin	3,130 (10' 3")		м	1
G	Min. ground clear	ance	500 (1' 8")			ŀ
н	Trock source	HX300AL	2,600 (8' 6")			
п	Track gauge	HX300ANL	2,390 (7' 10")			
I	Overall height of g	guardrail	3,335 (10' 11")			

					Unit : mm (ft in)
Boom length			6,250	(20' 6")	
Arm length		2,100 (6' 11") 2,500 (8' 2") 3,050 (10' 0") 3,750 (12' 4			3,750 (12' 4")
Overall length		10,750 (35' 3")	10,700 (35' 1")	10,600 (34' 9")	10,670 (35' 0")
Overall heig	Overall height of boom         3,720 (12' 2")         3,560 (11' 8")         3,320 (10' 11")         3,570 (			3,570 (11' 9")	
Track shoe	Туре	Triple grouser			
ITACK SHOE	width	600 (1' 12")	600 (1' 12")	600 (1' 12")	600 (1' 12")
Overall	HX300AL	3,400 (11' 1")	3,400 (11' 1")	3,400 (11' 1")	3,400 (11' 1")
width	HX300ANL	2,990 (9' 10")	-	-	-

### HX300AL / HX300ANL WORKING RANGE

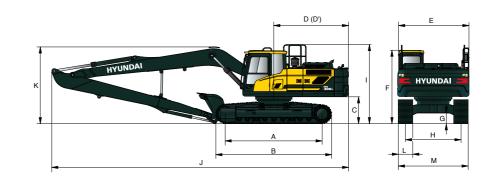


					Unit : mm (ft in)
	Boom length		6,250 (	(20' 6")	
	Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A	Max. digging reach	10,040 (32' 11")	10,310 (33' 10")	10,810 (35' 6")	11,420 (37' 6")
A'	Max. digging reach on ground	9,820 (32' 3")	10,100 (33' 2")	10,610 (34' 10")	11,230 (36' 10")"
В	Max. digging depth	6,380 (20' 11")	6,780 (22' 3")	7,330 (24' 1")	8,030 (25' 4")
В'	Max. digging depth (8' level)	6,180(20' 3")	6,600 (21' 8")	7,170 (23' 6")	7,890 (25' 11")
С	Max. vertical wall digging depth	5,910 (19' 5")	5,760 (18' 11")	6,280 (20' 7")	6,990 (22' 11")
D	Max. digging height	10,130 (33' 3")	9,980 (32' 9")	10,200 (33' 6")	10,410 (34' 2")
E	Max. dumping height	6,990 (22' 11")	6,930 (22' 9")	7,150 (23' 5")	7,360 (24' 2")
F	Min. front swing radius	4,420 (14' 6")	4,320 (14' 2")	4,270 (14' 0")	4,220 (13' 10")

### **DIMENSIONS & WORKING RANGE**

### HX300AL LONG REACH DIMENSIONS

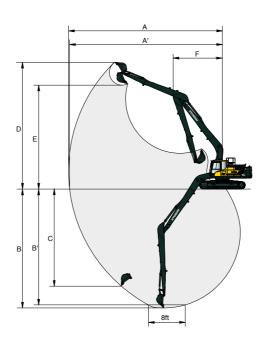
10.2 m (33' 6") BOOM and 7.85 m (25' 9") ARM



А	Tumbler distance	4,030 (13' 3")	
В	Overall length of crawler	4,940 (16' 2")	
С	Ground clearance of counterweight	1,185 (3' 9")	
D	Tail swing radius	3,210 (10' 5")	
D'	Rear-end length	3,120 (10' 3")	
Е	Overall width of upperstructure	2,980 (9' 9")	
F	Overall height of cabin	3,130 (10' 3")	
G	Min. ground clearance	500 (1' 8")	
Н	Track gauge	2,600 (8' 6")	
I	Overall height of guardrail	3,335 (10' 9")	

	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
	Overall length	14,600 (47' 11")
	Overall height of boom	3,560 (11' 8")
	Track shoe width	800 (2' 7")
	Overall width	3,400 (11' 2")

### HX300AL / HX300ANL LONG REACH WORKING RANGE



Unit : mm (ft in)

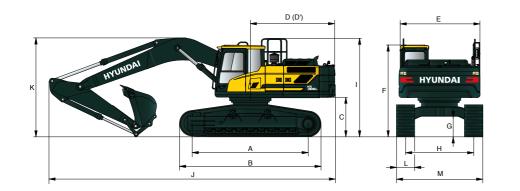
Unit : mm (ft in)

	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
A	Max. digging reach	18,530 (60' 10")
A'	Max. digging reach on ground	18,410 (60' 5")
В	Max. digging depth	14,740 (48' 4")
В'	Max. digging depth (8' level)	14,660 (48' 1")
с	Max. vertical wall digging depth	13,700 (44' 11")
D	Max. digging height	14,590 (47' 10")
E	Max. dumping height	12,270 (40' 3")
F	Min. front swing radius	6,270 (20' 7")

### **DIMENSIONS & WORKING RANGE**

### HX300AL HIGH WALKER DIMENSIONS

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

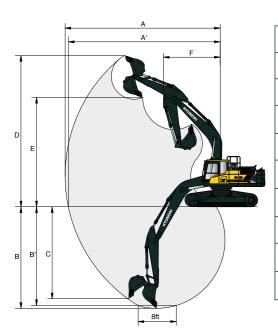


Unit : mm (ft in)

Α	Tumbler distance	4,030 (13' 3")
В	Overall length of crawler	4,940 (16' 2")
С	Ground clearance of counterweight	1,490 (4' 9")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
Е	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cabin	3,430 (11' 9")
G	Min. ground clearance	765 (2' 6")
Н	Track gauge	2,870 (9' 5")
T	Overall height of guardrail	3,640 (11' 9")

		Boom length			6,250	(20' 6")		10,200 (33' 6")					
	ſ	Arm length		2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")					
J		Overall length		10,730 (35' 2")	10,640 (34' 11")	10,530 (34' 7")	14,470 (47' 6")						
K		Overall height	of boom	3,830 (12' 7")	3,830 (12' 7") 3,660 (12' 0") 3,440 (11' 3") 3,540 (11' 7") 3,610 (11' 10")								
Γ.	Т	Track shoe	Туре	Double grouser									
		Track shoe	Width			700 (2' 4")							
M	1	Overall width	·	3,570 (11' 9")									

### HX300AL HIGH WALKER WORKING RANGE

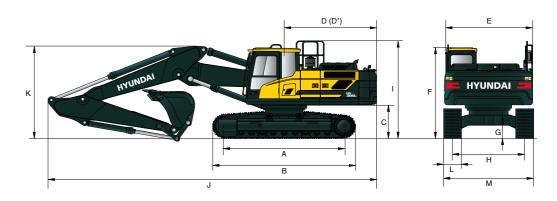


						Unit : mm (ft in)						
	Boom length		040 (32' 11")         10,310 (33' 10")         10,810 (35' 6")         11,420 (37' 6')           750 (32' 0")         10,020 (32' 10")         10,540 (34' 7")         11,170 (36' 8')           060 (19' 11")         6,460 (21' 2")         7,330 (24' 1")         7,710 (25' 4")           860 (19' 3")         6,280 (20' 7")         7,170 (23' 6")         7,570 (24' 10')									
	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	9,750 (32' 0")	10,020 (32' 10")	10,540 (34' 7")	11,170 (36' 8")	18,370 (60' 3")						
В	Max. digging depth	6,060 (19' 11")	6,460 (21' 2")	7,330 (24' 1")	7,710 (25' 4")	14,420 (47' 4")						
B'	Max. digging depth (8' level)	5,860 (19' 3")	6,280 (20' 7")	7,170 (23' 6")	7,570 (24' 10")	14,340 (47' 1")						
С	Max. vertical wall digging depth	5,590 (18' 4")	5,440 (17' 10")	6,280 (20' 7")	6,670 (21' 11")	13,380 (43' 11")						
D	Max. digging height	10,450 (34' 3")	10,300 (33' 10")	10,200 (33' 6")	10,730 (35' 2")	14,910 (48' 11")						
E	Max. dumping height	7,320 (24' 0")	7,250 (23' 9")	7,150 (23' 5")	7,680 (25' 2")	12,590 (41' 4")						
F	Min. front swing radius	4,420 (14' 6")	4,320 (14' 2")	4,270 (14' 0")	4,220 (13' 10")	6,270 (20' 7")						

### **DIMENSIONS & WORKING RANGE**

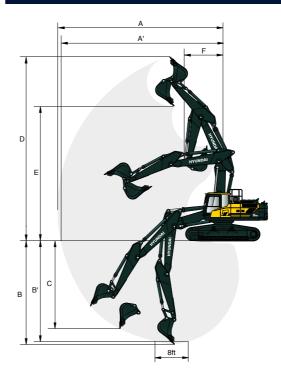
### HX300AL / HX300A NL 2-PIECE BOOM DIMENSIONS

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



Α	Tumbler distance		4,030 (13' 3")	] [		Boom length			6,250	(20' 6")			
В	Overall length of cr	awler	4,940 (16' 2")			Arm length		3,050 (10' 0")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")		
С	Ground clearance of	of counterweight	1,185 (3' 9")	1 [	J	Overall length		10,740 (35' 3")	10,700 (35' 1")	10,650 (34' 11")	10,670 (35' 0")		
D	Tail swing radius		3,210 (10' 5")	] [	Κ	Overall height	of boom	3,510 (11' 6")	3,420 (11' 3")	3,290 (10' 10")	3,580 (11' 9")		
D'	Rear-end length		3,120 (10' 3")	] [		Track shoe wid	Jeh	Triple grouser					
E	Overall width of up	Overall width of upperstructure			L	Hack Slive wildli		600 (1' 12")	700 (2' 4")	800 (2' 7")	900 (2' 11")		
F	Overall height of ca	abin	3,130 (10' 3")	[	М	Overall width	HX300AL	3,200 (10' 6")	3,300 (10' 10")	3,400 (11' 2")	3,500 (11' 5")		
G	Min. ground cleara	nce	500 (1' 8")		IVI	Overall width	HX300ANL	2,980 (9' 9")	-	-	-		
Н	Track gauge	HX300AL	2,600 (8' 6")	-									
	HX300ANL		2,390 (7' 10")	]									
1	Overall height of g	Jardrail	3,335 (10' 11")										

### HX300AL / HX300A NL 2-PIECE BOOM DIMENSIONS WORKING RANGE



Unit : mm (ft in)

Unit : mm (ft in)

					· · · ·
	Boom length		6,250	(20' 6")	
	Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A	Max. digging reach	10,080 (33' 1")	10,360 (34' 0")	10,870 (35' 8")	11,500 (37' 9")
A'	Max. digging reach on ground	9,860 (32' 4")	10,150 (33' 4")	10,670 (35' 0")	11,310 (37' 1")
В	Max. digging depth	5,870 (19' 3")	6,220 (20' 5")	6,760 (22' 2")	7,440 (24' 5")
B'	Max. digging depth (8' level)	5,760 (18' 11")	6,120 (20' 1")	6,670 (21' 11")	7,350 (24' 1")
С	Max. vertical wall digging depth	4,950 (16' 3")	5,150 (16' 11")	5,690 (18' 8")	6,390 (21' 0")
D	Max. digging height	11,590 (38' 0")	11,730 (38' 6")	12,140 (39' 10")	12,600 (41' 4")
E	Max. dumping height	8,360 (27' 5")	8,500 (27' 11")	8,910 (29' 3")	9,370 (30' 9")
F	Min. front swing radius	3,200 (10' 6")	2,920 (9' 7")	2,650 (8' 8")	2,870 (9' 5")

### **BUCKET SELECTION GUIDE & DIGGING FORCE**

### BUCKETS

All buckets are welded with high-strength steel.









