HYUNDAI
CONSTRUCTION EQUIPMENT

MOVING YOU FURTHER

CRAWLER EXCAVATOR

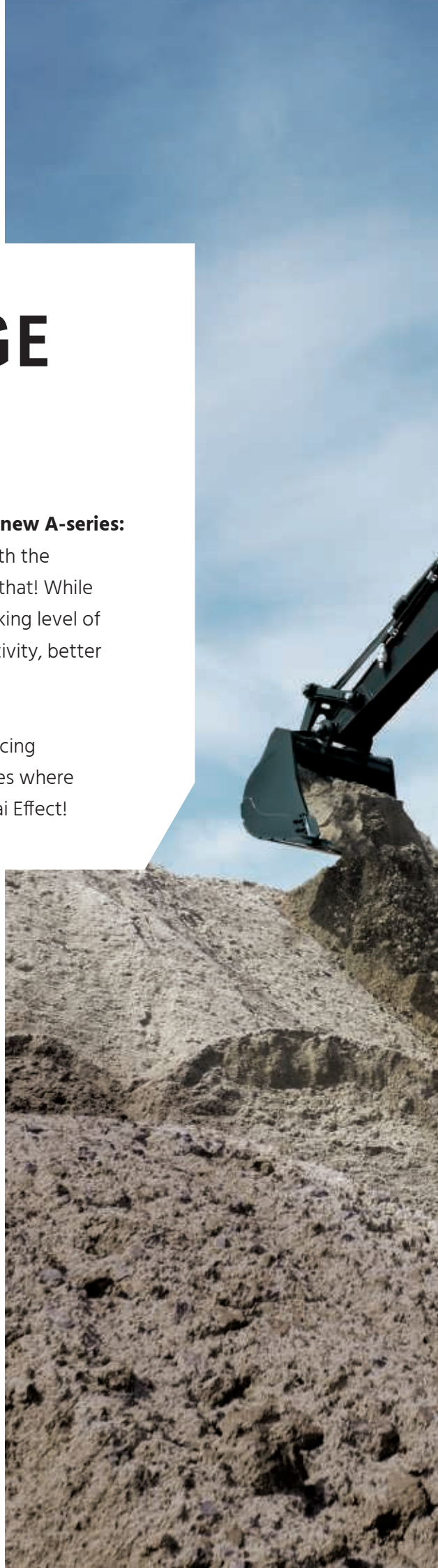
HX330AL

HYUNDAI-CE.EU

READY TO CHANGE YOUR WORLD

The HX330AL 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 HX330AL opens up a world of new possibilities where tiny efforts move mountains. It's time to experience the Hyundai Effect!



