HYUNDAI
CONSTRUCTION EQUIPMENT

MOVING YOU FURTHER

CRAWLER EXCAVATOR

HX300AL

HX300ANL / HX300ALR / HX300AHW

HYUNDAI-CE.EU

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!

READY TO CHANGE YOUR WORLD

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)

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)

Serviceability

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

Comfort

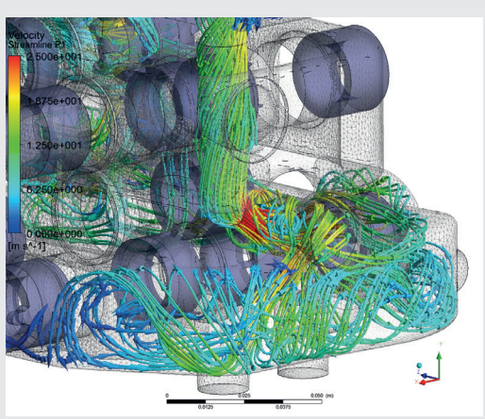
- Spacious cabin
- 8” touchscreen monitor
- Automatic climate control
- Smart key and start/stop button
- Air suspension seat with heater (option)
- Viscous cab suspension mounts
- Ergonomic joystick design

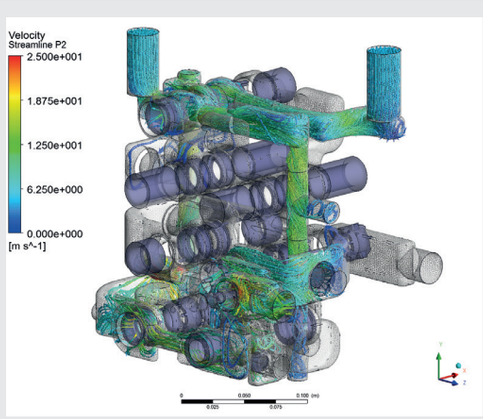
POWER AND EFFICIENCY TO MAKE YOU MORE PRODUCTIVE

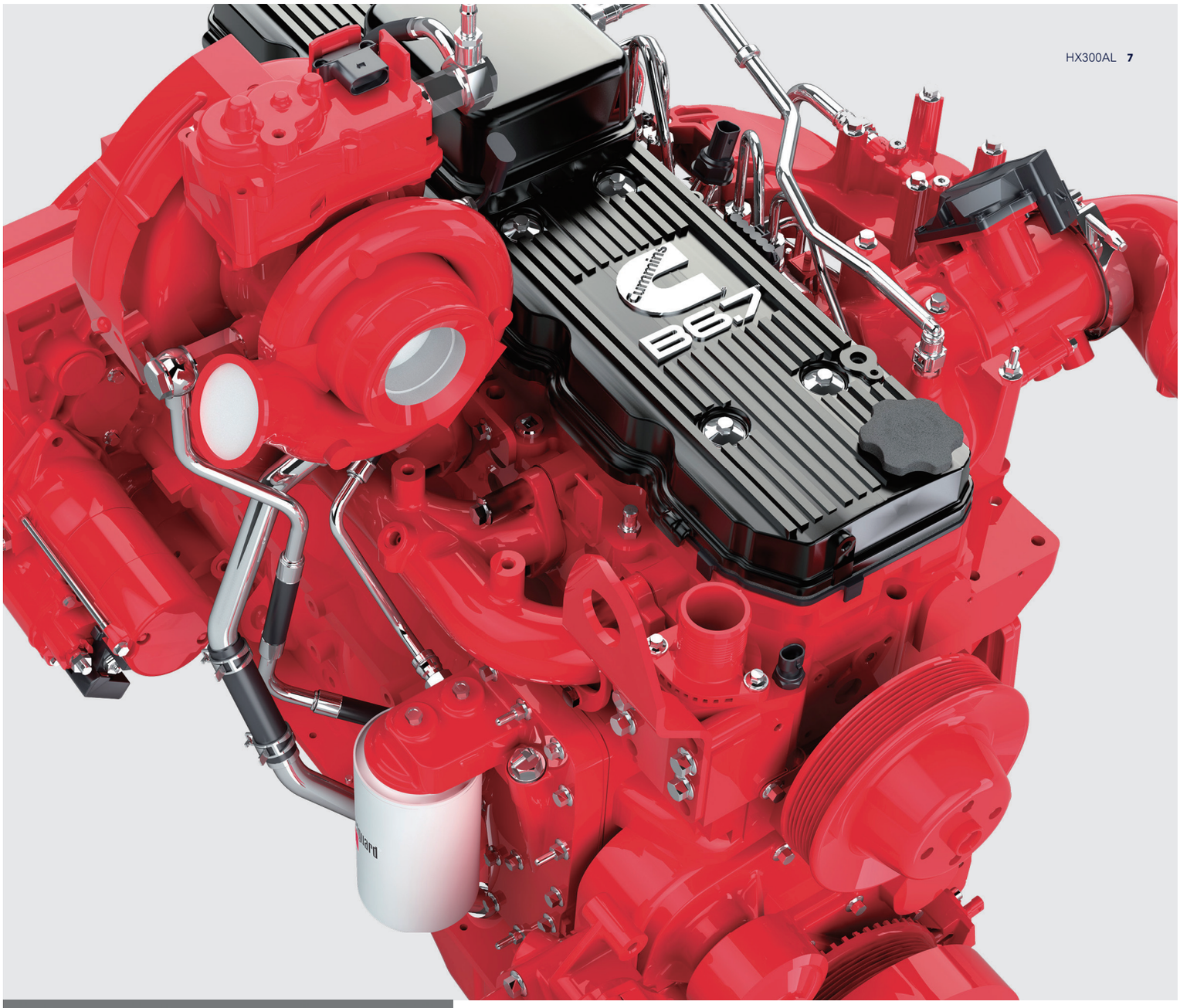
The HX300AL is powered by a robust Stage V-certified Cummins engine with an innovative integrated after-treatment system that reduces both emissions and maintenance requirements. It delivers all the power you need to handle demanding jobs, along with fast levelling and truck loading times and excellent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

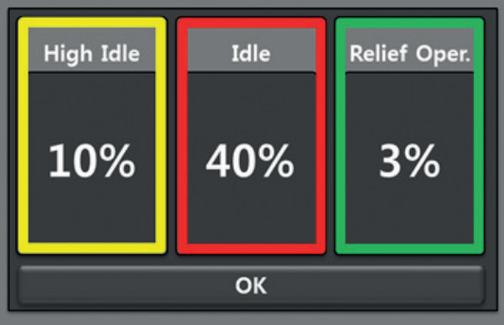
A range of smart technologies are included for precise management of the engine output and pump flow rate. A new EPIC (Electronic Pump Independent Control) system improves efficiency through computerised individual control of the hydraulic pumps. Additional features optimise operation and monitoring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

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.

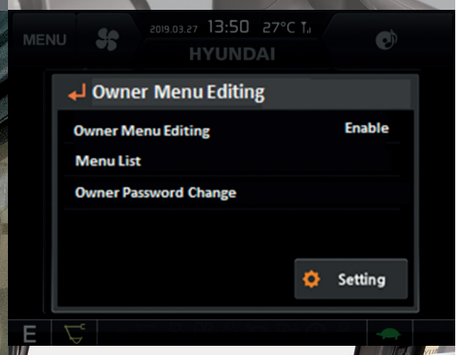
Easy-to-use **3D Machine Guidance** gives precise feedback on the bucket position as well as 3D grading assistance and jobsite mapping in real time. This reduces manpower requirements on site and enhances operator performance. The system includes an optional **Hyundai Ready automatic surveying system**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

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.

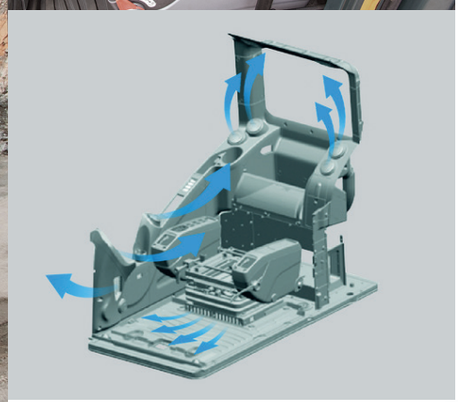
"I have a complete overview of machine status so I can adapt my performance for better results."

- 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.