2pcs

L/Reach

	1.27 (1.66)	1.27 (1.66)	1.28 (1.67)	1.33 (1.74)	★ 0.52 (0.68)	0.55 (0.72)
SAE heaped	1.50 (1.96)	1.46 (1.91)		<b>1.50</b> (1.96)		
m³ (yd³)	1.73 (2.26)					

		1.85 (2.42)									
								F	Recommendat	tion mm (ft.in	1)
Capaci	ty	w	idth				Mo	ono			
m³ (yd	3)	mm	ı (in)	Weight kg (lb)	Tooth EA		6,250 (20	' 6") Boom		6,250 (2	20'
SAF	CECE	Without	With			2,100	2,500	3.050	3.750	2,100	

	m³ (yo	13)	mm	ı (in)	Weight kg (lb)	Tooth EA		6,250 (20	' 6") Boom		6,250 (2	10,200 (33' 6") Boom		
	SAE heaped	CECE heaped	Without side cutters	With side cutters			2,100 Arm	2,500 Arm	3,050 Arm	3,750 Arm	2,100 Arm	2,500 Arm	3,050 Arm	7,850 Arm
	1.27 (1.66)	1.11 (1.45)	1,325 (52)	1,410 (55.5)	1,135 (2,500)	5	•	•	0		•	•	•	-
	1.50 (1.96)	1.30 (1.70)	1,515 (60)	1,600 (63.0)	1,225 (2,700)	5	0	0			•	•	0	-
	1.73 (2.26)	1.51 (1.98)	1,605 (63)	1,690 (66.5)	1,310 (2,890)	6				-	0	0		-
	1.85 (2.42)	1.61 (2.11)	1,700 (67)	1,780 (70.1)	1,355 (2,990)	6				-	0	0		-
۲	1.27 (1.66)	1.11 (1.45)	1,380 (54)	-	1,305 (2,880)	5	•	•	0		•	•	•	-
۲	1.46 (1.91)	1.28 (1.67)	1,535 (60)	-	1,395 (3,080)	5	0	0			•	•	0	-
۲	1.28 (1.67)	1.12 (1.46)	1,230 (48)	1,300 (51)	1,285 (2,830)	5	•	•	0		•	•	•	-
	1.33 (1.74)	1.16 (1.52)	1,420 (56)	-	1,490 (3,280)	5	0	0			•	•	0	-
	1.50 (1.96)	1.30 (1.70)	1,550 (61)	-	1,575 (3,470)	5					•	•	0	-
*	0.52 (0.68)	0.45 (0.59)	945 (37)	1,020 (40.2)	470 (1,040)	5	-	-	-	-	-	-	-	
۲	0.55 (0.72)	0.45 (0.59)	1,800 (71)	-	590 (1,300)	-	-	-	-	-	-	-	-	

Heavy duty bucket

Rock-Heavy duty bucket

 $\star$  Long reach bucket

Slope finishing bucket

• Applicable for materials with density of 2,100 kgf/m<sup>3</sup> (3,500 lbf/yd<sup>3</sup>) or less

Applicable for materials with density of 1,800 kgf/m<sup>3</sup> (3,000 lbf/y<sup>3</sup>) or less
 Applicable for materials with density of 1,500 kgf/m<sup>3</sup> (2,500 lbf/y<sup>3</sup>) or less

▲ Applicable for materials with density of 1,200 kgf/m3<sup>3</sup> (2,000 lbf/yd<sup>3</sup>) or less

### ATTACHMENT

Booms and arms are welded with a 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"), 3,050 mm (10' 0"), 3,750 mm (12' 4"), 7,850 mm (25' 9"), Arms are available.

DIGGING F	ORCE							
Boom	Length	mm (ft.in)		6,250	(20' 6")		10,200 (33' 6")	
BOOIII	Weight	kg (lb)		2,780	(6,130)		3,530 (7,780)	Remarks:
Arm	Length	mm (ft.in)	2,100 (6' 11")	2,500 (8' 22")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	nemarks.
Am	Weight	kg (lb)	1,345 (2,970)	1,430 (3,150)	1,545 (3,410)	1,675 (3,690)	1,685 (3,710)	
		kN	164.8 [179.8]	165.7 [180.8]	165.7 [180.8]	166.7 [181.9]	70.6	
	SAE	kgf	16,800 [18,330]	16,900 [18,440]	16,900 [18,440]	17,000 [18,550]	7,200	
Bucket		lbf	37,040 [40,410]	37,260 [40,650]	37,260 [40,650]	37,480 [40,900]	15,870	
digging force		kN	191.2 [208.6]	191.2 [208.6]	192.2 [209.7]	192.2 [209.7]	82.4	
	ISO	kgf	19,500 [21,270]	19,500 [21,270]	19,600 [21,380]	19,600 [21,380]	8,400	
		lbf	42,990 [46,890]	42,990 [46,890]	43,210 [47,130]	43,210 [47,130]	18,520	[]: Power Boost
		kN	180.4 [196.8]	155.9 [170.1]	131.4 [143.4]	114.7 [125.1]	47.1	[ ]. FOWEI DOOSL
	SAE	kgf	18,400 [20,070]	15,900 [17,350]	13,400 [14,620]	11,700 [12,780]	4,800	
Arm		lbf	40,570 [44,250]	35,050 [38,250]	29.540 [32,230]	25,790 [28,130]	10,580	
crowd force		kN	190.3 [207.5]	163.8 [178.7]	136.3 [148.7]	119.6 [130.5]	48.1	
	ISO	kgf	19,400 [21,160]	16,700 [18,220]	13,900 [15,160]	12,200 [13,310]	4,900	
		lbf	42,770 [46,650]	36,820 [40,170]	30,640 [33,420]	26,900 [29,340]	10,800	

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

Rating over-front Rating over-side or 360 degrees

### HX300AL

#### 6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

							Lift-poir	nt radius						A	At max. Reac	h
Lift-po		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)	Cap	acity	Reach
heigh m (ft		÷	<b>-</b>	ŀ		ŀ		ŀ	<b>-</b>	ŀ	<u>ل</u>	ŀ		ŀ	<b>-</b>	m (ft)
7.5 m (24.6 ft)	kg Ib													*4,400 *9,700	*4,400 *9,700	7.38 (24.2)
6.0 m (19.7 ft)	kg Ib									*6,760 *14,900	6,090 13,430			*4,210 *9,280	*4,210 *9,280	8.30 (27.2)
4.5 m (14.8 ft)	kg Ib					*10,020 *22,090	*10,020 *22,090	*8,140 *17,950	*8,140 *17,950	*7,220 *15,920	5,890 12,990			*4,200 *9,260	*4,200 *9,260	8.86 (29.1)
3.0 m	kg Ib					*12,900	11,920 26,280	*9,490	7,840	*7,900	5,610 12,370	*5,480 *12,080	4,150 9,150	*4,340	4,030 8,880	9.14 (30.0)
(9.8 ft) 1.5 m	kg					*15,060	10,880	*10,710	7,300	8,440	5,310	*6,180	4,000	*4,640	3,870	9.17
(4.9 ft) Ground	lb kg					*33,200 *15,890	23,990 10,310	*23,610 11,460	16,090 6,900	18,610 8,160	11,710 5,050	*13,620	8,820	*10,230 *5,150	8,530 3,890	(30.1) 8.94
Line	lb					*35,030	22,730	25,260	15,210	17,990	11,130			*11,350	8,580	(29.3)
-1.5 m	kg	*7,640	*7,640	*11,090	*11,090	*15,730	10,060	11,170	6,650	7,970	4,880			*6,050	4,130	8.44
(-4.9 ft)	lb	*16,840	*16,840	*24,450	*24,450	*34,680	22,180	24,630	14,660	17,570	10,760			*13,340	9,110	(27.7)
-3.0 m	kg Ib	*13,090	*13,090	*17,900	*17,900	*14,740 *32,500	10,000	*11,060	6,560 14.460	7,910	4,830			7,750	4,740 10.450	7.61 (25.0)
(-9.8 ft) -4.5 m	kg	*28,860	*28,860	*39,460 *17,250	*39,460 *17,250	*12,500	22,050 10,130	*24,380 *9,180	6,660	17,440	10,650			17,090 *8,450	6,220	6.31
(-14.8 ft)	lb			*38,030	*38,030	*27,650	22,330	*20,240	14,680					*18,630	13,710	(20.7)

#### 6.25 m (20' 6'') boom, 2.1 m (6' 11'') arm equipped with 5,100 kg counter weight and 600 mm (24'') Triple grouser shoe

				Lift-poir	nt radius					At max. Reach	
Lift-point	3.0 m	(9.8 ft)	4.5 m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Сар	acity	Reach
height m (ft)	ŀ		ŀ			<b>-</b>	ŀ	<b>-</b>		<b>-</b>	m (ft)
7.5 m kg					*8,070	*8,070			*8,230	7,750	6.40
(24.6 ft) Ib					*17,790	*17,790			*18,140	17,090	(21.0)
6.0 m kg					*8,290	*8,290			*7,990	5,940	7.44
(19.7 ft) Ib					*18,280	*18,280			*17,610	13,100	(24.4)
4.5 m kg					*9,270	8,150	*8,110	5,760	7,860	5,060	8.06
(14.8 ft) Ib					*20,440	17,970	*17,880	12,700	17,330	11,160	(26.5)
3.0 m kg					*10,480	7,630	*8,620	5,520	7,230	4,610	8.37
(9.8 ft)   Ib	ĺ				*23,100	16,820	*19,000	12,170	15,940	10,160	(27.5)
1.5 m kg					*11,430	7,170	8,380	5,260	7,020	4,430	8.40
(4.9 ft) Ib					*25,200	15,810	18,470	11,600	15,480	9,770	(27.6)
Ground kg					11,400	6,870	8,160	5,070	7,210	4,500	8.15
Line Ib	ĺ				25,130	15,150	17,990	11,180	15,900	9,920	(26.8)
-1.5 m kg			*15,200	10,170	11,230	6,730	8,060	4,980	7,910	4,900	7.60
(-4.9 ft) Ib	ĺ		*33,510	22,420	24,760	14,840	17,770	10,980	17,440	10,800	(24.9)
-3.0 m kg	*17,600	*17,600	*13,580	10,220	*10,280	6,740			*8,750	5,880	6.66
(-9.8 ft) Ib	*38,800	*38,800	*29,940	22,530	*22,660	14,860			*19,290	12,960	(21.9)
-4.5 m kg			*10,000	*10,000					*8,240	*8,240	5.12
(-14.8 ft) Ib	ĺ		*22,050	*22,050		ĺ			*18,170	*18,170	(16.8)

 Lifting capacity is based on ISO 10567.
 Lifting capacity of HX 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.