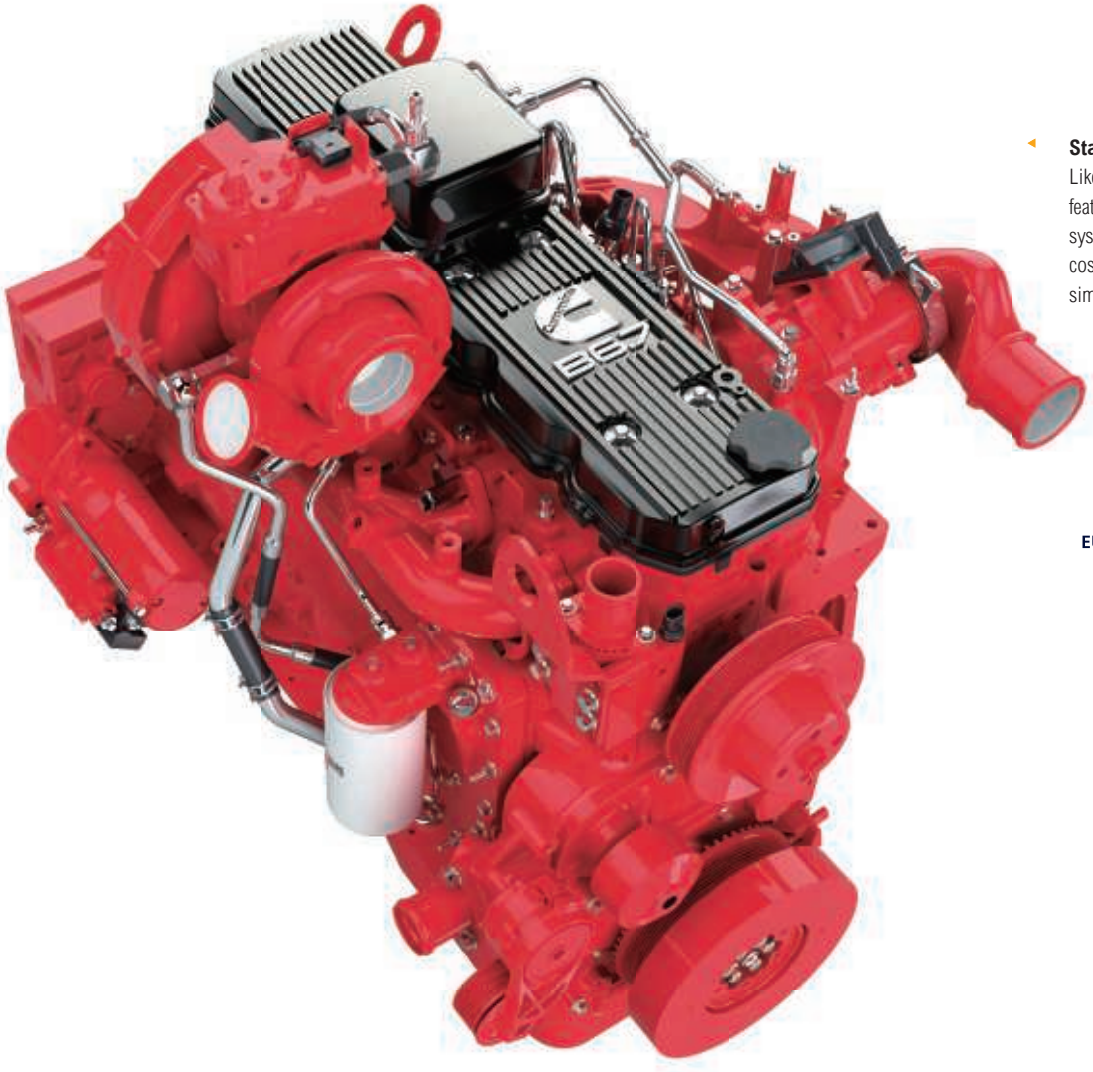

HYUNDAI
HX
330AL
HYUNDAI

Productivity & Efficiency

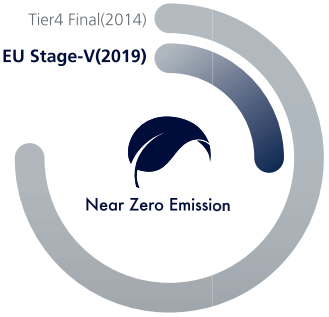
POWER AND EFFICIENCY TO MAKE YOU MORE PRODUCTIVE

The HX330AL 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.

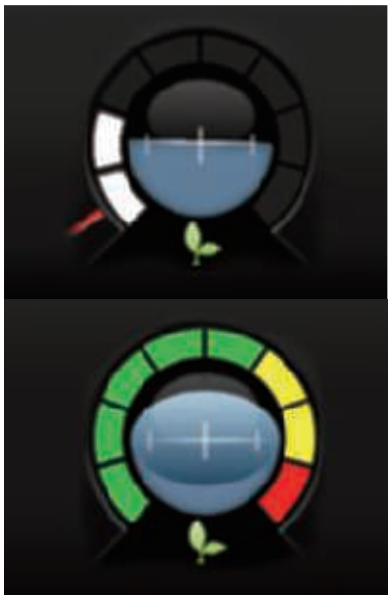
A range of smart technologies are included for precise management of the engine output and pump flow rate. The upgraded IPC (Intelligent Power Control) system improves efficiency through automated control of the individual hydraulic pumps. Additional features optimise operation and monitoring to enhance productivity every single day.



Stage V-certified engine
Like all A-Series machines, the HX330AL features our all-in-one exhaust aftertreatment system, which cuts emissions and operating costs while enhancing reliability and simplifying maintenance.