- 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

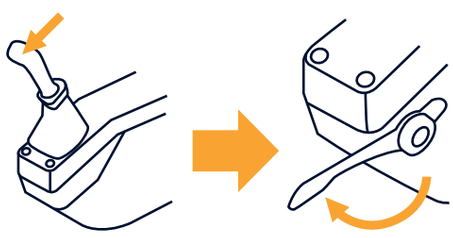
Small details can make a huge difference when it comes to safety and security. The HX300AL offers all-round protection for you, your workmates and your equipment. Its cab and engine hood feature a new design that allows maximum visibility, while All-Around View Monitoring (AAVM) gives you a clear overview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

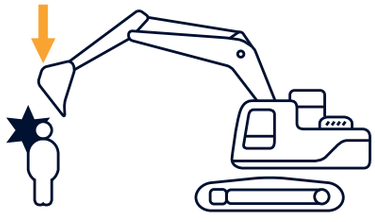
The **All-Around View Monitoring (AAVM)** camera system gives you a 360° overview of your immediate working environment. It also includes Intelligent Moving Object Detection (IMOD) technology that senses and warns you when people or objects come within five metres of the machine.

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."

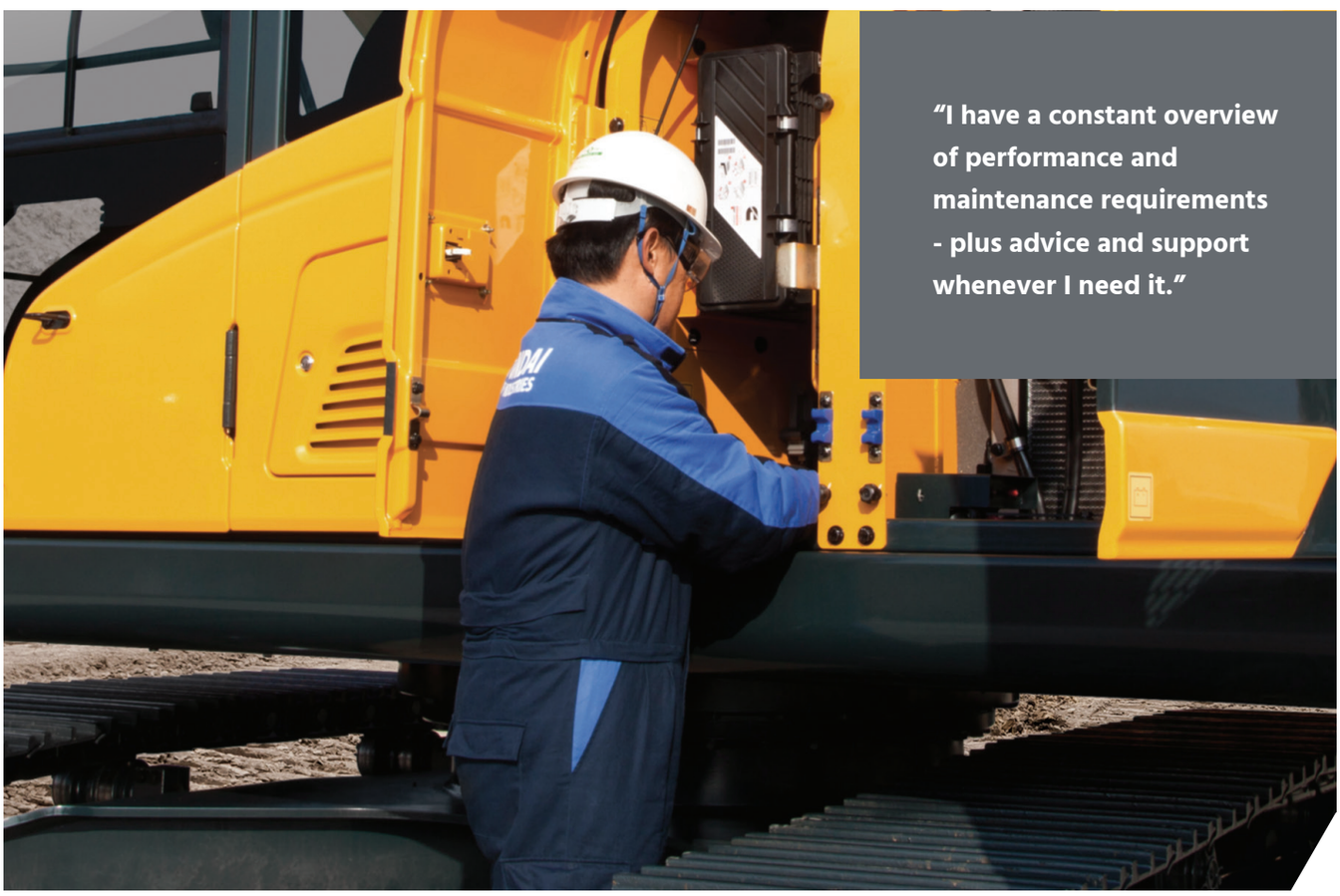
The **auto safety lock** feature prevents unintentional ignition. While the auto safety lock is activated, the excavator is not controlled by the RCV lever.





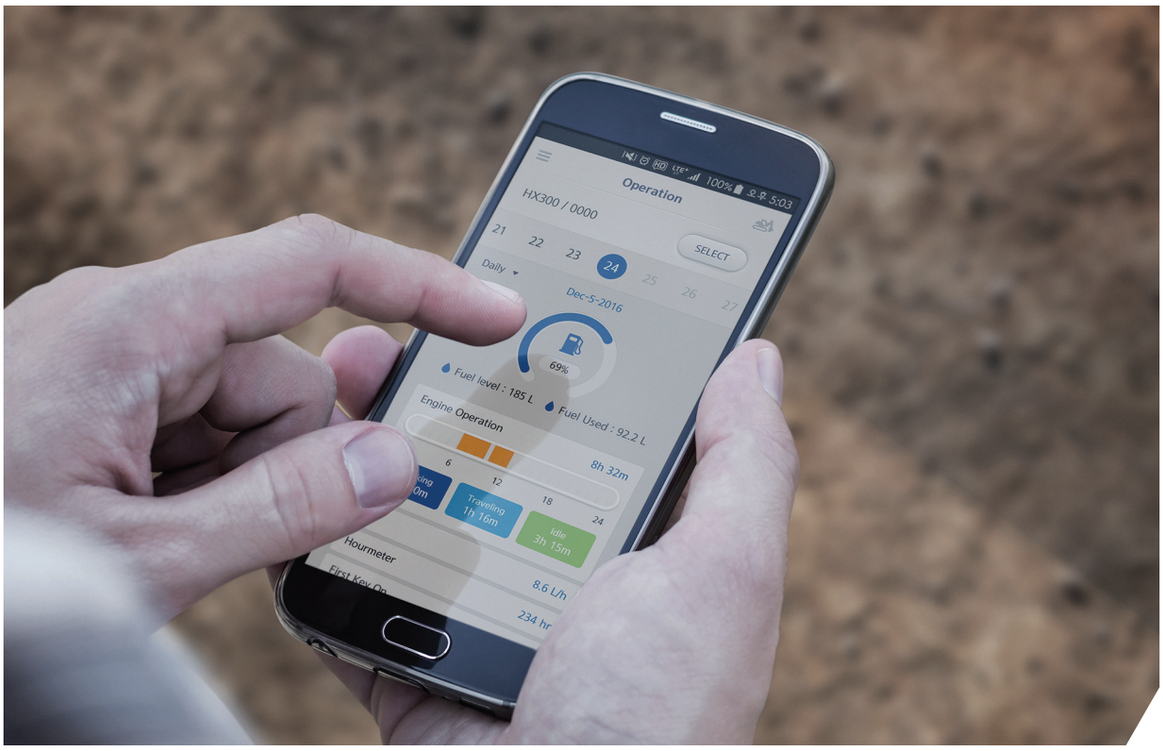
ADVANCED DIAGNOSTICS AND SERVICING SUPPORT

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.



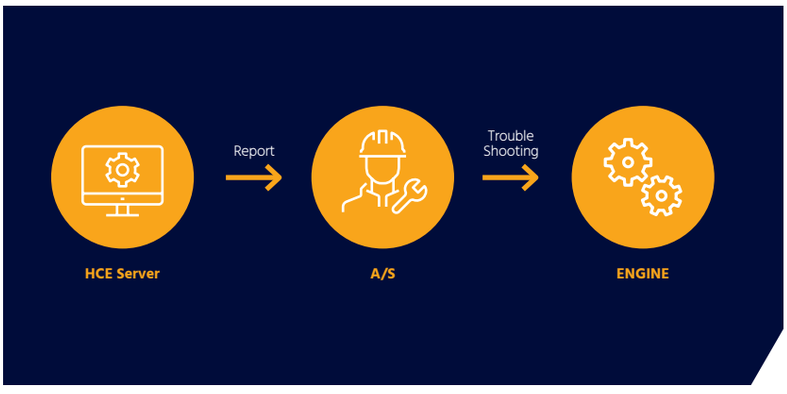
"I have a constant overview of performance and maintenance requirements - plus advice and support whenever I need it."