### **LIFTING CAPACITY**

### HX300AL

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouse	r shoe.

						Lift-poir	nt radius						At max. Reach	
Lift-point	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)	Сар	acity	Reach
height m (ft)	ŀ		-Ð	ŀ		ŀ		ŀ		ŀ		ŀ		m (ft)
7.5 m kg								*7,410	*7,410			*6,770 *14,930	*6,770	6.74
(24.6 ft) Ib 6.0 m kg								*16,340 *7,780	*16,340 *7.780	*7,410	5,980	*6,440	*14,930 5,640	(22.1) 7.74
(19.7 ft) Ib								*17,150	*17,150	*16,340	13,180	*14,200	12,430	(25.4)
4.5 m kg						*11,180	*11,180	*8,810	8,250	*7,740	5,820	*6,420	4,840	8.34
(14.8 ft) Ib		İ	İ			*24,650	*24,650	*19,420	18,190	*17,060	12,830	*14,150	10,670	(27.4)
3.0 m kg	3					*14,020	11,540	*10,080	7,710	*8,330	5,550	*6,640	4,410	8.64
(9.8 ft) Ib						*30,910	25,440	*22,220	17,000	*18,360	12,240	*14,640	9,720	(28.3)
1.5 m kg	1							*11,150	7,220	8,400	5,280	6,710	4,230	8.67
(4.9 ft) Ib								*24,580	15,920	18,520	11,640	14,790	9,330	(28.4)
Ground kg	3					*16,030	10,250	11,420	6,880	8,150	5,060	6,850	4,280	8.43
Line Ib						*35,340	22,600	25,180	15,170	17,970	11,160	15,100	9,440	(27.6)
-1.5 m kg	1			*11,140	*11,140	*15,490	10,110	11,200	6,690	8,010	4,930	7,440	4,600	7.89
(-4.9 ft) Ib				*24,560	*24,560	*34,150	22,290	24,690	14,750	17,660	10,870	16,400	10,140	(25.9)
-3.0 m kg	3			*19,040	*19,040	*14,130	10,120	*10,700	6,660			*8,730	5,420	6.99
(-9.8 ft)   Ib				*41,980	*41,980	*31,150	22,310	*23,590	14,680			*19,250	11,950	(22.9)
-4.5 m kg	3			*15,060	*15,060	*11,270	10,340					*8,760	7,630	5.55
(-14.8 ft) Ib				*33,200	*33,200	*24,850	22,800					*19,310	16,820	(18.2)

#### 6.25 m (20' 6") boom, 2.85 m (9' 4") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

							Lift-poir	nt radius						A	At max. Reach	ı
Lift-po		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)	Cap	acity	Reach
heigh m (ft		ŀ	-	÷.		ŀ	- E	ŀ		-	- <b>E</b> )	ŀ	- <b>E</b> )	ŀ	- <b>E</b>	m (ft)
7.5 m (24.6 ft)	kg Ib													*5,060 *11,160	*5,060 *11,160	7.14 (23.4)
6.0 m (19.7 ft)	kg Ib							*7,300 *16,090	*7,300 *16,090	*6,950 *15,320	6,020 13,270			*4,840 *10,670	*4,840 *10,670	8.08 (26.5)
4.5 m (14.8 ft)	kg Ib					*10,390 *22,910	*10,390 *22,910	*8,350 *18,410	8,310 18,320	*7,370 *16,250	5,830 12,850			*4,830 *10,650	4,530 9,990	8.66 (28.4)
3.0 m (9.8 ft)	kg Ib					*13,240 *29,190	11,720 25,840	*9,660 *21,300	7,750 17,090	*8,010 *17,660	5,550 12,240			*5,000 *11,020	4,140 9,130	8.95 (29.4)
1.5 m (4.9 ft)	kg Ib					*15,240 *33,600	10,720 23,630	*10,820 *23,850	7,220 15,920	8,380 18,470	5,250 11,570			*5,350 *11,790	3,970 8,750	8.98 (29.5)
Ground Line	kg Ib					*15,880 *35,010	10,210 22,510	11,380 25,090	6,830 15,060	8,110 17,880	5,010 11,050			*5,970 *13,160	4,000 8,820	8.75 (28.7)
-1.5 m (-4.9 ft)	kg Ib			*11,320 *24,960	*11,320 *24,960	*15,590 *34,370	9,990 22,020	11,120 24,520	6,610 14,570	7,940 17,500	4,860 10,710			6,930 15,280	4,270 9,410	8.23 (27.0)
-3.0 m (-9.8 ft)	kg Ib	*13,940 *30,730	*13,940 *30,730	*19,020 *41,930	*19,020 *41,930	*14,460 *31,880	9,970 21,980	*10,890 *24,010	6,540 14,420					8,110 17,880	4,940 10,890	7.38 (24.2)
-4.5 m (-14.8 ft)	kg Ib			*16,410 *36,180	*16,410 *36,180	*12,060 *26,590	10,140 22,350	*8,640 *19,050	6,690 14,750					*8,570 *18,890	6,650 14,660	6.03 (19.8)

1. Lifting capacity is based on ISO 10567.

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



### Rating over-front Rating over-side or 360 degrees

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

Rating over-front Rating over-side or 360 degrees

### HX300AL

#### 6.25 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

							Lift-poir	nt radius						A	At max. Reac	h
Lift-po		1.5 m	(4.9 ft)	3.0 m	(10 ft)	4.5 m	(15 ft)	6.0 m	(20 ft)	7.5 m	(25 ft)	9.0 m (	29.5 ft)	Cap	acity	Reach
heig m (f		ŀ		ŀ		ŀ		ŀ		ŀ	<b>-</b>	ŀ		ŀ	<b>-</b>	m (ft)
9.0 m	kg													*3,820	*3,820	6.87
(29.5 ft)	lb													*8,420	*8,420	(22.5)
7.5 m	kg									*5,120	*5,120			*3,490	*3,490	8.14
(24.6 ft)	lb									*11,290	*11,290			*7,690	*7,690	(26.7)
6.0 m	kg									*6,010	*6,010			*3,370	*3,370	8.97
(19.7 ft)	lb									*13,250	*13,250			*7,430	*7,430	(29.4)
4.5 m	kg							*7,250	*7,250	*6,570	6,010	*5,230	4,380	*3,370	*3,370	9.50
(14.8 ft)	lb							*15,980	*15,980	*14,480	13,250	*11,530	9,660	*7,430	*7,430	(31.2)
3.0 m	kg					*11,450	*11,450	*8,680	8,040	*7,330	5,700	*6,440	4,220	*3,490	*3,490	9.76
(9.8 ft)	lb					*25,240	*25,240	*19,140	17,730	*16,160	12,570	*14,200	9,300	*7,690	*7,690	(32.0)
1.5 m	kg					*14,020	11,230	*10,060	7,440	*8,110	5,37	6,390	4,030	*3,720	3,490	9.79
(4.9 ft)	lb					*30,910	24,760	*22,180	16,400	*17,880	11,84	14,090	8,880	*8,200	7,690	(32.1)
Ground	kg			*6,810	*6,810	*15,440	10,460	*11,060	6,960	8,190	5,070	6,200	3,860	*4,100	3,490	9.58
Line	lb			*15,010	*15,010	*34,040	23,060	*24,380	15,340	18,060	11,180	13,670	8,510	*9,040	7,690	(31.4)
-1.5 m	kg	*7,060	*7,060	*10,560	*10,560	*15,790	10,050	11,180	6,650	7,950	4,860	*5,710	3,730	*4,750	3,660	9.11
(-4.9 ft)	lb	*15,560	*15,560	*23,280	*23,280	*34,810	22,160	24,650	14,660	17,530	10,710	*12,590	8,220	*10,470	8,070	(29.9)
-3.0 m	kg	*11,090	*11,090	*15,460	*15,460	*15,260	9,890	10,990	6,480	7,820	4,740			*5,900	4,090	8.35
(-9.8 ft)	lb	*24,450	*24,450	*34,080	*34,080	*33,640	21,800	24,230	14,290	17,240	10,450	ĺ		*13,010	9,020	(27.4)
-4.5 m	kg	*15,980	*15,980	*19,530	*19,530	*13,710	9,930	*10,210	6,480					*7,970	5,060	7.19
(-14.8 ft)	lb	*35,230	*35,230	*43,060	*43,060	*30,230	21,890	*22,510	14,290	ĺ				*17,570	11,160	(23.6)
-6.0 m	kg			*14,480	*14,480	*10,280	10,220							*8,200	7,860	5.38
(-19.7 ft)	lb		İ	*31,920	*31,920	*22,660	22,530			İ	İ	ĺ		*18,080	17,330	(17.6)

### HX300AL 2-PIECE BOOM

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 7,500 kg counter weight and 600 mm (24") Triple grouser shoe.

						Lift-poir	nt radius						At max. Reach	
Lift-poi		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)	Cap	acity	Reach
heigh m (ft)		ŀ	<b>-</b>	ŀ		ŀ	<b>=</b>	ŀ	<b>-</b>	ŀ	<b>=</b>	ŀ	<b>=</b>	m (ft)
10.5 m	kg											*7,620	*7,620	3.56
(34.4 ft)	lb											*16,800	*16,800	(11.7)
9.0 m	kg			*8,810	*8,810	*5,960	*5,960					*5,620	*5,620	6.06
(29.5 ft)	lb			*19,420	*19,420	*13,140	*13,140					*12,390	*12,390	(19.9)
7.5 m	kg			*8,650	*8,650	*8,260	*8,260					*4,980	*4,980	7.46
(24.6 ft)	lb			*19,070	*19,070	*18,210	*18,210					*10,980	*10,980	(24.5)
6.0 m	kg			*9,620	*9,620	*8,570	*8,570	*7,080	6,960			*4,730	*4,730	8.37
(19.7 ft)	lb			*21,210	*21,210	*18,890	*18,890	*15,610	15,340			*10,430	*10,430	(27.5)
4.5 m	kg			*13,210	*13,210	*9,420	*9,420	*7,380	6,780			*4,690	*4,690	8.93
(14.8 ft)	lb			*29,120	*29,120	*20,770	*20,770	*16,270	14,950			*10,340	*10,340	(29.3)
3.0 m	kg			*17,280	13,690	*10,840	9,030	*7,900	6,530	*6,330	4,960	*4,800	4,780	9.21
(9.8 ft)	lb			*38,100	30,180	*23,900	19,910	*17,420	14,400	*13,960	10,930	*10,580	10,540	(30.2)
1.5 m	kg			*18,620	12,860	*12,630	8,590	*8,530	6,300	*6,550	4,860	*5,080	4,670	9.24
(4.9 ft)	lb			*41,050	28,350	*27,840	18,940	*18,810	13,890	*14,440	10,710	*11,200	10,300	(30.3)
Ground	kg			*18,240	12,520	13,460	8,320	*9,100	6,140	*5,760	4,800	*5,580	4,790	9.01
Line	lb			*40,210	27,600	29,670	18,340	*20,060	13,540	*12,700	10,580	*12,300	10,560	(29.6)
-1.5 m	kg	*12,150	*12,150	*16,610	12,480	*12,770	8,220	*9,440	6,080			*6,440	5,170	8.51
(-4.9 ft)	lb	*26,790	*26,790	*36,620	27,510	*28,150	18,120	*20,810	13,400			*14,200	11,400	(27.9)
-3.0 m	kg			*13,800	12,630	*10,810	8,290	*7,800	6,170			*7,270	5,990	7.69
(-9.8 ft)	lb			*30,420	27,840	*23,830	18,280	*17,200	13,600			*16,030	13,210	(25.2)