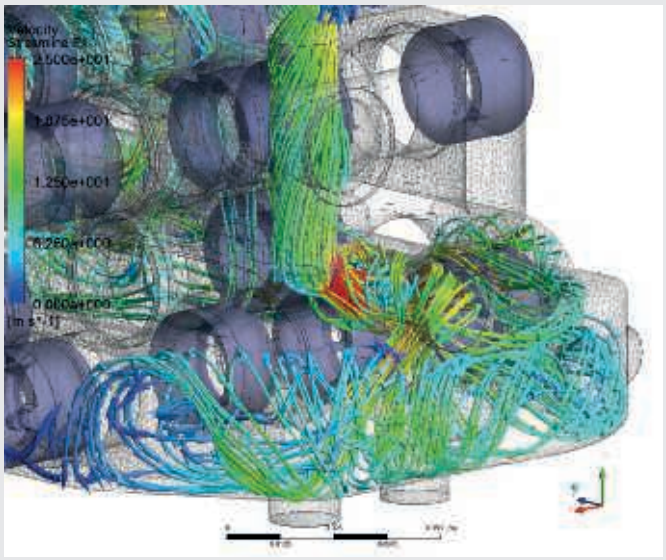


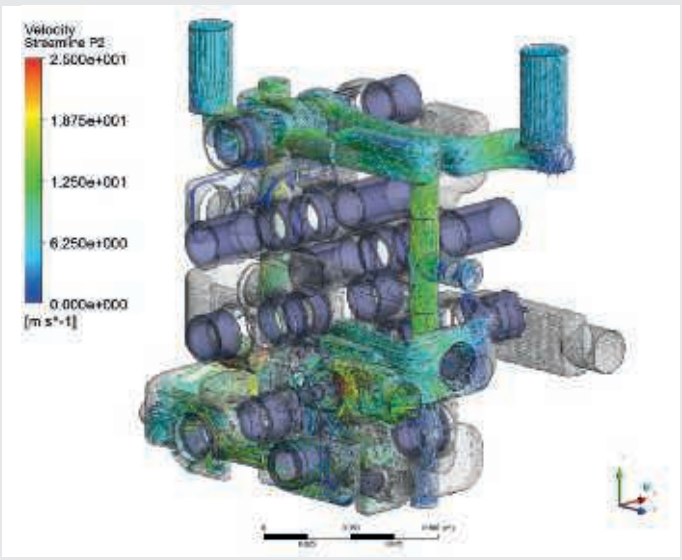
"I'm saving on fuel and reducing emissions without having to compromise on productivity!"



EPIC (Electric Pump Independent Control)
The HX A-Series features an improved IPC (Intelligent Power Control) system that optimises the pump flow rate and power at various working conditions through individual pump control. EPIC improves fuel efficiency while helping to reduce losses in hydraulic flow and maximise production capacity.

Eco Gauge
The gauge level adjusts according to the engine workload, while different colours provide an instant view of fuel savings during operation.





Fuel Rate Information
Average or recent fuel consumption can be displayed to guide you towards more economical operation.

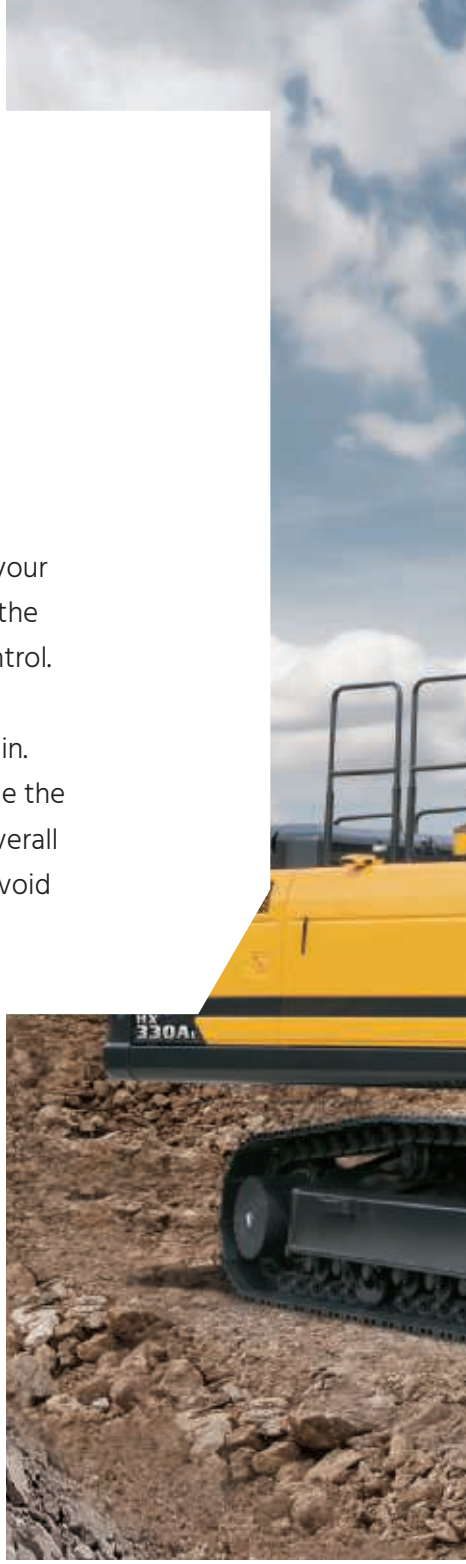
Eco Report
The Eco Report feature helps you to develop efficient working habits by displaying real-time information about machine performance.

Durability

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 HX330AL, 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.

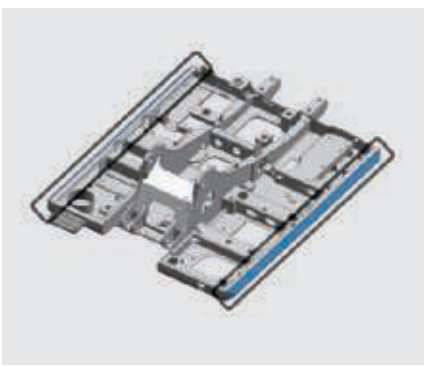
"Every detail has been reviewed and revised for reliable long-term performance. It means I can keep my promises and have better control of my equipment costs."