HiMATE



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.

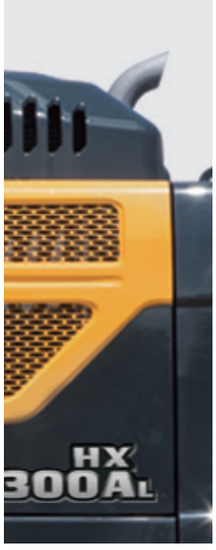


READY FOR ACTION AND BUILT TO LAST

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 after-treatment 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.

The engine and **exhaust after-treatment** system are integrated for simplified control and maintenance.

"Every detail has been reviewed and revised for reliable long-term performance. It means I can keep my promises and have better control of my equipment costs."



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

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 / STAGE V	
Type		4-cycle turbocharged, charge air cooled diesel engine	
Rated Flywheel Horse Power	SAE	J1,995 (Gross)	260 HP (194 kW) at 2,200 rpm
		J1,349 (Net)	255 HP (190 kW) at 2,200 rpm
	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 Displacement		6,700 cc (543 cu in)	
Batteries		2 × 12 V × 160 Ah	
Starting Motor		Denso 24 V-4.8 kW	
Alternator		Denso 24 V-95 A	

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. Flow	2 × 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 system.

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/cm² (5,400 psi)
Swing Circuit	300 kgf/cm³ (4,270 psi)
Pilot Circuit	40 kgf/cm² (570 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS	
No. of Cylinder Bore X Stroke	Boom: Ø140 x 1,465 mm
	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 pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever (LH): swing and arm, (RH): Boom and bucket
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 track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
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
Type	Width mm (in)	kg (lb)		kgf/cm² (psi)
Triple grouser	600 (24")	HX300AL	30,520 (67,290)	0.59 (8.35)
		HX300AL 2pcs boom	33,670 (74,230)	0.65 (9.22)
		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)
		HX300AL 2pcs boom	34,230 (75,460)	0.56 (8.03)
	800 (32")	HX300AL	31,450 (69,340)	0.45 (6.46)
		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)
		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)

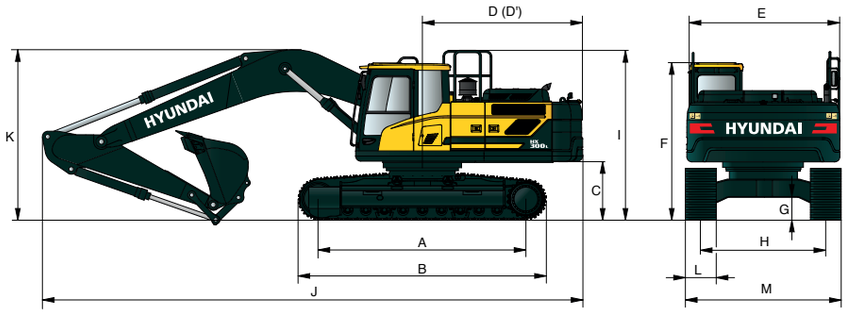
AIR CONDITIONING SYSTEM

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

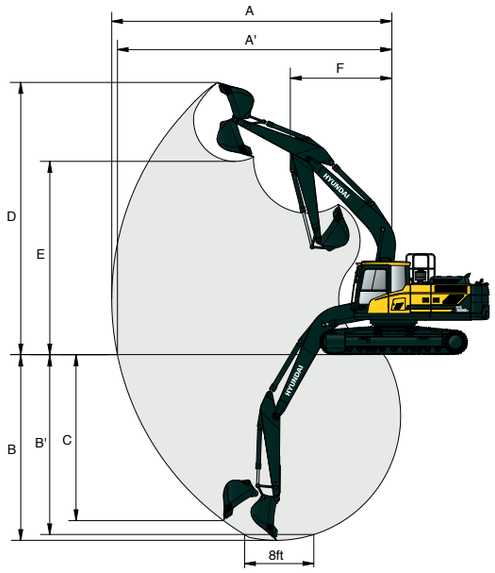


Unit : mm (ft·in)

A	**Tumbler distance**		4,030 (13' 3")
B	**Overall length of crawler**		4,940 (16' 2")
C	**Ground clearance of counterweight**		1,185 (3' 9")
D	**Tail swing radius**		3,210 (10' 5")
D'	**Rear-end length**		3,120 (10' 3")
E	**Overall width of upperstructure**		2,980 (9' 9")
F	**Overall height of cabin**		3,130 (10' 3")
G	**Min. ground clearance**		500 (1' 8")
H	**Track gauge**	**HX300AL**	2,600 (8' 6")
		HX300ANL	2,390 (7' 10")
I	**Overall height of guardrail**		3,335 (10' 11")

	Boom length		6,250 (20' 6")			
	Arm length		2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
J	**Overall length**		10,750 (35' 3")	10,700 (35' 1")	10,600 (34' 9")	10,670 (35' 0")
K	**Overall height of boom**		3,720 (12' 2")	3,560 (11' 8")	3,320 (10' 11")	3,570 (11' 9")
L	**Track shoe**	Type	Triple grouser			
		width	600 (1' 12")	600 (1' 12")	600 (1' 12")	600 (1' 12")
M	**Overall width**	**HX300AL**	3,400 (11' 1")	3,400 (11' 1")	3,400 (11' 1")	3,400 (11' 1")
		HX300ANL	2,990 (9' 10")	-	-	-

HX300AL / HX300ANL WORKING RANGE



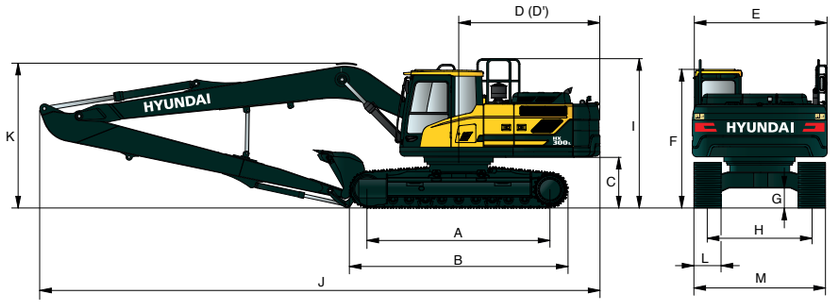
Unit : mm (ft·in)

	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")"
B	**Max. digging depth**	6,380 (20' 11")	6,780 (22' 3")	7,330 (24' 1")	8,030 (25' 4")
B'	**Max. digging depth (8' level)**	6,180(20' 3")	6,600 (21' 8")	7,170 (23' 6")	7,890 (25' 11")
C	**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

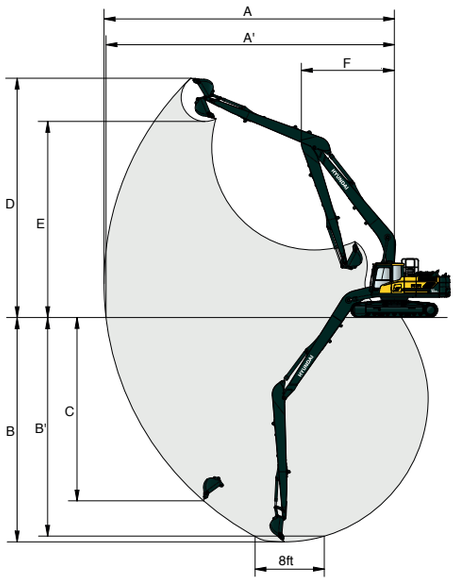


Unit : mm (ft·in)

A	**Tumbler distance**	4,030 (13' 3")
B	**Overall length of crawler**	4,940 (16' 2")
C	**Ground clearance of counterweight**	1,185 (3' 9")
D	**Tail swing radius**	3,210 (10' 5")
D'	**Rear-end length**	3,120 (10' 3")
E	**Overall width of upperstructure**	2,980 (9' 9")
F	**Overall height of cabin**	3,130 (10' 3")
G	**Min. ground clearance**	500 (1' 8")
H	**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")
J	**Overall length**	14,600 (47' 11")
K	**Overall height of boom**	3,560 (11' 8")
L	**Track shoe width**	800 (2' 7")
M	**Overall width**	3,400 (11' 2")