1. Lifting capacity is based on ISO 10567.

2. Lifting capacity of HX 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**

### HX300AL 2-PIECE BOOM

6.25 m (20		,	(			nt radius	( )	1 3			At max. Reach	
1 ift an ini						1	(		(			
Lift-point height	τL	3.0 m	(10 ft)	4.5 m	(15 ft)	6.0 m	(20 ft)	7.5 m	(25 ft)	Сар	acity	Reach
m (ft)		ŀ	<b>–</b>	ŀ		ŀ		ŀ		ŀ	<b>—</b>	m (ft)
9.0 m	kg			*12,080	*12,080					*11,730	*11,730	4.73
(29.5 ft)	lb			*26,630	*26,630					*25,860	*25,860	(15.5)
7.5 m	kg			*11,420	*11,420	*9,410	*9,410			*9,160	8,690	6.44
(24.6 ft)	lb			*25,180	*25,180	*20,750	*20,750			*20,190	19,160	(21.1)
6.0 m	kg			*12,590	*12,590	*9,580	*9,580			*8,070	6,800	7.48
(19.7 ft)	lb			*27,760	*27,760	*21,120	*21,120			*17,790	14,990	(24.5)
4.5 m	kg					*10,540	9,320	*8,110	6,690	*7,600	5,910	8.10
(14.8 ft)	lb					*23,240	20,550	*17,880	14,750	*16,760	13,030	(26.6)
3.0 m	kg					*12,130	8,880	*8,570	6,500	*7,490	5,490	8.41
(9.8 ft)	lb					*26,740	19,580	*18,890	14,330	*16,510	12,100	(27.6)
1.5 m	kg					13,690	8,550	*9,120	6,320	*7,680	5,390	8.44
(4.9 ft)	lb					30,180	18,850	*20,110	13,930	*16,930	11,880	(27.7)
Ground	kg					*13,360	8,390	*9,540	6,230	*8,210	5,580	8.19
Line	lb					*29,450	18,500	*21,030	13,730	*18,100	12,300	(26.9)
-1.5 m	kg			*14,640	12,760	*11,860	8,390	*8,700	6,280	*8,210	6,150	7.64
(-4.9 ft)	lb			*32,280	28,130	*26,150	18,500	*19,180	13,850	*18,100	13,560	(25.1)
-3.0 m	kg					*8,800	8,580					. /
(-9.8 ft)	IĎ İ		i i			*19,400	18,920					

### 6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 7,500 kg counter weight and 600 mm (24") Triple grouser shoe.

					Lift-poir	nt radius					At max. Reach	
Lift-poi		3.0 m	(9.8 ft)	4.5 m (	(14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Сар	acity	Reach
height m (ft)		ŀ		ŀ		ŀ	<b>-</b>	ŀ		ŀ		m (ft)
9.0 m	kg			*9,920	*9,920					*8,890	*8,890	5.23
(29.5 ft)	lb			*21,870	*21,870					*19,600	*19,600	(17.1)
7.5 m	kg			*9,860	*9,860	*8,870	*8,870			*7,710	*7,710	6.81
(24.6 ft)	lb			*21,740	*21,740	*19,550	*19,550			*17,000	*17,000	(22.4)
6.0 m	kg	*12,360	*12,360	*11,330	*11,330	*9,140	*9,140	*7,560	6,870	*7,280	6,420	7.80
(19.7 ft)	lb	*27,250	*27,250	*24,980	*24,980	*20,150	*20,150	*16,670	15,150	*16,050	14,150	(25.6)
4.5 m	kg			*14,830	14,490	*10,060	9,410	*7,790	6,730	*7,000	5,620	8.40
(14.8 ft)	lb			*32,690	31,940	*22,180	20,750	*17,170	14,840	*15,430	12,390	(27.5)
3.0 m	kg					*11,580	8,940	*8,290	6,510	*6,930	5,230	8.70
(9.8 ft)	lb					*25,530	19,710	*18,280	14,350	*15,280	11,530	(28.5)
1.5 m	kg					*13,370	8,560	*8,880	6,310	*7,120	5,110	8.72
(4.9 ft)	lb					*29,480	18,870	*19,580	13,910	*15,700	11,270	(28.6)
Ground	kg			*17,650	12,570	13,480	8,350	*9,370	6,190	*7,410	5,270	8.48
Line	lb			*38,910	27,710	29,720	18,410	*20,660	13,650	*16,340	11,620	(27.8)
-1.5 m	kg			*15,580	12,620	*12,300	8,320	*9,390	6,180	*8,330	5,750	7.95
(-4.9 ft)	lb			*34,350	27,820	*27,120	18,340	*20,700	13,620	*18,360	12,680	(26.1)
-3.0 m	kg			*12,320	*12,320	*9,780	8,450			*7,330	6,850	7.06
(-9.8 ft)	lb			*27,160	*27,160	*21,560	18,630			*16,160	15,100	(23.2)

1. Lifting capacity is based on ISO 10567.

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



### Rating over-front Rating over-side or 360 degrees

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

### HX300AL LONG REACH

### 10.20 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 7,000 kg counter weight and 800 mm (32") Triple grouser shoe.

						Lift-poir	nt radius					
Lift-point height	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)	9.0m (	29.5ft)
m (ft)	ŀ		ŀ		ŀ		ŀ		ŀ		ŀ	<b>-</b>
12.0 m kg (39.4 ft) lb												
10.5 m kg (34.4 ft) lb												
9.0 m kg (29.5 ft) lb												
7.5 m kg (24.6 ft) lb												
6.0 m kg (19.7 ft) lb												
4.5 m kg (14.8 ft) lb					+7 000	+7 000			+4.550	+4.550	+0.070	+0.070
3.0 m kg (9.8 ft) lb					*7,990 *17,610	*7,990 *17,610	+7 (00	+7 (00	*4,550 *10,030	*4,550 *10,030	*3,870 *8,530	*3,870 *8,530
1.5 m kg (4.9 ft) lb					*4,090 *9,020	*4,090 *9,020	*7,100 *15,650	*7,100 *15,650	*5,420 *11,950	*5,420 *11,950	*4,460 *9,830	*4,460 *9,830
Ground kg Line Ib			*1,270 *2,800	*1,270 *2,800	*3,050 *6,720	*3,050 *6,720	*7,210 *15,900	7,130 15,720	*6,190 *13,650	5,360 11,820	*5,000 *11,020	4,210 9,280
-1.5 m kg (-4.9 ft) lb	*1,320 *2,910	*1,320 *2,910	*1,820 *4,010	*1,820 *4,010	*3,130 *6,900	*3,130 *6,900	*5,930 *13,070	*5,930 *13,070	*6,800 *14,990	5,000 11,020	*5,460 *12,040	3,940 8,690
-3.0 m kg (-9.8 ft) lb	*1,960 *4,320	*1,960 *4,320	*2,450 *5,400	*2,450 *5,400	*3,590 *7,910	*3,590 *7,910	*5,880 *12,960	*5,880 *12,960	*7,230 *15,940	4,760 10,490	*5,820 *12,830	3,750 8,270
-4.5 m kg (-14.8 ft) lb	*2,620 *5,780	*2,620 *5,780	*3,140 *6,920	*3,140 *6,920	*4,230 *9,330	*4,230 *9,330	*6,350 *14,000	6,280 13,850	*7,490 *16,510	4,630 10,210	*6,060 *13,360	3,630 8,000
-6.0 m kg (-19.7 ft) lb	*3,310 *7,300	*3,310 *7,300	*3,900 *8,600	*3,900 *8,600	*5,040 *11,110	*5,040 *11,110	*7,170 *15,810	6,270 13,820	*7,590 *16,730	4,590 10,120	6,130 13,510	3,570 7,870
-7.5 m kg (-24.6 ft) lb	*4,060 *8,950	*4,060 *8,950	*4,760 *10,490	*4,760 *10,490	*6,010 *13,250	*6,010 *13,250	*8,340 *18,390	6,350 14,000	*7,510 *16,560	4,610 10,160	6,130 13,510	3,580 7,890
-9.0 m kg (-29.5 ft) lb	*4,900 *10,800	*4,900 *10,800	*5,740 *12,650	*5,740 *12,650	*7,210 *15,900	*7,210 *15,900	*9,080 *20,020	6,500 14,330	*7,240 *15,960	4,710 10,380	*5,960 *13,140	3,650 8,050
-10.5 m kg (-34.4 ft) lb	*5,840 *12,870	*5,840 *12,870	*6,910 *15,230	*6,910 *15,230	*8,770 *19,330	*8,770 *19,330	*8,360 *18,430	6,740 14,860	*6,720 *14,820	4,880 10,760	*5,540 *12,210	3,780 8,330
-12.0 m kg (-39.4 ft) lb			*8,380 *18,470	*8,380 *18,470	*9,270 *20,440	*9,270 *20,440	*7,220 *15,920	7,080 15,610	*5,810 *12,810	5,140 11,330	*4,710 *10,380	4,020 8,860