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

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

Side protectors
The machine can optionally be equipped with side bumpers to absorb any impact on the exterior frame and protect the machine.



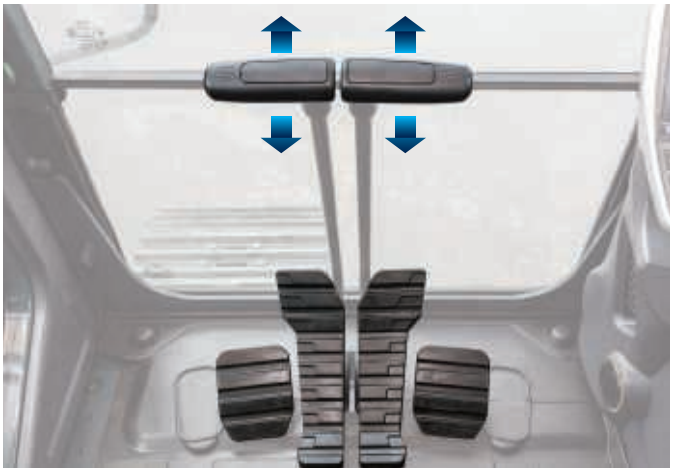
Cooling module
HX A-Series machines are enhanced with a durable cooling module that has been stringently tested to protect productivity in tough working environments.

Operator Comfort

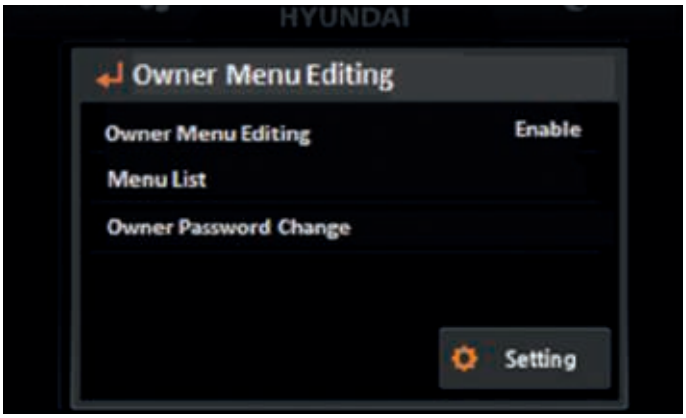
A CABIN DESIGNED AROUND YOU

The HX330AL 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.

Wide touchscreen monitor
The HX330AL features an 8-inch display with a touchscreen and excellent legibility. It allows quick and easy access to machine status information at any time during operation.



Straight travel pedal (option)
The straight travel pedal option adds to comfort and convenience when travelling long distances or combining travel and attachment operation.



Owner Menu Editing (OME)
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.

Air suspension seat and ergonomic joystick
The HX330AL has a luxurious air suspension seat with heating as standard. The ergonomic joystick makes operation comfortable and intuitive.

Proportional auxiliary hydraulic controls (option)
Sensitive regulated proportional controls are available as an option. They enhance work results by enabling smooth and precise operation of hydraulic attachments via the joysticks.

Miracast connectivity
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.

Haptic controller
The accelerator, remote air conditioner controller and instrument cluster can be operated using the convenient jog shuttle-type haptic controller.

Safety

PROTECTION FOR CO-WORKERS AND MACHINERY

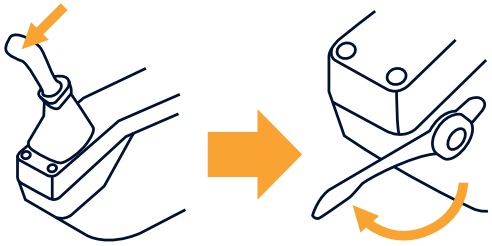
Small details can make a huge difference when it comes to safety and security. The HX330AL offers all-round protection for you, your workmates and your equipment. The cabin is designed to provide maximum visibility, while Advanced Around View Monitoring (AAVM) gives you a clear overview of your surroundings. By helping to ensure an accident-free worksite, the HX330AL contributes to the peace of mind and productivity that form part of the Hyundai Effect.

Cabin structure
The cabin structure is reinforced with integrally welded, low-stress, high-strength steel. It is certified to ISO 12117-2 (ROPS - Roll-over Protective Structures) and ISO 10262 Level 2 (FOPS - Falling Object Protective Structures) safety standards.

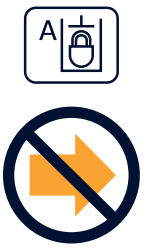
Advanced Around View Monitoring (AAVM)
The AAVM camera system gives you a 360° overview of your immediate working environment. It also includes Intelligent Moving Object Detection (IMOD) technology that senses and warns you when people or objects come within five metres of the machine.