HX300AL / HX300ANL LONG REACH WORKING RANGE



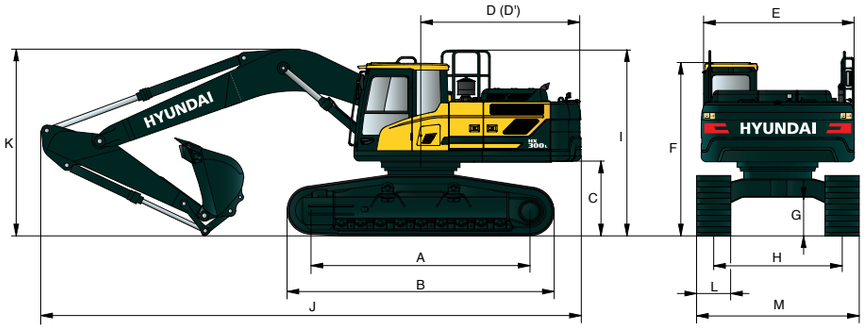
Unit : mm (ft·in)

	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
A	**Max. digging reach**	18,530 (60' 10")
A'	**Max. digging reach on ground**	18,410 (60' 5")
B	**Max. digging depth**	14,740 (48' 4")
B'	**Max. digging depth (8' level)**	14,660 (48' 1")
C	**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



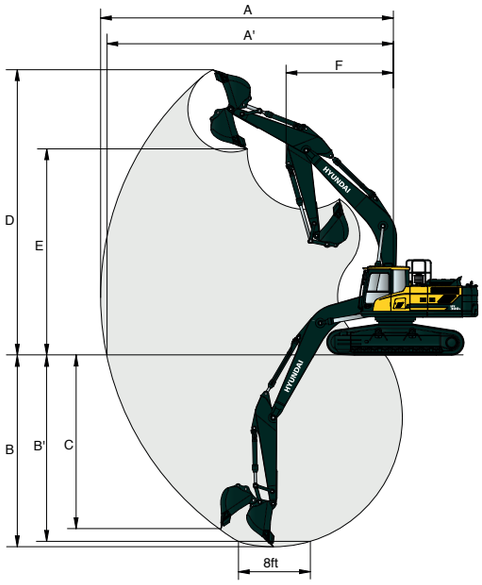
Unit : mm (ft·in)

A	**Tumbler distance**	4,030 (13′ 3″)
B	**Overall length of crawler**	4,940 (16′ 2″)
C	**Ground clearance of counterweight**	1,490 (4′ 9″)
D	**Tail swing radius**	3,210 (10′ 5″)
D'	**Rear-end length**	3,120 (10′ 3″)
E	**Overall width of upperstructure**	2,980 (9′ 9″)
F	**Overall height of cabin**	3,430 (11′ 9″)
G	**Min. ground clearance**	765 (2′ 6″)
H	**Track gauge**	2,870 (9′ 5″)
I	**Overall height of guardrail**	3,640 (11′ 9″)

	Boom length		6,250 (20′ 6″)				10,200 (33′ 6″)
	Arm length		2,100 (6′ 11″)	2,500 (8′ 2″)	3,050 (10′ 0″)	3,750 (12′ 4″)	7,850 (25′ 9″)
J	**Overall length**		10,730 (35′ 2″)	10,640 (34′ 11″)	10,450 (34′ 3″)	10,530 (34′ 7″)	14,470 (47′ 6″)
K	**Overall height of boom**		3,830 (12′ 7″)	3,660 (12′ 0″)	3,440 (11′ 3″)	3,540 (11′ 7″)	3,610 (11′ 10″)
L	**Track shoe**	Type	Double grouser				
		Width	700 (2′ 4″)				
M	**Overall width**		3,570 (11′ 9″)				

HX300AL HIGH WALKER WORKING RANGE

Unit : mm (ft·in)

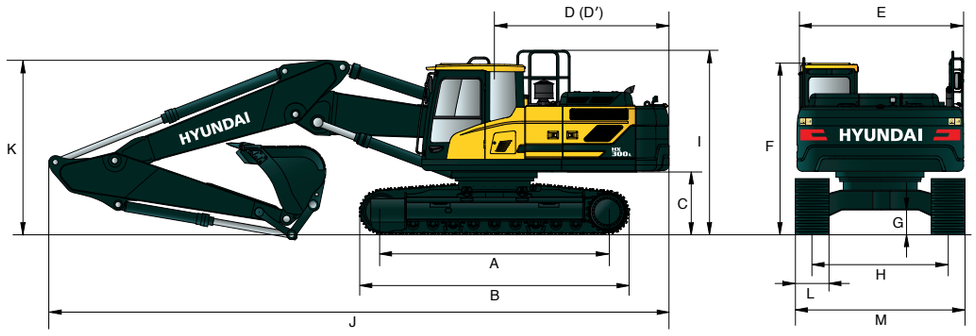


	Boom length	6,250 (20′ 6″)				10,200 (33′ 6″)
	Arm length	2,100 (6′ 11″)	2,500 (8′ 2″)	3,050 (10′ 0″)	3,750 (12′ 4″)	7,850 (25′ 9″)
A	**Max. digging reach**	10,040 (32′ 11″)	10,310 (33′ 10″)	10,810 (35′ 6″)	11,420 (37′ 6″)	18,530 (60′ 10″)
A'	**Max. digging reach on ground**	9,750 (32′ 0″)	10,020 (32′ 10″)	10,540 (34′ 7″)	11,170 (36′ 8″)	18,370 (60′ 3″)
B	**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″)
C	**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

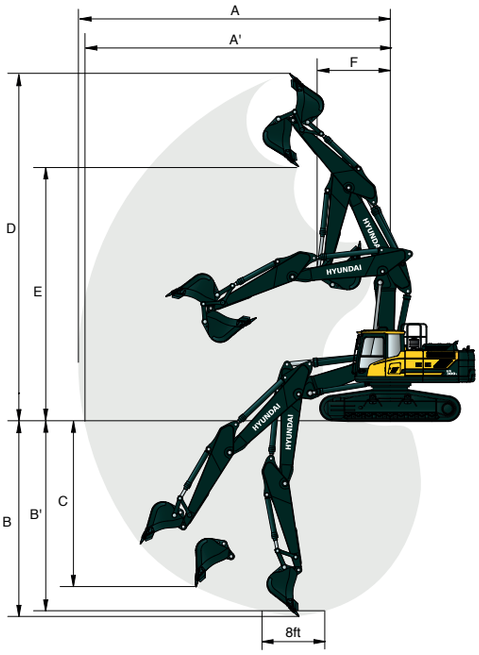


Unit : mm (ft-in)

A	**Tumbler distance**		4,030 (13′ 3″)
B	**Overall length of crawler**		4,940 (16′ 2″)
C	**Ground clearance of counterweight**		1,185 (3′ 9″)
D	**Tail swing radius**		3,210 (10′ 5″)
D′	**Rear-end length**		3,120 (10′ 3″)
E	**Overall width of upperstructure**		2,980 (9′ 9″)
F	**Overall height of cabin**		3,130 (10′ 3″)
G	**Min. ground clearance**		500 (1′ 8″)
H	**Track gauge**	**HX300AL**	2,600 (8′ 6″)
		HX300ANL	2,390 (7′ 10″)
I	**Overall height of guardrail**		3,335 (10′ 11″)

	Boom length		6,250 (20′ 6″)			
	Arm length		3,050 (10′ 0″)	2,500 (8′ 2″)	3,050 (10′ 0″)	3,750 (12′ 4″)
J	**Overall length**		10,740 (35′ 3″)	10,700 (35′ 1″)	10,650 (34′ 11″)	10,670 (35′ 0″)
K	**Overall height of boom**		3,510 (11′ 6″)	3,420 (11′ 3″)	3,290 (10′ 10″)	3,580 (11′ 9″)
L	**Track shoe width**		Triple grouser			
			600 (1′ 12″)	700 (2′ 4″)	800 (2′ 7″)	900 (2′ 11″)
M	**Overall width**	**HX300AL**	3,200 (10′ 6″)	3,300 (10′ 10″)	3,400 (11′ 2″)	3,500 (11′ 5″)
		HX300ANL	2,980 (9′ 9″)	-	-	-

HX300AL / HX300A NL 2-PIECE BOOM DIMENSIONS 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**	10,080 (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″)
B	**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″)
C	**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.