						Lift-poi	nt radius						At max. Reach	
Lift-poi	int	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)	Сар	acity	Reach
heigh m (ft)	)	ŀ	<b>_</b>	ŀ	<b>_</b>	ŀ	<b>_</b>	ŀ	<b>–</b>	ŀ		ŀ	<b>–</b>	m (ft)
12.0 m	kg					*1,060	*1,060					*750	*750	14.12
(39.4 ft)	lb					*2,340	*2,340					*1,650	*1,650	(46.3)
10.5 m	kg					*1,360	*1,360	*770	*770			*720	*720	15.07
(34.4 ft)	lb					*3,000	*3,000	*1,700	*1,700			*1,590	*1,590	(49.5)
9.0 m	kg					*1,540	*1,540	*1,150	*1,150			*700	*700	15.83
(29.5 ft)	lb					*3,400	*3,400	*2,540	*2,540			*1,540	*1,540	(51.9)
7.5 m	kg					*1,710	*1,710	*1,400	*1,400			*700	*700	16.41
(24.6 ft)	lb					*3,770	*3,770	*3,090	*3,090			*1,540	*1,540	(53.8)
6.0 m	kg			*2,070	*2,070	*1,910	*1,910	*1,600	*1,600	*960	*960	*710	*710	16.83
(19.7 ft)	lb			*4,560	*4,560	*4,210	*4,210	*3,530	*3,530	*2,120	*2,120	*1,570	*1,570	(55.2)
4.5 m	kg	*2,620	*2,620	*2,430	*2,430	*2,170	*2,170	*1,810	*1,810	*1,180	*1,180	*730	*730	17.12
(14.8 ft)	lb	*5,780	*5,780	*5,360	*5,360	*4,780	*4,780	*3,990	*3,990	*2,600	*2,600	*1,610	*1,610	(56.2)
3.0 m	kg	*3,420	*3,420	*2,970	*2,970	*2,520	*2,520	*2,030	*2,030	*1,340	*1,340	*760	*760	17.26
(9.8 ft)	lb	*7,540	*7,540	*6,550	*6,550	*5,560	*5,560	*4,480	*4,480	*2,950	*2,950	*1,680	*1,680	(56.6)
1.5 m	kg	*3,840	3,630	*3,420	2,950	*2,960	*2,960	*2,270	2,010	*1,450	*1,450	*810	*810	17.28
(4.9 ft)	lb	*8,470	8,000	*7,540	6,500	*6,530	5,360	*5,000	4,430	*3,200	*3,200	*1,790	*1,790	(56.7)
Ground	kg	*4,230	3,390	*3,710	2,780	*3,340	2,300	*2,500	1,920	*1,480	*1,480	*870	*870	17.16
Line	lb	*9,330	7,470	*8,180	6,130	*7,360	5,070	*5,510	4,230	*3,260	*3,260	*1,920	*1,920	(56.3)
-1.5 m	kg	*4,580	3,190	*3,980	2,630	*3,540	2,200	*2,680	1,840	*1,380	*1,380	*950	*950	16.90
(-4.9 ft)	l Ib I	*10,100	7,030	*8,770	5,800	*7,800	4,850	*5,910	4,060	*3,040	*3,040	*2,090	*2,090	(55.5)
-3.0 m	kg	*4,870	3,040	*4,200	2,520	3,590	2,110	*2,700	1,790	*1,070	*1,070	*1050	*1050	16.51
(-9.8 ft)	lb	*10,740	6,700	*9,260	5,560	7,910	4,650	*5,950	3,950	*2,360	*2,360	*2,310	*2,310	(54.2)
-4.5 m	kg	5,000	2,940	4,160	2,440	3,530	2,060	*2,460	1,760			*1200	*1200	15.96
(-14.8 ft)	lb	11,020	6,480	9,170	5,380	7,780	4,540	*5,420	3,880			*2,650	*2,650	(52.4)
-6.0 m	kg	4,950	2,890	4,120	2,410	3,510	2,040	*1,790	1,760			*1,400	*1,400	15.25
(-19.7 ft)	lb	10,910	6,370	9,080	5,310	7,740	4,500	*3,950	3,880			*3,090	*3,090	(50.0)
-7.5 m	kg	4,950	2,900	4,130	2,410	*3,340	2,060					*1,690	*1,690	14.34
(-24.6 ft)	lb	10,910	6,390	9,110	5,310	*7,360	4,540		ĺ			*3,730	*3,730	(47.0)
-9.0 m	kg	*5,000	2,950	4,190	2,480							*2,150	*2,150	13.20
(-29.5 ft)		*11,020	6,500	9,240	5,470				ĺ			*4,740	*4,740	(43.3)
-10.5 m	kg	*4,600	3,080									*3,010	2,680	11.75
(-34.4 ft)	lb	*10,140	6,790						ĺ			*6,640	5,910	(38.6)
-12.0 m	kg											*4,130	3,580	9.86
(-39.4 ft)									İ			*9,110	7,890	(32.4)

Lifting capacity is based on ISO 10567.
 Lifting capacity of HX 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.

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Rating over-front Rating over-side or 360 degrees
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Rating over-front Rating over-side or 360 degrees

### HX300ANL

#### 6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

							Lift-poir	nt radius						A	At max. Reac	h
Lift-po		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)	Cap	acity	Reach
heigh m (ft		ŀ		ŀ		ŀ		ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ		ŀ	<b>-</b>	m (ft)
7.5 m (24.6 ft)	kg Ib													*4,400 *9,700	*4,400 *9,700	7.38 (24.2)
6.0 m (19.7 ft)	kg Ib									*6,760 *14,900	5,590 12,320			*4,210 *9,280	*4,210 *9,280	8.30 (27.2)
4.5 m (14.8 ft)	kg Ib					*10,020 *22,090	*10,020 *22,090	*8,140 *17,950	7,690 16,950	*7,220 *15,920	5,400 11,900			*4,200 *9,260	4,010 8,840	8.86 (29.1)
3.0 m (9.8 ft)	kg Ib					*12,900	10,770 23,740	*9,490	7,150	*7,900	5,120 11,290	*5,480 *12,080	3,780 8,330	*4,340 *9,570	3,660 8,070	9.14 (30.0)
1.5 m (4.9 ft)	kg Ib					*15,060	9,760 21,520	*10,710	6,620 14,590	8,410 18,540	4,820	*6,180 *13,620	3,620 7.980	*4,640	3,510 7,740	9.17 (30.1)
Ground	kg Ib					*15,890	9,210	11,410 25,150	6,220 13,710	8,120 17,900	4,570	10,020	1,500	*5,150	3,520	8.94 (29.3)
-1.5 m (-4.9 ft)	kg Ib	*7,640 *16,840	*7,640 *16,840	*11,090 *24,450	*11,090 *24,450	*15,730 *34,680	8,970 19,780	11,130 24,540	5,990 13,210	7,940	4,410			*6,050	3,730	8.44 (27.7)
-3.0 m	kg	*13,090	*13,090	*17,900	*17,900	*14,740	8,910	11,030	5,900	7,880	4,360			7,720	4,280	7.61
(-9.8 ft) -4.5 m	lb kg	*28,860	*28,860	*39,460 *17,250	*39,460 *17,250	*32,500 *12,540	19,640 9,040	24,320 *9,180	13,010 5,990	17,370	9,610			17,020 *8,450	9,440 5,600	(25.0) 6.31
(-14.8 ft)	lb			*38,030	*38,030	*27,650	19,930	*20,240	13,210					*18,630	12,350	(20.7)

#### 6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

					Lift-poir	nt radius					At max. Reach	
Lift-poi		3.0 m	(9.8 ft)	4.5 m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Cap	acity	Reach
heigh m (ft)	)	ŀ	<b>-</b>	ŀ		ŀ		ŀ		ŀ		m (ft)
7.5 m	kg					*8,070	8,010			*8,230	7,110	6.40
(24.6 ft)	lb					*17,790	17,660			*18,140	15,670	(21.0)
6.0 m	kg					*8,290	7,870			*7,990	5,440	7.44
(19.7 ft)	lb					*18,280	17,350			*17,610	11,990	(24.4)
4.5 m	kg					*9,270	7,450	*8,110	5,270	7,830	4,620	8.06
(14.8 ft)	lb					*20,440	16,420	*17,880	11,620	17,260	10,190	(26.5)
3.0 m	kg					*10,480	6,940	*8,620	5,030	7,200	4,200	8.37
(9.8 ft)	lb					*23,100	15,300	*19,000	11,090	15,870	9,260	(27.5)
1.5 m	kg					*11,430	6,500	8,340	4,780	7,000	4,030	8.40
(4.9 ft)	lb					*25,200	14,330	18,390	10,540	15,430	8,880	(27.6)
Ground	kg					11,360	6,200	8,130	4,590	7,180	4,080	8.15
Line	lb					25,040	13,670	17,920	10,120	15,830	8,990	(26.8)
-1.5 m	kg			*15,200	9,080	11,190	6,060	8,030	4,500	7,880	4,430	7.60
(-4.9 ft)	lb			*33,510	20,020	24,670	13,360	17,700	9,920	17,370	9,770	(24.9)
-3.0 m	kg	*17,600	*17,600	*13,580	9,130	*10,280	6,070			*8,750	5,310	6.66
(-9.8 ft)	lb	*38,800	*38,800	*29,940	20,130	*22,660	13,380			*19,290	11,710	(21.9)
-4.5 m	kg			*10,000	9,420					*8,240	7,880	5.12
(-14.8 ft)	lb			*22,050	20,770					*18,170	17,370	(16.8)

1. Lifting capacity is based on ISO 10567.

2. Lifting capacity of HX 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**

### HX300ANL

6.25 m (20'	61 hoom 25 m	10' 2"	") arm equipped with 5,100 kg counter weight and 60	10
0.23111(20	0 ) 000111, 2.3 111	(0 Z )	) ann equipped with 5,100 kg counter weight and 00	50

						Lift-poir	nt radius						At max. Reach	
Lift-poir		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)	Сар	acity	Reach
height m (ft)		ŀ		ŀ		ŀ		ŀ		ŀ		ŀ		m (ft)
7.5 m (24.6 ft)	kg Ib							*7,410	*7,410			*6,770 *14,930	6,630 14,620	6.74 (22.1)
6.0 m	kg							*16,340 *7,780	*16,340 *7,780	*7,410	5,480	*6,440	5,170	7.74
(19.7 ft)	lb							*17,150	*17,150	*16,340	12,080	*14,200	11,400	(25.4)
4.5 m	kg					*11,180	*11,180	*8,810	7,550	*7,740	5,330	*6,420	4,420	8.34
(14.8 ft)	lb					*24,650	*24,650	*19,420	16,640	*17,060	11,750	*14,150	9,740	(27.4)
3.0 m	kg					*14,020	10,410	*10,080	7,020	*8,330	5,070	*6,640	4,020	8.64
(9.8 ft)	lb					*30,910	22,950	*22,220	15,480	*18,360	11,180	*14,640	8,860	(28.3)
1.5 m	kg							*11,150	6,540	8,370	4,800	6,680	3,840	8.67
(4.9 ft)	lb							*24,580	14,420	18,450	10,580	14,730	8,470	(28.4)
Ground	kg					*16,030	9,160	11,370	6,210	8,120	4,580	6,830	3,880	8.43
Line	lb					*35,340	20,190	25,070	13,690	17,900	10,100	15,060	8,550	(27.6)
-1.5 m	kg			*11,140	*11,140	*15,490	9,020	11,160	6,020	7,980	4,460	7,410	4,160	7.89
(-4.9 ft)	lb			*24,560	*24,560	*34,150	19,890	24,600	13,270	17,590	9,830	16,340	9,170	(25.9)
-3.0 m	kg			*19,040	17,680	*14,130	9,030	*10,700	5,990			*8,730	4,890	6.99
(-9.8 ft)	lb			*41,980	38,980	*31,150	19,910	*23,590	13,210			*19,250	10,780	(22.9)
-4.5 m	kg			*15,060	*15,060	*11,270	9,240					*8,760	6,870	5.55
(-14.8 ft)	lb			*33,200	*33,200	*24,850	20,370					*19,310	15,150	(18.2)

#### 6.25 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 5,100 kg counter weight and 600 mm (24") Triple grouser shoe.