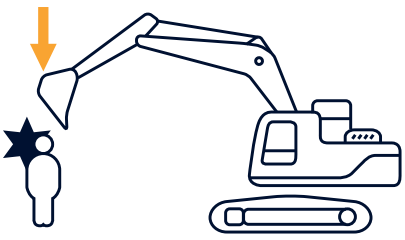
"The HX330AL has lots of advanced technologies that protect machine operators and make the construction site a safer place."

Improved visibility and safety
The open design of the cabin entrance gives the operator a clear, unimpeded view to the exterior. The door handle has also been redesigned for safer, more convenient access.



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





Serviceability & Connectivity

ADVANCED DIAGNOSTICS AND SERVICING SUPPORT

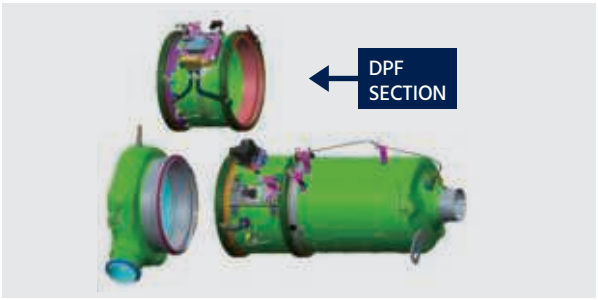
The peace of mind that comes with quick, low-effort servicing is also part of the Hyundai Effect. The HX330AL is designed to make maintenance as convenient as possible. All components and materials have been optimised to ensure a long, trouble-free life. Hyundai's innovative Hi MATE telematics system enables full monitoring of machine activity and performance. Maximum connectivity is integrated to help you create a smart construction site and protect your profitability.

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

HCE Diagnostic Tools (HCE-DT) app
Technicians can now connect wirelessly to the machine on-site using a smartphone or laptop. A quick check can be performed to diagnose the root cause of a failure or to troubleshoot for fault codes. The HCE-DT app retrieves machine and engine data from a combined cloud-based platform to run a failure analysis in real-time. Combined with ECD, it increases first-visit fix rates.

Mobile Fleet app
Hyundai's new Mobile Fleet app provides all the information you need to run your fleet efficiently and economically. Based on telematics, this advanced solution uses simple graphics and key performance data for smart fleet management.

Passive DPF system
The passive system provides permanent regeneration of the diesel particulate filter during operation, eliminating the need for active DPF regeneration.



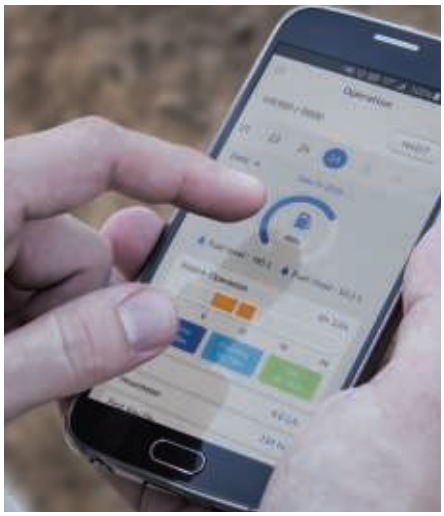
200%
improved

Extended filter lifetime
The service intervals for the engine-oil filter and the fuel filters have been increased from 500 hours to 1,000 hours.

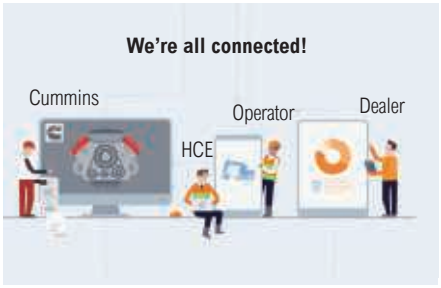
HiMATE

Boost efficiency and performance

For maximum convenience and security, the HL975A CVT 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 equipment wherever you are 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.



ECD (Engine Connected Diagnostics)
ECD 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.



Increase productivity
By providing information such as service hours, idle time and fuel consumption, Hi MATE saves you money and improves productivity. Service alerts enable better maintenance planning.

Monitor your machines
Hi MATE's real-time location information allows better, more convenient monitoring of your equipment. Just log onto the Hi MATE website or mobile app to see your machines at any time, from any location. Receive data online, by e-mail or directly on your mobile device.

Improve security
Protect your equipment from theft or unauthorised usage. Hi MATE's geofencing alerts notify you automatically when a machine leaves a predetermined zone.