SAE heaped m³ (yd³)	1.27 (1.66)	◈ 1.27 (1.66)	◈ 1.28 (1.67)	▣ 1.33 (1.74)	★ 0.52 (0.68)	0.55 (0.72)
	1.50 (1.96)	◈ 1.46 (1.91)		▣ 1.50 (1.96)		
	1.73 (2.26)					
	1.85 (2.42)					

Capacity m³ (yd³)			Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm (ft.in)							
							Mono				2pcs			L/Reach
							6,250 (20' 6") Boom				6,250 (20' 6") 2-Piece Boom			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	●	●	○	■	●	●	●	-
	1.50 (1.96)	1.30 (1.70)	1,515 (60)	1,600 (63.0)	1,225 (2,700)	5	○	○	■	▲	●	●	○	-
	1.73 (2.26)	1.51 (1.98)	1,605 (63)	1,690 (66.5)	1,310 (2,890)	6	■	■	▲	-	○	○	■	-
	1.85 (2.42)	1.61 (2.11)	1,700 (67)	1,780 (70.1)	1,355 (2,990)	6	■	▲	▲	-	○	○	■	-
◈	1.27 (1.66)	1.11 (1.45)	1,380 (54)	-	1,305 (2,880)	5	●	●	○	■	●	●	●	-
◈	1.46 (1.91)	1.28 (1.67)	1,535 (60)	-	1,395 (3,080)	5	○	○	■	▲	●	●	○	-
◈	1.28 (1.67)	1.12 (1.46)	1,230 (48)	1,300 (51)	1,285 (2,830)	5	●	●	○	■	●	●	●	-
▣	1.33 (1.74)	1.16 (1.52)	1,420 (56)	-	1,490 (3,280)	5	○	○	■	▲	●	●	○	-
▣	1.50 (1.96)	1.30 (1.70)	1,550 (61)	-	1,575 (3,470)	5	■	■	▲	▲	●	●	○	-
★	0.52 (0.68)	0.45 (0.59)	945 (37)	1,020 (40.2)	470 (1,040)	5	-	-	-	-	-	-	-	■
◉	0.55 (0.72)	0.45 (0.59)	1,800 (71)	-	590 (1,300)	-	-	-	-	-	-	-	-	▲

◈ Heavy duty bucket
▣ Rock-Heavy duty bucket
★ Long reach bucket
◉ Slope finishing bucket

● Applicable for materials with density of 2,100 kgf/m³ (3,500 lbf/yd³) or less
○ Applicable for materials with density of 1,800 kgf/m³ (3,000 lbf/yd³) or less
■ Applicable for materials with density of 1,500 kgf/m³ (2,500 lbf/yd³) or less
▲ Applicable for materials with density of 1,200 kgf/m3³ (2,000 lbf/yd³) 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 FORCE

Boom	Length	mm (ft.in)	6,250 (20′ 6″)				10,200 (33′ 6″)	Remarks:
	Weight	kg (lb)	2,780 (6,130)				3,530 (7,780)	
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″)	
	Weight	kg (lb)	1,345 (2,970)	1,430 (3,150)	1,545 (3,410)	1,675 (3,690)	1,685 (3,710)	
Bucket digging force	SAE	kN	164.8 [179.8]	165.7 [180.8]	165.7 [180.8]	166.7 [181.9]	70.6	[ ]: Power Boost
		kgf	16,800 [18,330]	16,900 [18,440]	16,900 [18,440]	17,000 [18,550]	7,200	
		lbf	37,040 [40,410]	37,260 [40,650]	37,260 [40,650]	37,480 [40,900]	15,870	
	ISO	kN	191.2 [208.6]	191.2 [208.6]	192.2 [209.7]	192.2 [209.7]	82.4	
		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	
Arm crowd force	SAE	kN	180.4 [196.8]	155.9 [170.1]	131.4 [143.4]	114.7 [125.1]	47.1	
		kgf	18,400 [20,070]	15,900 [17,350]	13,400 [14,620]	11,700 [12,780]	4,800	
		lbf	40,570 [44,250]	35,050 [38,250]	29.540 [32,230]	25,790 [28,130]	10,580	
	ISO	kN	190.3 [207.5]	163.8 [178.7]	136.3 [148.7]	119.6 [130.5]	48.1	
		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

LIFTING CAPACITY

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-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m	kg													*4,400	*4,400	7.38
(24.6 ft)	lb													*9,700	*9,700	(24.2)
6.0 m	kg									*6,760	6,090			*4,210	*4,210	8.30
(19.7 ft)	lb									*14,900	13,430			*9,280	*9,280	(27.2)
4.5 m	kg					*10,020	*10,020	*8,140	*8,140	*7,220	5,890			*4,200	*4,200	8.86
(14.8 ft)	lb					*22,090	*22,090	*17,950	*17,950	*15,920	12,990			*9,260	*9,260	(29.1)
3.0 m	kg					*12,900	11,920	*9,490	7,840	*7,900	5,610	*5,480	4,150	*4,340	4,030	9.14
(9.8 ft)	lb					*28,440	26,280	*20,920	17,280	*17,420	12,370	*12,080	9,150	*9,570	8,880	(30.0)
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)	lb					*33,200	23,990	*23,610	16,090	18,610	11,710	*13,620	8,820	*10,230	8,530	(30.1)
Ground	kg					*15,890	10,310	11,460	6,900	8,160	5,050			*5,150	3,890	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	*13,090	*13,090	*17,900	*17,900	*14,740	10,000	*11,060	6,560	7,910	4,830			7,750	4,740	7.61
(-9.8 ft)	lb	*28,860	*28,860	*39,460	*39,460	*32,500	22,050	*24,380	14,460	17,440	10,650			17,090	10,450	(25.0)
-4.5 m	kg			*17,250	*17,250	*12,540	10,130	*9,180	6,660					*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-point height m (ft)		Lift-point radius								At max. Reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m	kg					*8,070	*8,070			*8,230	7,750	6.40
(24.6 ft)	lb					*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)	lb					*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)	lb					*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)	lb					*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)	lb					*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	lb					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)	lb			*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)	lb	*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)	lb			*22,050	*22,050					*18,170	*18,170	(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

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-point height m (ft)		Lift-point radius										At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m	kg							*7,410	*7,410			*6,770	*6,770	6.74
(24.6 ft)	lb							*16,340	*16,340			*14,930	*14,930	(22.1)
6.0 m	kg							*7,780	*7,780	*7,410	5,980	*6,440	5,640	7.74
(19.7 ft)	lb							*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)	lb					*24,650	*24,650	*19,420	18,190	*17,060	12,830	*14,150	10,670	(27.4)
3.0 m	kg					*14,020	11,540	*10,080	7,710	*8,330	5,550	*6,640	4,410	8.64
(9.8 ft)	lb					*30,910	25,440	*22,220	17,000	*18,360	12,240	*14,640	9,720	(28.3)
1.5 m	kg							*11,150	7,220	8,400	5,280	6,710	4,230	8.67
(4.9 ft)	lb							*24,580	15,920	18,520	11,640	14,790	9,330	(28.4)
Ground Line	kg					*16,030	10,250	11,420	6,880	8,150	5,060	6,850	4,280	8.43
	lb					*35,340	22,600	25,180	15,170	17,970	11,160	15,100	9,440	(27.6)
-1.5 m	kg			*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)	lb			*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			*19,040	*19,040	*14,130	10,120	*10,700	6,660			*8,730	5,420	6.99
(-9.8 ft)	lb			*41,980	*41,980	*31,150	22,310	*23,590	14,680			*19,250	11,950	(22.9)
-4.5 m	kg			*15,060	*15,060	*11,270	10,340					*8,760	7,630	5.55
(-14.8 ft)	lb			*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-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m	kg													*5,060	*5,060	7.14
(24.6 ft)	lb													*11,160	*11,160	(23.4)
6.0 m	kg							*7,300	*7,300	*6,950	6,020			*4,840	*4,840	8.08
(19.7 ft)	lb							*16,090	*16,090	*15,320	13,270			*10,670	*10,670	(26.5)
4.5 m	kg					*10,390	*10,390	*8,350	8,310	*7,370	5,830			*4,830	4,530	8.66
(14.8 ft)	lb					*22,910	*22,910	*18,410	18,320	*16,250	12,850			*10,650	9,990	(28.4)
3.0 m	kg					*13,240	11,720	*9,660	7,750	*8,010	5,550			*5,000	4,140	8.95
(9.8 ft)	lb					*29,190	25,840	*21,300	17,090	*17,660	12,240			*11,020	9,130	(29.4)
1.5 m	kg					*15,240	10,720	*10,820	7,220	8,380	5,250			*5,350	3,970	8.98
(4.9 ft)	lb					*33,600	23,630	*23,850	15,920	18,470	11,570			*11,790	8,750	(29.5)
Ground Line	kg					*15,880	10,210	11,380	6,830	8,110	5,010			*5,970	4,000	8.75
	lb					*35,010	22,510	25,090	15,060	17,880	11,050			*13,160	8,820	(28.7)
-1.5 m	kg			*11,320	*11,320	*15,590	9,990	11,120	6,610	7,940	4,860			6,930	4,270	8.23
(-4.9 ft)	lb			*24,960	*24,960	*34,370	22,020	24,520	14,570	17,500	10,710			15,280	9,410	(27.0)
-3.0 m	kg	*13,940	*13,940	*19,020	*19,020	*14,460	9,970	*10,890	6,540					8,110	4,940	7.38
(-9.8 ft)	lb	*30,730	*30,730	*41,930	*41,930	*31,880	21,980	*24,010	14,420					17,880	10,890	(24.2)
-4.5 m	kg			*16,410	*16,410	*12,060	10,140	*8,640	6,690					*8,570	6,650	6.03
(-14.8 ft)	lb			*36,180	*36,180	*26,590	22,350	*19,050	14,750					*18,890	14,660	(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.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