							Lift-poir	nt radius						ŀ	t max. Reac	n
Lift-po		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)	Сар	acity	Reach
heigh m (ft)		ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ		m (ft)
9.0 m	kg									İ				*3,820	*3,820	6.87
(29.5 ft)	lb													*8,420	*8,420	(22.5)
7.5 m	kg									*5,120	*5,120			*3,490	*3,490	8.14
(24.6 ft)	lb									*11,290	*11,290			*7,690	*7,690	(26.7)
6.0 m	kg									*6,010	5,740			*3,370	*3,370	8.97
(19.7 ft)	lb									*13,250	12,650			*7,430	*7,430	(29.4)
4.5 m	kg							*7,250	*7,250	*6,570	5,520	*5,230	4,010	*3,370	*3,370	9.50
(14.8 ft)	lb							*15,980	*15,980	*14,480	12,170	*11,530	8,840	*7,430	*7,430	(31.2)
3.0 m	kg					*11,450	11,250	*8,680	7,340	*7,330	5,210	*6,440	3,850	*3,490	3,300	9.76
(9.8 ft)	lb					*25,240	24,800	*19,140	16,180	*16,160	11,490	*14,200	8,490	*7,690	7,280	(32.0)
1.5 m	kg					*14,020	10,100	*10,060	6,760	*8,110	4,880	6,370	3,660	*3,720	3,160	9.79
(4.9 ft)	lb					*30,910	22,270	*22,180	14,900	*17,880	10,760	14,040	8,070	*8,200	6,970	(32.1)
Ground	kg			*6,810	*6,810	*15,440	9,350	*11,060	6,290	8,160	4,590	6,170	3,480	*4,100	3,150	9.58
Line	lb			*15,010	*15,010	*34,040	20,610	*24,380	13,870	17,990	10,120	13,600	7,670	*9,040	6,940	(31.4)
-1.5 m	kg	*7,060	*7,060	*10,560	*10,560	*15,790	8,960	11,140	5,980	7,920	4,380	*5,710	3,360	*4,750	3,300	9.11
(-4.9 ft)	lb	*15,560	*15,560	*23,280	*23,280	*34,810	19,750	24,560	13,180	17,460	9,660	*12,590	7,410	*10,470	7,280	(29.9)
-3.0 m	kg	*11,090	*11,090	*15,460	*15,460	*15,260	8,800	10,950	5,820	7,790	4,270			*5,900	3,680	8.35
(-9.8 ft)	lb	*24,450	*24,450	*34,080	*34,080	*33,640	19,400	24,140	12,830	17,170	9,410			*13,010	8,110	(27.4)
-4.5 m	kg	*15,980	*15,980	*19,530	17,330	*13,710	8,840	*10,210	5,820					*7,970	4,550	7.19
(-14.8 ft)	lb	*35,230	*35,230	*43,060	38,210	*30,230	19,490	*22,510	12,830					*17,570	10,030	(23.6)
-6.0 m	kg			*14,480	*14,480	*10,280	9,120							*8,200	7,060	5.38
(-19.7 ft)	lb			*31,920	*31,920	*22,660	20,110							*18,080	15,560	(17.6)

1. Lifting capacity is based on ISO 10567.

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



### Rating over-front Rating over-side or 360 degrees

### 600 mm (24") Triple grouser shoe.

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

Rating over-front Rating over-side or 360 degrees

### HX300ANL 2-PIECE BOOM

#### 6.25 m (20' 6'') boom, 3.05 m (10' 0'') arm equipped with 7,500 kg counter weight and 600 mm (24'') Triple grouser shoe.

						Lift-poir	nt radius						At max. Reach	
Lift-po		3.0 m	(10 ft)	4.5 m	(15 ft)	6.0 m	(20 ft)	7.5 m	(25 ft)	9.0 m (	29.5 ft)	Сар	acity	Reach
heigh m (fť	)	ŀ	- <b>D</b>	ŀ	<b>_</b>	ŀ	<u> </u>	ŀ	<b>_</b>	ŀ	<b>-</b>	ŀ	<b>_</b>	m (ft)
10.5 m	kg											*7,620	*7,620	3.56
(34.4 ft)	lb					1.5.000						*16,800	*16,800	(11.7)
9.0 m	kg			*8,810	*8,810	*5,960	*5,960					*5,620	*5,620	6.06
(29.5 ft)	lb			*19,420	*19,420	*13,140	*13,140					*12,390	*12,390	(19.9)
7.5 m	kg		1	*8,650	*8,650	*8,260	*8,260					*4,980	*4,980	7.46
(24.6 ft)	lb			*19,070	*19,070	*18,210	*18,210	+7.000				*10,980	*10,980	(24.5)
6.0 m	kg		ļ	*9,620	*9,620	*8,570	*8,570	*7,080	6,410			*4,730	*4,730	8.37
(19.7 ft)	lb			*21,210	*21,210	*18,890	*18,890	*15,610	14,130			*10,430	*10,430	(27.5)
4.5 m	kg			*13,210	*13,210	*9,420	8,750	*7,380	6,230			*4,690	*4,690	8.93
(14.8 ft)	lb			*29,120	*29,120	*20,770	19,290	*16,270	13,730			*10,340	*10,340	(29.3)
3.0 m	kg			*17,280	12,400	*10,840	8,260	*7,900	5,990	*6,330	4,540	*4,800	4,370	9.21
(9.8 ft)	lb			*38,100	27,340	*23,900	18,210	*17,420	13,210	*13,960	10,010	*10,580	9,630	(30.2)
1.5 m	kg			*18,620	11,600	*12,630	7,830	*8,530	5,760	*6,550	4,440	*5,080	4,270	9.24
(4.9 ft)	lb			*41,050	25,570	*27,840	17,260	*18,810	12,700	*14,440	9,790	*11,200	9,410	(30.3)
Ground	kg			*18,240	11,270	13,410	7,570	*9,100	5,600	*5,760	4,380	*5,580	4,370	9.01
Line	lb			*40,210	24,850	29,560	16,690	*20,060	12,350	*12,700	9,660	*12,300	9,630	(29.6)
-1.5 m	kg	*12,150	*12,150	*16,610	11,230	*12,770	7,470	*9,440	5,540			*6,440	4,720	8.51
(-4.9 ft)	lb	*26,790	*26,790	*36,620	24,760	*28,150	16,470	*20,810	12,210			*14,200	10,410	(27.9)
-3.0 m	kg			*13,800	11,370	*10,810	7,540	*7,800	5,640			*7,270	5,480	7.69
(-9.8 ft)	lb			*30,420	25,070	*23,830	16,620	*17,200	12,430			*16,030	12,080	(25.2)

#### \_6.25 m (20' 6') boom, 2.1 m (6' 11') arm equipped with 7,500 kg counter weight and 600 mm (24'') Triple grouser shoe.

				Lift-poir	nt radius				At max. Reach	
Lift-poi		4.5 m	(14.8 ft)	6.0 m (	(19.7 ft)	7.5 m (	24.6 ft)	Сар	acity	Reach
heigh m (ft)		ŀ		ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	m (ft)
9.0 m	kg	*12,080	*12,080					*11,730	*11,730	4.73
(29.5 ft)	lb	*26,630	*26,630					*25,860	*25,860	(15.5)
7.5 m	kg	*11,420	*11,420	*9,410	9,060			*9,160	7,990	6.44
(24.6 ft)	lb	*25,180	*25,180	*20,750	19,970			*20,190	17,610	(21.1)
6.0 m	kg	*12,590	*12,590	*9,580	8,920			*8,070	6,250	7.48
(19.7 ft)	lb	*27,760	*27,760	*21,120	19,670			*17,790	13,780	(24.5)
4.5 m	kg			*10,540	8,550	*8,110	6,140	*7,600	5,430	8.10
(14.8 ft)	lb			*23,240	18,850	*17,880	13,540	*16,760	11,970	(26.6)
3.0 m	kg			*12,130	8,110	*8,570	5,960	*7,490	5,030	8.41
(9.8 ft)	lb			*26,740	17,880	*18,890	13,140	*16,510	11,090	(27.6)
1.5 m	kg			13,650	7,790	*9,120	5,790	*7,680	4,930	8.44
(4.9 ft)	lb			30,090	17,170	*20,110	12,760	*16,930	10,870	(27.7)
Ground	kg			*13,360	7,630	*9,540	5,700	*8,210	5,100	8.19
Line	lb			*29,450	16,820	*21,030	12,570	*18,100	11,240	(26.9)
-1.5 m	kg	*14,640	11,510	*11,860	7,640	*8,700	5,740	*8,210	5,630	7.64
(-4.9 ft)	lb	*32,280	25,380	*26,150	16,840	*19,180	12,650	*18,100	12,410	(25.1)
-3.0 m	kg			*8,800	7,820					
(-9.8 ft)	lb			*19,400	17,240					

1. Lifting capacity is based on ISO 10567.

2. Lifting capacity of HX 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**

### HX300AL HIGH WALKER

							Lift-poir	nt radius				
Lift-poi		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)	
heigh m (ft)		ŀ	<b>-</b>	ŀ	<b>–</b>	ŀ	<b>—</b>	ŀ	<b>-</b>	ŀ	<b>_</b>	
9.0 m (29.5 ft)	kg Ib											
7.5 m (24.6 ft)	kg Ib									*5,020 *11,070	*5,020 *11,070	
6.0 m (19.7 ft)	kg Ib							*7,270 *16,030	*7,270 *16,030	*6,830 *15,060	*6,830 *15,060	
4.5 m (14.8 ft)	kg Ib					*10,660 *23,500	*10,660 *23,500	*8,440 *18,610	*8,440 *18,610	*7,360 *16,230	7,200 15,870	
3.0 m (9.8 ft)	kg Ib					*13,500 *29,760	*13,500 *29,760	*9,790 *21,580	9,600 21,160	*8,060 *17,770	6,900 15,210	*{
1.5 m (4.9 ft)	kg Ib					*15,350 *33,840	13,710 30,230	*10,930 *24,100	9,070 20,000	*8,700 *19,180	6,600 14,550	*6
Ground Line	kg Ib			*6,560 *14,460	*6,560 *14,460	*15,930 *35,120	13,200 29,100	*11,550 *25,460	8,690 19,160	*9,090 *20,040	6,360 14,020	
-1.5 m (-4.9 ft)	kg Ib	*8,890 *19,600	*8,890 *19,600	*12,490 *27,540	*12,490 *27,540	*15,580 *34,350	12,990 28,640	*11,570 *25,510	8,480 18,700	8,970 19,780	6,210 13,690	
-3.0 m (-9.8 ft)	kg Ib	*14,430 *31,810	*14,430 *31,810	*19,790 *43,630	*19,790 *43,630	*14,370 *31,680	12,970 28,590	*10,800 *23,810	8,420 18,560			
-4.5 m (-14.8 ft)	kg Ib			*16,130	*16,130	*11,760	*11,760					

#### 6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 5,100 kg counter weight and 700 mm (28") Double grouser shoe.