Parts & Warranties

HYUNDAI GENUINE PARTS AND WARRANTIES: THE BEST WAY TO PROTECT YOUR INVESTMENT

Hyundai Genuine parts, accessories and warranty programmes are specially designed to keep your machine covered. They increase uptime and maintain the performance, comfort, and convenience that are built into your equipment.

Fuel filters
Hyundai fuel filters provide the right degree of filtration to keep your engine clean. They are designed to meet and exceed the engine manufacturer's prerequisites for water separation and dirt filtration, prolonging the life of your engine.

Hyundai Genuine parts
Hyundai Genuine parts have the same design as those installed when your machine left the factory. They are subjected to rigorous quality inspections and tests to make sure they meet Hyundai's strict requirements for quality and durability. As well as minimising downtime, this helps to ensure peak performance on every task.

A network you can rely on

Hyundai Construction Equipment Europe prioritises quick, reliable intervention to keep your equipment running reliably. With one of Europe's most advanced automated warehousing systems, we are able to maintain availability and efficient delivery of all our Genuine Parts. We guarantee a 24-hour delivery service across our European dealer network.

Hyundai warranties
Our warranties are also designed to give you the cover you need to build your business with confidence and peace of mind.

Standard warranties
We offer standard warranty coverages with every new Hyundai machine. Next to this standard coverage, optional and extended warranty periods are available, so you can benefit from full warranty cover for longer, and even over the full lifetime of the machine in your fleet. Please discuss with your local Hyundai dealer what is the optimal solution in your case.

Extended warranties
Our extended warranties help you maintain full control over your operating costs. If you combine an extended warranty programme with a tailored maintenance contract, you can completely avoid unexpected costs.

Tracks and tyres
Our tyres and tracks deliver exceptional traction and overall ride performance. The rubber products used comply with stringent quality control measures to ensure the highest reliability.

Walk-around

HX330AL

Productivity & Efficiency

- Short cycle times
- Electronic Pump Independent Control (EPIC)
- Customisable hydraulic attachment lines
- Attachment flow control (20 tools programmable)
- Fuel Rate Information
- ECO Gauge
- Automatic engine shutdown

Operator comfort

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

Serviceability & Connectivity

- Excellent accessibility
- Centralised greasing OPTION
- Hi MATE telematic system
- Extended service intervals

Durability & Safety

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

SPECIFICATIONS

ENGINE

Maker / Model	Cummins L9
Type	Turbocharged, Charge air cooled, Diesel engine
Gross Power (SAE J1995)	310 HP (231 kW) at 2,100 rpm
Net Power (SAE J1349)	304 HP (227 kW) at 2,100 rpm
Max. Power	325 HP (242 kW) at 1,800 rpm
Peak Torque	1,526 Nm (1126 lb ft) at 1,400 rpm
Displacement	8,900 cc (543 cu in)

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement piston pumps
Max. Flow	2 × 277.2 l/min (73.2 U.S. gpm / 60.1 U.K. gpm)
Sub-Pump For Pilot Circuit	Gear pump

Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS	
Travel	Two speed 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/cm² (4,270 psi)
Pilot Circuit	40 kgf/cm² (569 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS	
No. of Cylinder Bore X Stroke	Boom: Ø150 × 1,480 ST
	Arm: Ø160 × 1,685 ST
	Bucket: Ø140 × 1,285 ST

* Hyundai Bio Hydraulic Oil (HBHO) available.

DRIVING AND BRAKING

Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	27,404 kgf (60,415 lbf)
Max. Travel Speed (High / Low)	6.4 km/hr (3.98 mph) / 3.5 km/hr (2.17 mph)
Gradeability	35°(70%)
Parking Brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot Control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)
Traveling And Steering	Two levers with pedals
Engine Throttle	Electric, Dial type

SWING SYSTEM

Swing Motor	Fixed displacement axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	10.2 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	600	154.7	131.9
Engine coolant	55	14.5	12.1
Engine oil	30	7.9	6.6
Swing Device	11	2.91	2.42
Final Drive (Each)	7.8	2.06	1.72
Hydraulic system (including tank)	414	106.7	91.06
Hydraulic tank	210	54.1	46.2
DEF/AdBlue®	70	18.5	15.4

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)

Operating weight, including 6,450 mm (21' 2") boom, 3,200 mm (10' 6") arm, SAE heaped 1,44 m³ (1.88 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

Shoes		Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)		kgf/cm² (psi)
Triple grouser	600 (24")	HX330AL	33,750 (74,406)	0.65 (9.22)
		HX330A NL	33,470 (73,790)	0.64 (9.16)
	700 (28")	HX300AL	34,270 (75,550)	0.57 (8.04)
	800 (32")	HX300AL	34,650 (76,390)	0.50 (7.11)
	900 (36")	HX300AL	35,040 (77,250)	0.45 (6.39)
Double grouser	700 (28")	HX300A HW	37,800 (83,330)	0.62 (8.85)