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-point height m (ft)		Lift-point radius												At max. Reach		
		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)		Capacity		Reach
																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			*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					*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			*31,920	*31,920	*22,660	22,530							*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-point height m (ft)		Lift-point radius										At max. Reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														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

Rating over-front Rating over-side or 360 degrees

HX300AL 2-PIECE BOOM

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-point height m (ft)		Lift-point radius								At max. Reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
												m (ft)
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 Line	kg					*13,360	8,390	*9,540	6,230	*8,210	5,580	8.19
	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)	lb					*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-point height m (ft)		Lift-point radius								At max. Reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
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 Line	kg			*17,650	12,570	13,480	8,350	*9,370	6,190	*7,410	5,270	8.48
	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.
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 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-point height m (ft)		Lift-point radius											
		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)	
													
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												
3.0 m	kg					*7,990	*7,990			*4,550	*4,550	*3,870	*3,870
(9.8 ft)	lb					*17,610	*17,610			*10,030	*10,030	*8,530	*8,530
1.5 m	kg					*4,090	*4,090	*7,100	*7,100	*5,420	*5,420	*4,460	*4,460
(4.9 ft)	lb					*9,020	*9,020	*15,650	*15,650	*11,950	*11,950	*9,830	*9,830
Ground	kg			*1,270	*1,270	*3,050	*3,050	*7,210	7,130	*6,190	5,360	*5,000	4,210
Line	lb			*2,800	*2,800	*6,720	*6,720	*15,900	15,720	*13,650	11,820	*11,020	9,280
-1.5 m	kg	*1,320	*1,320	*1,820	*1,820	*3,130	*3,130	*5,930	*5,930	*6,800	5,000	*5,460	3,940
(-4.9 ft)	lb	*2,910	*2,910	*4,010	*4,010	*6,900	*6,900	*13,070	*13,070	*14,990	11,020	*12,040	8,690
-3.0 m	kg	*1,960	*1,960	*2,450	*2,450	*3,590	*3,590	*5,880	*5,880	*7,230	4,760	*5,820	3,750
(-9.8 ft)	lb	*4,320	*4,320	*5,400	*5,400	*7,910	*7,910	*12,960	*12,960	*15,940	10,490	*12,830	8,270
-4.5 m	kg	*2,620	*2,620	*3,140	*3,140	*4,230	*4,230	*6,350	6,280	*7,490	4,630	*6,060	3,630
(-14.8 ft)	lb	*5,780	*5,780	*6,920	*6,920	*9,330	*9,330	*14,000	13,850	*16,510	10,210	*13,360	8,000
-6.0 m	kg	*3,310	*3,310	*3,900	*3,900	*5,040	*5,040	*7,170	6,270	*7,590	4,590	6,130	3,570
(-19.7 ft)	lb	*7,300	*7,300	*8,600	*8,600	*11,110	*11,110	*15,810	13,820	*16,730	10,120	13,510	7,870
-7.5 m	kg	*4,060	*4,060	*4,760	*4,760	*6,010	*6,010	*8,340	6,350	*7,510	4,610	6,130	3,580
(-24.6 ft)	lb	*8,950	*8,950	*10,490	*10,490	*13,250	*13,250	*18,390	14,000	*16,560	10,160	13,510	7,890
-9.0 m	kg	*4,900	*4,900	*5,740	*5,740	*7,210	*7,210	*9,080	6,500	*7,240	4,710	*5,960	3,650
(-29.5 ft)	lb	*10,800	*10,800	*12,650	*12,650	*15,900	*15,900	*20,020	14,330	*15,960	10,380	*13,140	8,050
-10.5 m	kg	*5,840	*5,840	*6,910	*6,910	*8,770	*8,770	*8,360	6,740	*6,720	4,880	*5,540	3,780
(-34.4 ft)	lb	*12,870	*12,870	*15,230	*15,230	*19,330	*19,330	*18,430	14,860	*14,820	10,760	*12,210	8,330
-12.0 m	kg			*8,380	*8,380	*9,270	*9,270	*7,220	7,080	*5,810	5,140	*4,710	4,020
(-39.4 ft)	lb			*18,470	*18,470	*20,440	*20,440	*15,920	15,610	*12,810	11,330	*10,380	8,860

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

Rating over-front Rating over-side or 360 degrees

Lift-point height m (ft)		Lift-point radius										At max. Reach		
		10.5 m (34.4 ft)		12.0 m (39.4 ft)		13.5 m (44.3 ft)		15.0 m (49.2 ft)		16.5 m (54.1 ft)		Capacity		Reach
														m (ft)
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)	lb	*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					*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)	lb	*11,020	6,500	9,240	5,470							*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									*6,640	5,910	(38.6)
-12.0 m	kg											*4,130	3,580	9.86
(-39.4 ft)	lb											*9,110	7,890	(32.4)

LIFTING CAPACITY

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-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m	kg													*4,400	*4,400	7.38
(24.6 ft)	lb													*9,700	*9,700	(24.2)
6.0 m	kg									*6,760	5,590			*4,210	*4,210	8.30
(19.7 ft)	lb									*14,900	12,320			*9,280	*9,280	(27.2)
4.5 m	kg					*10,020	*10,020	*8,140	7,690	*7,220	5,400			*4,200	4,010	8.86
(14.8 ft)	lb					*22,090	*22,090	*17,950	16,950	*15,920	11,900			*9,260	8,840	(29.1)
3.0 m	kg					*12,900	10,770	*9,490	7,150	*7,900	5,120	*5,480	3,780	*4,340	3,660	9.14
(9.8 ft)	lb					*28,440	23,740	*20,920	15,760	*17,420	11,290	*12,080	8,330	*9,570	8,070	(30.0)
1.5 m	kg					*15,060	9,760	*10,710	6,620	8,410	4,820	*6,180	3,620	*4,640	3,510	9.17
(4.9 ft)	lb					*33,200	21,520	*23,610	14,590	18,540	10,630	*13,620	7,980	*10,230	7,740	(30.1)
Ground Line	kg					*15,890	9,210	11,410	6,220	8,120	4,570			*5,150	3,520	8.94
	lb					*35,030	20,300	25,150	13,710	17,900	10,080			*11,350	7,760	(29.3)
-1.5 m	kg	*7,640	*7,640	*11,090	*11,090	*15,730	8,970	11,130	5,990	7,940	4,410			*6,050	3,730	8.44
(-4.9 ft)	lb	*16,840	*16,840	*24,450	*24,450	*34,680	19,780	24,540	13,210	17,500	9,720			*13,340	8,220	(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)	lb	*28,860	*28,860	*39,460	*39,460	*32,500	19,640	24,320	13,010	17,370	9,610			17,020	9,440	(25.0)
-4.5 m	kg			*17,250	*17,250	*12,540	9,040	*9,180	5,990					*8,450	5,600	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-point height m (ft)		Lift-point radius								At max. Reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 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 Line	kg					11,360	6,200	8,130	4,590	7,180	4,080	8.15
	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

Rating over-front Rating over-side or 360 degrees

HX300ANL

6.25 m (20′ 6″) boom, 2.5 m (8′ 2″) arm equipped with 5,100 kg counter weight and 600 mm (24″) Triple grouser shoe.