					Lift-poir	ıt radius					At max. Reach	
Lift-point		3.0 m	(9.8 ft)	4.5 m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Сар	acity	Reach
height m (ft)		ŀ		ŀ		ŀ	<b>=</b>	ŀ		ŀ		m (ft)
7.5 m kg (24.6 ft) lb	g b					*8,010 *17,660	*8,010 *17,660			*8,140 *17,950	*8,140 *17,950	6.68 (21.9)
6.0 m k	g b					*8,460 *18,650	*8,460 *18,650	*7,940 *17,500	7,220 15,920	*7,970 *17,570	7,030 15,500	7.61 (25.0)
4.5 m kg (14.8 ft) lb	g b					*9,540 *21,030	*9,540 *21,030	*8,210 *18,100	7,070 15,590	*7,990 *17,610	6,140 13,540	8.16 (26.8)
3.0 m kį	-					*10,730	9,400	*8,740 *19,270	6,820 15,040	8,030 17,700	5,710	8.41 (27.6)
1.5 m kg						*11,570 *25,510	8,960 19,750	*9,180	6,570 14,480	7,910	5,590	8.37 (27.5)
Ground k	-					*11,810 *26,040	8,690 19,160	9,150 20,170	6,390 14,090	8,240 18,170	5,780	8.06 (26.4)
-1.5 m kį	-			*14,920 *32,890	13,130 28,950	*11,370	8,570 18,890	20,110	,000	*8,700	6,420 14,150	7.42 (24.4)
-3.0 m kç	g	*16,890 *37,240	*16,890 *37,240	*13,020	*13,020	*9,720	8,630 19,030			*8,730	7,970	6.38 (20.9)

1. Lifting capacity is based on ISO 10567.

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



### Rating over-front Rating over-side or 360 degrees

#### At max. Reach (19.7 ft) 7.5 m (24.6 ft) 9.0 m (29.5 ft) Capacity Reach ľ ľ ŀ **\_**) **\_**) m (ft) \*4,760 \*4,760 6.34 \*10,490 \*10,490 (20.8) \*5,020 \*5,020 \*4,340 \*4,340 7.63 \*11,070 \*11,070 \*9,570 \*9,570 (25.0) \*7,270 \*6,830 \*6,830 \*4,190 \*4,190 8.45 \*16,030 \*15,060 \*15,060 \*9,240 \*9,240 (27.7) \*8,440 \*7,360 7,200 \*4,220 \*4,220 8.95 \*18,610 \*16,230 15,870 \*9,300 \*9,300 (29.4) \*4,390 9,600 \*8,060 6,900 \*5,770 5.180 \*4,390 9.17 21,160 \*17,770 15,210 \*12,720 11,420 \*9,680 \*9,680 (30.1) 9,070 6,600 5,020 \*4,730 \*4,730 \*8,700 \*6,090 9.14 \*19,180 14,550 \*13,430 11,070 \*10,430 (30.0) 20,000 \*10,430 8,690 \*5.310 5,010 8.86 \*9,090 6,360 \*20.040 14.020 \*11,710 11,050 (29.1) 19 160 \*6,340 5,410 \*13,980 11,930 8,970 6,210 19,780 13,690 8.29 (27.2) 8,480 18.700 8,420 \*8,270 6,350 7.36 18,560 \*18,230 14,000 (24.2) \*8,460 \*8,460 5.93 \*18,650 \*18,650 (19.4)

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

Rating over-front Rating over-side or 360 degrees

### HX300AL HIGH WALKER

#### 6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 5,100 kg counter weight and 700 mm (28") Double grouser shoe.

						Lift-poir	nt radius						At max. Reach	
Lift-poi		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)	Сар	acity	Reach
heigh m (ft)	)	ŀ	<b>_</b>	ŀ	<b>-</b>	ŀ		ŀ	<b>-</b>	ŀ	<b>-</b>	ŀ	<b>-</b>	m (ft)
7.5 m	kg							*7,410	*7,410			*6,650	*6,650	7.01
(24.6 ft)	lb							*16,340	*16,340			*14,660	*14,660	(23.0)
6.0 m	kg							*7,970	*7,970	*7,440	7,330	*6,410	*6,410	7.90
(19.7 ft)	lb							*17,570	*17,570	*16,400	16,160	*14,130	*14,130	(25.9)
4.5 m	kg					*11,840	*11,840	*9,090	*9,090	*7,860	7,130	*6,450	5,880	8.43
(14.8 ft)	lb					*26,100	*26,100	*20,040	*20,040	*17,330	15,720	*14,220	12,960	(27.7)
3.0 m	kg							*10,360	9,480	*8,470	6,850	*6,730	5,470	8.67
(9.8 ft)	lb							*22,840	20,900	*18,670	15,100	*14,840	12,060	(28.4)
1.5 m	kg					*13,230	*13,230	*11,320	9,000	*9,000	6,580	*7,290	5,340	8.64
(4.9 ft)	lb					*29,170	*29,170	*24,960	19,840	*19,840	14,510	*16,070	11,770	(28.3)
Ground	kg					*15,970	*15,970	*11,740	8,680	9,140	6,370	7,830	5,500	8.33
Line	lb					*35,210	*35,210	*25,880	19,140	20,150	14,040	17,260	12,130	(27.3)
-1.5 m	kg			*13,230	*13,230	*15,270	*15,270	*11,490	8,520	*8,890	6,270	*8,520	6,030	7.72
(-4.9 ft)	lb			*29,170	*29,170	*33,660	*33,660	*25,330	18,780	*19,600	13,820	*18,780	13,290	(25.3)
-3.0 m	kg			*18,360	*18,360	*13,660	*13,660	*10,300	8,530			*8,780	7,310	6.72
(-9.8 ft)	lb			*40,480	*40,480	*30,120	*30,120	*22,710	18,810			*19,360	16,120	(22.1)
-4.5 m	kg					*10,160	*10,160					*8,640	*8,640	5.10
(-14.8 ft)	lb					*22,400	*22,400		ĺ			*19,050	*19,050	(16.7)

1. Lifting capacity is based on ISO 10567.

2. Lifting capacity of HX 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**

### HX300AL HIGH WALKER

							Lift-poir	nt radius						A	t max. Reach	1
Lift-poi		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)	Сара	acity	Reach
heigh m (ft)		ŀ	<b>—</b>	ŀ		ŀ	<b>—</b>	ŀ	<b>–</b>	ŀ		ŀ	<b>-</b>	ŀ	<u>ل</u>	m (ft)
9.0 m (29.5 ft)	kg Ib													*3,720 *8,200	*3,720 *8,200	7.21 (23.6)
7.5 m (24.6 ft)	kg Ib									*5,440 *11,990	*5,440 *11,990			*3,450 *7.610	*3,450 *7.610	8.36 (27.4)
6.0 m (19.7 ft)	kg Ib									*6,110 *13.470	*6,110 *13.470	*3,880 *8,550	*3,880 *8.550	*3,360 *7,410	*3,360 *7.410	9.12 (29.9)
4.5 m (14.8 ft)	kg Ib							*7,560 *16,670	*7,560 *16.670	*6,730	*6,730	*5,530	5,420 11,950	*3,390	*3,390 *7,470	9.58 (31.4)
3.0 m	kg					*12,100	*12,100 *26.680	*9,010	*9,010	*7,510	6,990	*6,690	5,250	*3,530	*3,530	9.79
(9.8 ft) 1.5 m	lb kg					*26,680 *14,450	14,030	*10,330	*19,860 9,200	*16,560 *8,270	15,410 6,660	*14,750 *7,090	11,570 5,050	*3,790	*3,790	(32.1) 9.76
(4.9 ft) Ground	lb kg			*7,580	*7,580	*31,860 *15,600	30,930 13,320	*22,770 *11,210	20,280 8,750	*18,230 *8,820	14,680 6,370	*15,630 6,960	11,130 4,880	*8,360 *4,220	*8,360 *4,220	(32.0) 9.49
Line	lb	+7.0.40	+7.0.40	*16,710	*16,710	*34,390	29,370	*24,710	19,290	*19,440	14,040	15,340	10,760	*9,300	*9,300	(31.1)
-1.5 m (-4.9 ft)	kg Ib	*7,940 *17,500	*7,940 *17,500	*11,560 *25,490	*11,560 *25,490	*15,740 *34,700	12,960 28,570	*11,530 *25,420	8,460 18,650	8,930 19,690	6,170 13,600			*4,950 *10,910	4,790 10,560	8.96 (29.4)
-3.0 m	kg	*12,090 *26.650	*12,090	*16,810 *37.060	*16,810 *37.060	*15,010 *33.090	12,840	*11,160	8,330	*8,620	6,080			*6,300	5,460 12.040	8.12
(-9.8 ft) -4.5 m	lb kg	*17,320	*26,650 *17,320	*18,640	*18,640	*13,160	28,310 12,930	*24,600 *9,740	18,360 8,370	*19,000	13,400			*13,890 *8,050	6,970	(26.6) 6.85
(-14.8 ft)	lb	*38,180	*38,180	*41,090	*41,090	*29,010	28,510	*21,470	18,450					*17,750	15,370	(22.5)
-6.0 m (-19.7 ft)	kg Ib					*8,890 *19.600	*8,890 *19.600							*8,130 *17.920	*8,130 *17.920	4.80 (15.8)

1. Lifting capacity is based on ISO 10567.

2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm,

level ground or 87% of full hydraulic capacity.



Rating over-front Rating over-side or 360 degrees

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

### HX300AL HIGH WALKER LONG REACH

### 10.20 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 7,000 kg counter weight and 700 mm (28") Double grouser shoe.

						Lift-poir	nt radius					
Lift-point height	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)
m (ft)	ŀ		ŀ		ŀ		ŀ		ŀ		ŀ	- E
13.5 m kg (44.3 ft) lb												
12.0 m kg (39.4ft) lb												
10.5 m kg (34.4 ft) lb												
9.0 m kg (29.5 ft) lb												
7.5 m kg (24.6 ft) lb												
6.0 m kg (19.7 ft) lb												
4.5 m kg (14.8 ft) lb												
3.0 m kg (9.8 ft) lb					*8,610 *18.980	*8,610 *18,980	*6,030 *13.290	*6,030 *13.290	*4,750 *10.470	*4,750 *10.470	*4,000 *8.820	*4,000 *8.820
1.5 m kg					*3,650	*3,650	*7,380	*7,380	*5,610	*5,610	*4,590	*4,590
(4.9 ft) Ib Ground kg			*1,380	*1,380	*8,050	*8,050	*16,270	*16,270	*12,370	*12,370	*10,120 *5,110	*10,120 *5,110
Line Ib -1.5 m kg	*1,470	*1,470	*3,040 *1,950	*3,040 *1,950	*6,640 *3,210	*6,640 *3,210	*14,820 *5,850	*14,820 *5,850	*14,000 *6,910	*14,000 6,160	*11,270 *5,550	*11,270 4,850
(-4.9 ft) Ib -3.0 m kg	- 1 -	*3,240 *2,110	*4,300 *2,600	*4,300 *2,600	*7,080 *3,720	*7,080 *3,720	*12,900 *5,950	*12,900 *5,950	*15,230 *7,310	13,580 5,940	*12,240 *5,880	10,690 4,670
(-9.8 ft) Ib -4.5 m kg	1	*4,650 *2,770	*5,730 *3,310	*5,730 *3,310	*8,200 *4,400	*8,200 *4,400	*13,120 *6,510	*13,120 *6,510	*16,120 *7,530	13,100 5,830	*12,960 *6,100	10,300 4,560
(-14.8 ft) Ib -6.0 m kg		*6,110 *3,480	*7,300 *4,090	*7,300 *4,090	*9,700 *5,240	*9,700 *5,240	*14,350 *7,400	*14,350 *7,400	*16,600 *7,580	12,850 5,810	*13,450 *6,180	10,050 4,530
(-19.7 ft) lb -7.5 m kg	*7,670	*7,670 *4,240	*9,020 *4,970	*9,020 *4,970	*11,550 *6,260	*11,550	*16,310 *8,660	*16,310 8,060	*16,710 *7,470	12,810 5,850	*13,620 *6,120	9,990 4,550
(-24.6 ft) lb	*9,350	*9,350	*10,960 *5,980	*10,960	*13,800 *7,530	*13,800	*19,090	17,770 8,240	*16,470 *7,150	12,900	*13,490	10,030 4,630
(-29.5 ft) lb	*11,240	*11,240	*13,180	*13,180	*16,600	*16,600	*19,710 *8,150	18,170	*15,760	13,140 6,160	*12,990	10,210
(-34.4 ft) lb	*13,400	*13,400	*15,900 *8,780	*15,900 *8,780	*20,280	*20,280	*17,970	*17,970	*14,460	13,580	*11,880	10,560
(-39.4 ft) Ib			*19,360	*19,360	*19,420	*19,420	*15,150	*15,150	*12,190	*12,190	*9,770	*9,770