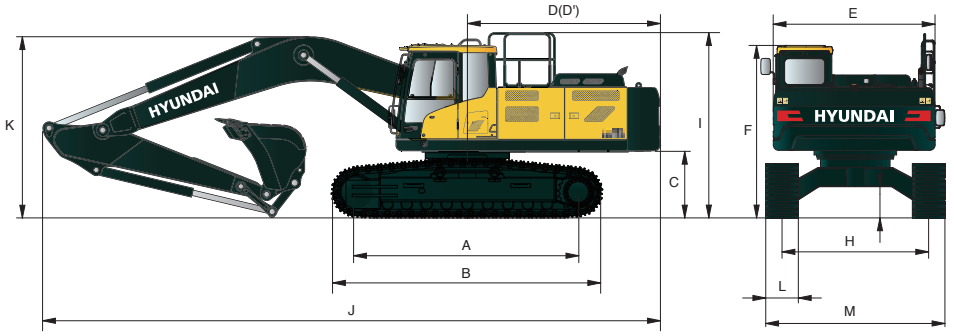
AIR CONDITIONING SYSTEM

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 0.75 kg refrigerant consisting of a CO2 equivalent of 1.07 metric tonnes. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

HX330AL / HX330ANL DIMENSIONS

6.45m (21′ 2″), 6.15m (20′ 2″) BOOM and 2.2m (7′ 3″), 2.5m (8′ 2″), 3.2m (10′ 6″), 4.05m (13′ 3″) ARM

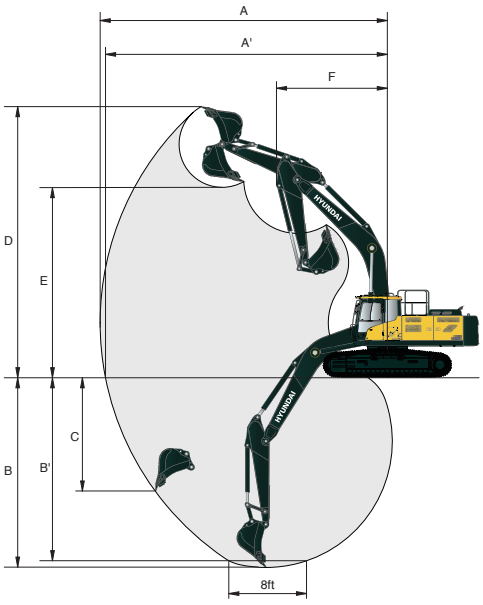


Unit : mm (ft·in)

A	Tumbler distance		4,030 (13' 3")
B	Overall length of crawler		4,940 (16' 2")
C	Ground clearance of counterweight		1,200 (3' 11")
D	Tail swing radius		3,570 (11' 7")
D'	Rear-end length		3,505 (11' 5")
E	Overall width of upperstructure		2,980 (9' 9")
F	Overall height of cabin		3,145 (10' 4")
G	Min. ground clearance		500 (1' 8")
H	Track gauge	HX330AL	2,680 (8' 10")
		HX330ANL	2,390 (7' 10")
I	Overall height of guardrail		3,350 (11' 0")

	Boom length		6,150 (20' 2")	6,450 (21' 2")		
	Arm length		2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
J	Overall length		11,160 (36' 7")	11,460 (37' 7")	11,340 (37' 2")	11,220 (36' 10")	11,200 (36' 9")
K	Overall height of boom		3,670 (12' 0")	3,630 (11' 11")	3,540 (11' 7")	3,360 (11' 0")	3,880 (12' 9")
L	Track shoe width			600 (24")	700 (28")	800 (32")	900 (36")
M	Overall width	HX330AL		3,280 (10' 9")	3,380 (11' 1")	3,480 (11' 5")	3,580 (11' 9")
		HX330ANL		2,990 (9' 10")	-	-	-

HX330AL / HX330ANL WORKING RANGE



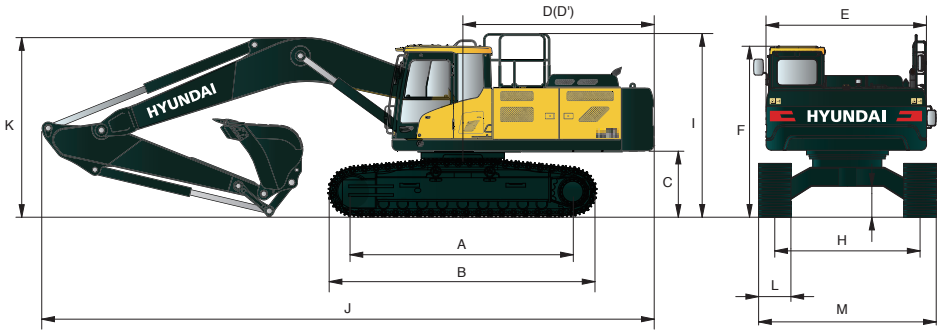
Unit : mm (ft·in)