Lift-point height m (ft)		Lift-point radius										At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m	kg							*7,410	*7,410			*6,770	6,630	6.74
(24.6 ft)	lb							*16,340	*16,340			*14,930	14,620	(22.1)
6.0 m	kg							*7,780	*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-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																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	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.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

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-point height m (ft)		Lift-point radius										At max. Reach		
		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)		Capacity		Reach
														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	6,410			*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-point height m (ft)		Lift-point radius						At max. Reach		
		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
										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

Rating over-front Rating over-side or 360 degrees

HX300AL HIGH WALKER

6.25 m (20′ 6″) boom, 3.05 m (10′ 0″) arm equipped with 5,100 kg counter weight and 700 mm (28″) Double grouser shoe.

Lift-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0 m	kg													*4,760	*4,760	6.34
(29.5 ft)	lb													*10,490	*10,490	(20.8)
7.5 m	kg									*5,020	*5,020			*4,340	*4,340	7.63
(24.6 ft)	lb									*11,070	*11,070			*9,570	*9,570	(25.0)
6.0 m	kg							*7,270	*7,270	*6,830	*6,830			*4,190	*4,190	8.45
(19.7 ft)	lb							*16,030	*16,030	*15,060	*15,060			*9,240	*9,240	(27.7)
4.5 m	kg					*10,660	*10,660	*8,440	*8,440	*7,360	7,200			*4,220	*4,220	8.95
(14.8 ft)	lb					*23,500	*23,500	*18,610	*18,610	*16,230	15,870			*9,300	*9,300	(29.4)
3.0 m	kg					*13,500	*13,500	*9,790	9,600	*8,060	6,900	*5,770	5,180	*4,390	*4,390	9.17
(9.8 ft)	lb					*29,760	*29,760	*21,580	21,160	*17,770	15,210	*12,720	11,420	*9,680	*9,680	(30.1)
1.5 m	kg					*15,350	13,710	*10,930	9,070	*8,700	6,600	*6,090	5,020	*4,730	*4,730	9.14
(4.9 ft)	lb					*33,840	30,230	*24,100	20,000	*19,180	14,550	*13,430	11,070	*10,430	*10,430	(30.0)
Ground	kg			*6,560	*6,560	*15,930	13,200	*11,550	8,690	*9,090	6,360			*5,310	5,010	8.86
Line	lb			*14,460	*14,460	*35,120	29,100	*25,460	19,160	*20,040	14,020			*11,710	11,050	(29.1)
-1.5 m	kg	*8,890	*8,890	*12,490	*12,490	*15,580	12,990	*11,570	8,480	8,970	6,210			*6,340	5,410	8.29
(-4.9 ft)	lb	*19,600	*19,600	*27,540	*27,540	*34,350	28,640	*25,510	18,700	19,780	13,690			*13,980	11,930	(27.2)
-3.0 m	kg	*14,430	*14,430	*19,790	*19,790	*14,370	12,970	*10,800	8,420					*8,270	6,350	7.36
(-9.8 ft)	lb	*31,810	*31,810	*43,630	*43,630	*31,680	28,590	*23,810	18,560					*18,230	14,000	(24.2)
-4.5 m	kg			*16,130	*16,130	*11,760	*11,760							*8,460	*8,460	5.93
(-14.8 ft)	lb			*35,560	*35,560	*25,930	*25,930							*18,650	*18,650	(19.4)

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-point height m (ft)		Lift-point radius								At max. Reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m	kg					*8,010	*8,010			*8,140	*8,140	6.68
(24.6 ft)	lb					*17,660	*17,660			*17,950	*17,950	(21.9)
6.0 m	kg					*8,460	*8,460	*7,940	7,220	*7,970	7,030	7.61
(19.7 ft)	lb					*18,650	*18,650	*17,500	15,920	*17,570	15,500	(25.0)
4.5 m	kg					*9,540	*9,540	*8,210	7,070	*7,990	6,140	8.16
(14.8 ft)	lb					*21,030	*21,030	*18,100	15,590	*17,610	13,540	(26.8)
3.0 m	kg					*10,730	9,400	*8,740	6,820	8,030	5,710	8.41
(9.8 ft)	lb					*23,660	20,720	*19,270	15,040	17,700	12,590	(27.6)
1.5 m	kg					*11,570	8,960	*9,180	6,570	7,910	5,590	8.37
(4.9 ft)	lb					*25,510	19,750	*20,240	14,480	17,440	12,320	(27.5)
Ground	kg					*11,810	8,690	9,150	6,390	8,240	5,780	8.06
Line	lb					*26,040	19,160	20,170	14,090	18,170	12,740	(26.4)
-1.5 m	kg			*14,920	13,130	*11,370	8,570			*8,700	6,420	7.42
(-4.9 ft)	lb			*32,890	28,950	*25,070	18,890			*19,180	14,150	(24.4)
-3.0 m	kg	*16,890	*16,890	*13,020	*13,020	*9,720	8,630			*8,730	7,970	6.38
(-9.8 ft)	lb	*37,240	*37,240	*28,700	*28,700	*21,430	19,030			*19,250	17,570	(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.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

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-point height m (ft)		Lift-point radius										At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														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 Line	kg					*15,970	*15,970	*11,740	8,680	9,140	6,370	7,830	5,500	8.33
	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					*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

Rating over-front Rating over-side or 360 degrees

HX300AL HIGH WALKER

6.25 m (20′ 6″) boom, 3.75 m (12′ 4″) arm equipped with 5,100 kg counter weight and 700 mm (28″) Double grouser shoe.

Lift-point height m (ft)		Lift-point radius												At max. Reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0 m	kg													*3,720	*3,720	7.21
(29.5 ft)	lb													*8,200	*8,200	(23.6)
7.5 m	kg									*5,440	*5,440			*3,450	*3,450	8.36
(24.6 ft)	lb									*11,990	*11,990			*7,610	*7,610	(27.4)
6.0 m	kg									*6,110	*6,110	*3,880	*3,880	*3,360	*3,360	9.12
(19.7 ft)	lb									*13,470	*13,470	*8,550	*8,550	*7,410	*7,410	(29.9)
4.5 m	kg							*7,560	*7,560	*6,730	*6,730	*5,530	5,420	*3,390	*3,390	9.58
(14.8 ft)	lb							*16,670	*16,670	*14,840	*14,840	*12,190	11,950	*7,470	*7,470	(31.4)
3.0 m	kg					*12,100	*12,100	*9,010	*9,010	*7,510	6,990	*6,690	5,250	*3,530	*3,530	9.79
(9.8 ft)	lb					*26,680	*26,680	*19,860	*19,860	*16,560	15,410	*14,750	11,570	*7,780	*7,780	(32.1)
1.5 m	kg					*14,450	14,030	*10,330	9,200	*8,270	6,660	*7,090	5,050	*3,790	*3,790	9.76
(4.9 ft)	lb					*31,860	30,930	*22,770	20,280	*18,230	14,680	*15,630	11,130	*8,360	*8,360	(32.0)
Ground Line	kg			*7,580	*7,580	*15,600	13,320	*11,210	8,750	*8,820	6,370	6,960	4,880	*4,220	*4,220	9.49
	lb			*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	kg	*7,940	*7,940	*11,560	*11,560	*15,740	12,960	*11,530	8,460	8,930	6,170			*4,950	4,790	8.96
(-4.9 ft)	lb	*17,500	*17,500	*25,490	*25,490	*34,700	28,570	*25,420	18,650	19,690	13,600			*10,910	10,560	(29.4)
-3.0 m	kg	*12,090	*12,090	*16,810	*16,810	*15,010	12,840	*11,160	8,330	*8,620	6,080			*6,300	5,460	8.12
(-9.8 ft)	lb	*26,650	*26,650	*37,060	*37,060	*33,090	28,310	*24,600	18,360	*19,000	13,400			*13,890	12,040	(26.6)
-4.5 m	kg	*17,320	*17,320	*18,640	*18,640	*13,160	12,930	*9,740	8,370					*8,050	6,970	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	kg					*8,890	*8,890							*8,130	*8,130	4.80
(-19.7 ft)	lb					*19,600	*19,600							*17,920	*17,920	(15.8)

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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 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-point height m (ft)		Lift-point radius											
		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)	
													