						Lift-poi	nt radius						At max. Reach	
Lift-poi height		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)	Cap	pacity	Reach
m (ft)		ŀ	<b>-</b>	ŀ		ŀ	<b>_</b>	ŀ	<b>_</b>	ŀ	<b>–</b>	ŀ		m (ft)
13.5 m	kg											*790	*790	13.22
(44.3 ft)	lb											*1740	*1740	(43.4)
12.0 m	kg					*1,150	*1,150					*740	*740	14.36
(39.4 ft)	lb					*2,540	*2,540					*1630	*1630	(47.1)
10.5 m	kg					*1,400	*1,400	*880	*880			*710	*710	15.26
(34.4 ft)	lb					*3,090	*3,090	*1,940	*1,940			*1570	*1570	(50.1)
9.0 m	kg					*1,580	*1,580	*1,220	*1,220			*700	*700	15.97
(29.5 ft)	lb					*3,480	*3,480	*2,690	*2,690			*1540	*1540	(52.4)
7.5 m	kg					*1,750	*1,750	*1,450	*1,450	*720	*720	*700	*700	16.52
(24.6 ft)	lb					*3,860	*3,860	*3,200	*3,200	*1590	*1590	*1540	*1540	(54.2)
6.0 m	kg			*2,140	*2,140	*1,970	*1,970	*1,650	*1,650	*1010	*1010	*710	*710	16.91
(19.7 ft)	lb			*4,720	*4,720	*4,340	*4,340	*3,640	*3,640	*2230	*2230	*1570	*1570	(55.5)
4.5 m	kg	*2,780	*2,780	*2,530	*2,530	*2,240	*2,240	*1,860	*1,860	*1220	*1220	*740	*740	17.16
(14.8 ft)	lb	*6,130	*6,130	*5,580	*5,580	*4,940	*4,940	*4,100	*4,100	*2690	*2690	*1630	*1630	(56.3)
3.0 m	kg	*3,520	*3,520	*3,120	*3,120	*2,610	*2,610	*2,090	*2,090	*1370	*1370	*770	*770	17.28
(9.8 ft)	lb	*7,760	*7,760	*6,880	*6,880	*5,750	*5,750	*4,610	*4,610	*3020	*3020	*1700	*1700	(56.7)
1.5 m	kg	*3,930	*3,930	*3,490	*3,490	*3,080	2,980	*2,330	*2,330	*1460	*1460	*820	*820	17.26
(4.9 ft)	lb	*8.660	*8.660	*7.690	*7.690	*6,790	6,570	*5,140	*5,140	*3220	*3220	*1810	*1810	(56.6)
Ground	kg	*4,320	4,140	*3,780	3,410	*3,390	2,860	*2,550	2,410	*1470	*1470	*880	*880	17.11
Line	lb	*9,520	9,130	*8,330	7,520	*7,470	6,310	*5,620	5,310	*3240	*3240	*1940	*1940	(56.1)
-1.5 m	kg	*4.660	3.940	*4,030	3,270	*3.590	2.750	*2,700	2.340	*1330	*1330	*970	*970	16.83
(-4.9 ft)	lb	*10.270	8.690	*8,880	7,210	*7,910	6.060	*5,950	5,160	*2930	*2930	*2140	*2140	(55.2)
-3.0 m	kg	*4,920	3,800	*4,240	3,160	*3.740	2.680	*2,670	2,290			*1080	*1080	16.40
(-9.8 ft)	lb	*10.850	8,380	*9,350	6,970	*8,250	5,910	*5.890	5,050		i i	*2380	*2380	(53.8)
-4.5 m	kg	*5,100	3,710	*4,390	3,100	*3,850	2,630	*2,350	2,270			*1240	*1240	15.82
(-14.8 ft)	lb	*11,240	8,180	*9,680	6,830	*8,490	5,800	*5,180	5.000		i	*2730	*2730	(51.9)
-6.0 m	kg	*5,190	3,680	*4,450	3,070	3,870	2,620	*1,550	*1,550			*1450	*1450	15.06
(-19.7 ft)	lb	*11,440	8,110	*9,810	6,770	8,530	5,780	*3,420	*3,420		İ	*3200	*3200	(49.4)
-7.5 m	kg	*5,140	3,690	*4,390	3,090	*3,000	2,650					*1770	*1770	14.10
(-24.6 ft)	lb	*11,330	8,140	*9,680	6,810	*6,610	5,840		i i		İ	*3900	*3900	(46.3)
-9.0 m	kg	*4,940	3,760	*4.160	3,170							*2300	*2300	12.90
(-29.5 ft)	lb	*10,890	8,290	*9,170	6,990						1	*5070	*5070	(42.3)
-10.5 m	kg	*4,450	3,910		-,							*3320	*3320	11.37
(-34.4 ft)	lb	*9,810	8,620	i i							İ	*7320	*7320	(37.3)
-12.0 m	kg											*4180	*4180	9.35
(-39.4 ft)	lb			1							1	*9220	*9220	(30,7)

Lifting capacity is based on ISO 10567.
 Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

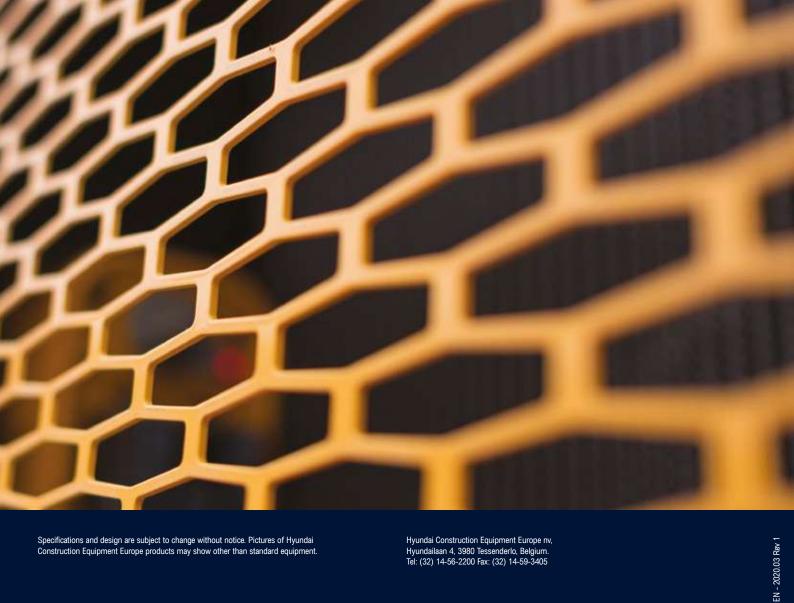
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass). 4. (\*) indicates load limited by hydraulic capacity.

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Rating over-front Rating over-side or 360 degrees
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ENGINE	STD
Cummins B 6.7 engine / Stage V	•
HYDRAULIC SYSTEM	STD
ELECTRONIC PUMP INDEPENDENT CONTROL	
3-Power Mode, 2-Work Mode, User Mode	•
Variable Power Control	•
Pump Flow Control	•
Attachment Mode Flow Control	•
Engine Auto Idle	•
Engine Auto Shutdown Control	
Electronic Fan Control	•
CABIN & INTERIOR	STD
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	
Transparent Cabin Roof-Cover	•
Sun Visor	
Door and Cabin Locks, One Key	
Mechanical Suspension Seat With Heater	•
Pilot-Operated Slidable Joystick	•
Console Box Height Adjust System	•
AUTOMATIC CLIMATE CONTROL	1
Air Conditioner & Heater	•
Defroster	•
Starting Aid (Air Grid Heater) for Cold Weather	•
CENTRALIZED MONITORING	
8" LCD Display	•
Engine Speed or Trip Meter / Accel.	•
Engine Coolant Temperature Gauge	•
Automatic power boost function	•
Low Speed / High Speed	•
Auto Idle	•
Overload warning device	•
Engine Connected Diagnostics	•
Air filters monitoring	•
ECO Gauges	•
Fuel Level Gauge	•
DEF level gauge	•
Hyd. oil temperature gauge	•
Fuel Warmer	•
Clock Cabin lights (Halogon or LED)	•
Cabin lights (Halogen or LED) Cabin Front Window Rain Guard	
	•
SEAT Adjustable air suspension seat with heater	
CABIN FOPS/FOG (ISO/DIS 10262) LEVEL 2 FOPS (Falling Object Protective Structure) · ISO 3449 Level 2	
FOG (Falling Object Guard) CABIN ROPS (ISO 12117-2)	

SAFETY	STD
Battery Master Switch	•
Rearview Camera	•
AAVM (Advanced Around View Monitoring)	
4 boomlamps and 2 front working lamps	•
Travel Alarm	•
Rear work lamp (Halogen or LED)	
Beacon lamp (Halogen or LED)	
Automatic Swing Brake	•
Boom Holding System	•
Arm Holding System	•
Safety lock valve for boom cylinder with overload warning device	•
Safety Lock Valve for Arm Cylinder	
Swing Lock System	
Three outside rearview mirrors	•
OTHER	STD
BOOMS	
6,25 m; 20' 6" Mono boom	•
6,25 m; 20' 6" 2-Piece boom	
10.2 m; 33' 6" Long reach	
ARMS	
2.1 m; 6' 11"	•
2.5 m; 8' 2"	•
2.85 m; 9' 4"	•
3.05 m; 10'	
3.75 m; 12' 4"	•
7.85 m; 25' 9" Long reach	•
Removable Clean-Out Dust Net for Cooler	•
Removable reservoir tank	•
Fuel pre-filter with water separator	•
Fuel Warmer	•
Self-Diagnostics System	•
Hi-Mate (Remote Management System)	•
Batteries (2 × 12 V × 100 Ah)	•
Fuel filler pump with automatic stop function (50 l/min)	•
Single-Acting Piping Kit (Breaker, etc.)	
Double-Acting Piping Kit (Clamshell, etc.)	•
Rotating Piping Kit	
Quick Coupler Piping	
Quick Coupler	
Engcon tiltrotator	
Boom Floating Control	
One Pedal Straight Travel System	
Accumulator for Lowering Work Equipment	•
Pattern Change Valve (2 Patterns)	
Fine Swing Control System	
Tool Kit	
UNDERCARRIAGE	STD
Lower frame reinforced coverplates	•
Lower frame normal coverplates	
TRACK SHOES	
Triple Grousers Shoes (600 mm, 24")	•
Triple Grousers Shoe (700 mm, 28")	
Triple Grousers Shoe (800 mm, 32")	
Triple Grousers Shoe (900 mm, 36")	
Double Grousers Shoe (700 mm, 28")	
Track rail guards 2EA	•
Full Track Rail Guard	

### **NOTES**

Specifications and design are subject to change without notice. Pictures of Hyundai Construction Equipment Europe products may show other than standard equipment.

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