13.5 m (44.3 ft)	kg												
	lb												
12.0 m (39.4ft)	kg												
	lb												
10.5 m (34.4 ft)	kg												
	lb												
9.0 m (29.5 ft)	kg												
	lb												
7.5 m (24.6 ft)	kg												
	lb												
6.0 m (19.7 ft)	kg												
	lb												
4.5 m (14.8 ft)	kg												
	lb												
3.0 m (9.8 ft)	kg					*8,610	*8,610	*6,030	*6,030	*4,750	*4,750	*4,000	*4,000
	lb					*18,980	*18,980	*13,290	*13,290	*10,470	*10,470	*8,820	*8,820
1.5 m (4.9 ft)	kg					*3,650	*3,650	*7,380	*7,380	*5,610	*5,610	*4,590	*4,590
	lb					*8,050	*8,050	*16,270	*16,270	*12,370	*12,370	*10,120	*10,120
Ground Line	kg			*1,380	*1,380	*3,010	*3,010	*6,720	*6,720	*6,350	*6,350	*5,110	*5,110
	lb			*3,040	*3,040	*6,640	*6,640	*14,820	*14,820	*14,000	*14,000	*11,270	*11,270
-1.5 m (-4.9 ft)	kg	*1,470	*1,470	*1,950	*1,950	*3,210	*3,210	*5,850	*5,850	*6,910	6,160	*5,550	4,850
	lb	*3,240	*3,240	*4,300	*4,300	*7,080	*7,080	*12,900	*12,900	*15,230	13,580	*12,240	10,690
-3.0 m (-9.8 ft)	kg	*2,110	*2,110	*2,600	*2,600	*3,720	*3,720	*5,950	*5,950	*7,310	5,940	*5,880	4,670
	lb	*4,650	*4,650	*5,730	*5,730	*8,200	*8,200	*13,120	*13,120	*16,120	13,100	*12,960	10,300
-4.5 m (-14.8 ft)	kg	*2,770	*2,770	*3,310	*3,310	*4,400	*4,400	*6,510	*6,510	*7,530	5,830	*6,100	4,560
	lb	*6,110	*6,110	*7,300	*7,300	*9,700	*9,700	*14,350	*14,350	*16,600	12,850	*13,450	10,050
-6.0 m (-19.7 ft)	kg	*3,480	*3,480	*4,090	*4,090	*5,240	*5,240	*7,400	*7,400	*7,580	5,810	*6,180	4,530
	lb	*7,670	*7,670	*9,020	*9,020	*11,550	*11,550	*16,310	*16,310	*16,710	12,810	*13,620	9,990
-7.5 m (-24.6 ft)	kg	*4,240	*4,240	*4,970	*4,970	*6,260	*6,260	*8,660	8,060	*7,470	5,850	*6,120	4,550
	lb	*9,350	*9,350	*10,960	*10,960	*13,800	*13,800	*19,090	17,770	*16,470	12,900	*13,490	10,030
-9.0 m (-29.5 ft)	kg	*5,100	*5,100	*5,980	*5,980	*7,530	*7,530	*8,940	8,240	*7,150	5,960	*5,890	4,630
	lb	*11,240	*11,240	*13,180	*13,180	*16,600	*16,600	*19,710	18,170	*15,760	13,140	*12,990	10,210
-10.5 m (-34.4 ft)	kg	*6,080	*6,080	*7,210	*7,210	*9,200	*9,200	*8,150	*8,150	*6,560	6,160	*5,390	4,790
	lb	*13,400	*13,400	*15,900	*15,900	*20,280	*20,280	*17,970	*17,970	*14,460	13,580	*11,880	10,560
-12.0 m (-39.4 ft)	kg			*8,780	*8,780	*8,810	*8,810	*6,870	*6,870	*5,530	*5,530	*4,430	*4,430
	lb			*19,360	*19,360	*19,420	*19,420	*15,150	*15,150	*12,190	*12,190	*9,770	*9,770

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

Rating over-front Rating over-side or 360 degrees

Lift-point height m (ft)		Lift-point radius										At max. Reach		
		10.5 m (34.4 ft)		12.0 m (39.4 ft)		13.5 m (44.3 ft)		15.0 m (49.2 ft)		16.5 m (54.1 ft)		Capacity		Reach
														m (ft)
13.5 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			*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			*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			*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					*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							*5070	*5070	(42.3)
-10.5 m	kg	*4,450	3,910									*3320	*3320	11.37
(-34.4 ft)	lb	*9,810	8,620									*7320	*7320	(37.3)
-12.0 m	kg											*4180	*4180	9.35
(-39.4 ft)	lb											*9220	*9220	(30.7)

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	●

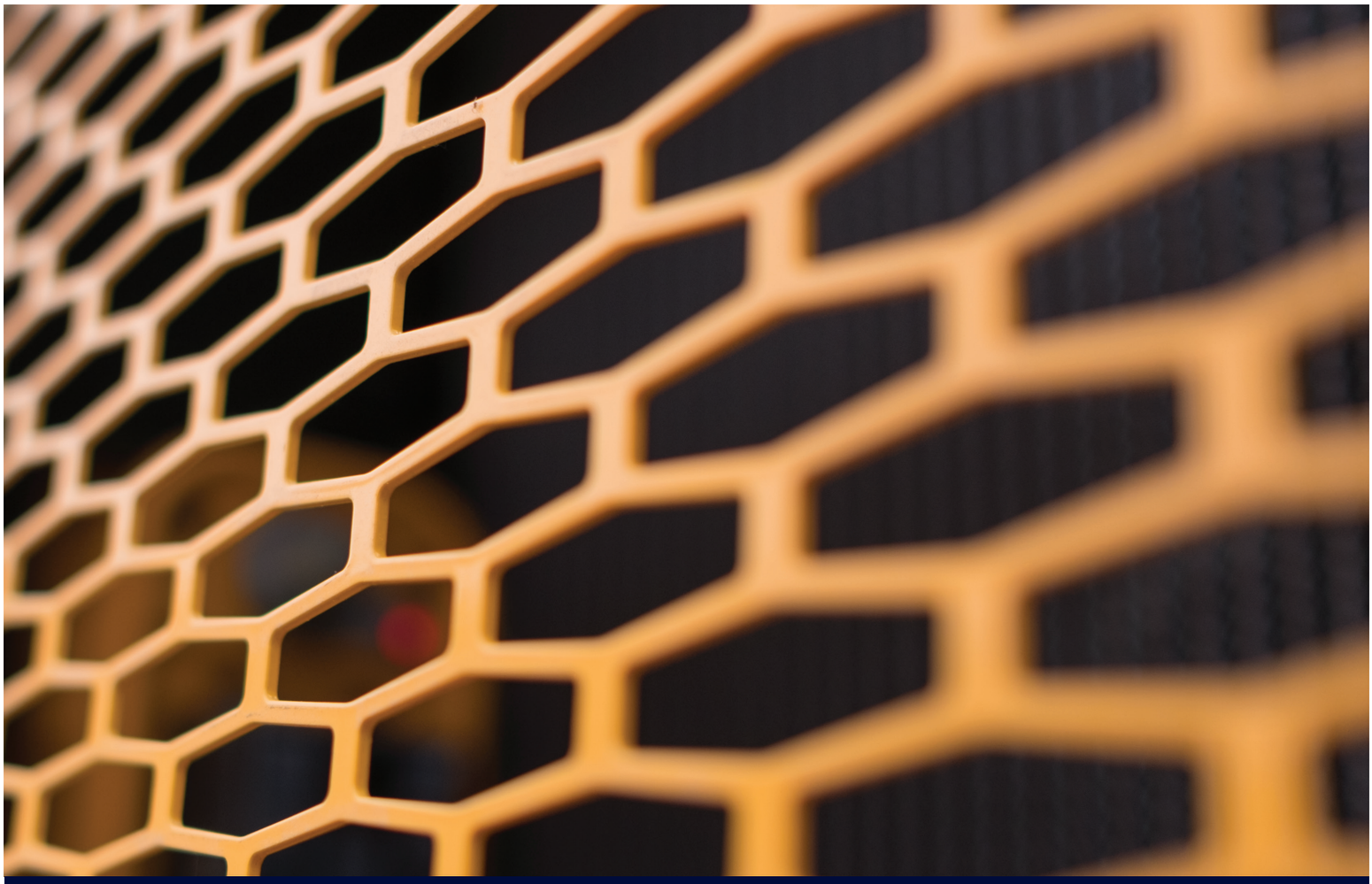
CABIN & INTERIOR	STD
ISO STANDARD CABIN	
Rise-Up Type Windshield Wiper	●
Radio / USB Player	●
Handsfree Mobile Phone System with USB	●
12 V Power Outlet (24 V DC to 12 V DC Converter)	●
Electric Horn	●
All-Weather Steel Cab with 360° Visibility	●
Safety Glass Windows	●
Sliding Fold-In Front Window	●
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	
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 (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)	
ROPS (Roll Over Protective Structure)	●

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



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