Boom length		6,150 (20' 2")	6,450 (21' 2")			
Arm length		2.200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A	Max. digging reach	10,020 (32' 10")	10,330 (33' 11")	10,500 (34' 5")	11,150 (36' 7")	1,950 (39' 2")
A'	Max. digging reach on ground	9,810 (32' 2")	10,120 (33' 2")	10,290 (33' 9")	10,950 (35' 11")	11,770 (38' 7")
B	Max. digging depth	6,150 (20' 2")	6,360 (20' 10")	6,660 (21' 10")	7,360 (24' 2")	8,210 (26' 11")
B'	Max. digging depth (8' level)	5,950 (19' 6")	6,170 (20' 3")	6,450 (21' 2")	7,200 (23' 7")	8,080 (26' 6")
C	Max. vertical wall digging depth	5,700 (18' 8")	5,970 (19' 7")	5,660 (18' 7")	6,330 (20' 9")	7,240 (23' 9")
D	Max. digging height	9,980 (32' 9")	10,260 (33' 8")	10,050 (33' 0")	10,360 (34' 0")	10,780 (35' 4")
E	Max. dumping height	6,790 (22' 3")	7,060 (23' 2")	6,950 (22' 10")	7,260 (23' 10")	7,670 (25' 2")
F	Min. front swing radius	4,450 (14' 7")	4,630 (15' 2")	4,440 (14' 7")	4,360 (14' 4")	4,290 (14' 1")

DIMENSIONS & WORKING RANGE

HX330AL HIGH WALKER DIMENSIONS

6.45m (21′ 2″), 6.15m (20′ 2″) BOOM and 2.2m (7′ 3″), 2.5m (8′ 2″), 3.2m (10′ 6″), 4.05m (13′ 3″) ARM

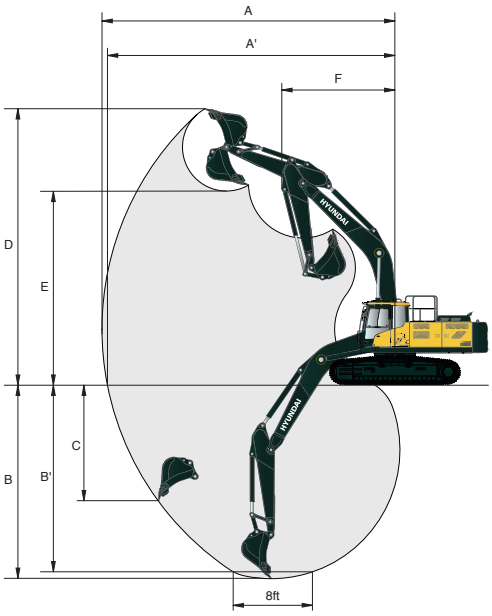


Unit : mm (ft·in)

A	**Tumbler distance**	4,030 (13' 3")
B	**Overall length of crawler**	4,940 (16' 2")
C	**Ground clearance of counterweight**	1,535 (5' 0")
D	**Tail swing radius**	3,570 (11' 7")
D'	**Rear-end length**	3,505 (11' 5")
E	**Overall width of upperstructure**	2,980 (9' 9")
F	**Overall height of cabin**	3,480 (11' 5")
G	**Min. ground clearance**	800 (2' 7")
H	**Track gauge**	2,870 (9' 5")
I	**Overall height of guardrail**	3,650 (12' 0")

	Boom length	6,150 (20' 2")	6,450 (21' 2")			
	Arm length	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
J	**Overall length**	11,150 (36' 7")	11,460 (37' 7")	11,320 (37' 2")	11,160 (36' 7")	11,240 (36' 11")
K	**Overall height of boom**	3,790 (12' 5")	3,720 (12' 2")	3,610 (11' 10")	3,410 (11' 2")	3,800 (12' 6")
L	**Track shoe width**	**Type**	Double grouser			
		width	700 (28")			
M	**Overall width**		3,570 (11' 9")			

HX330AL HIGH WALKER WORKING RANGE

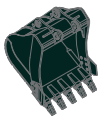
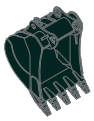
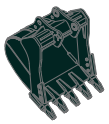


Unit : mm (ft·in)

Boom length		6,150 (20' 2")	6,450 (21' 2")			
Arm length		2.200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A	**Max. digging reach**	10,020 (32' 10")	10,330 (33' 11")	10,500 (34' 5")	11,150 (36' 7")	11,950 (39' 2")
A'	**Max. digging reach on ground**	9,810 (32' 2")	10,120 (33' 2")	10,290 (33' 9")	10,950 (35' 11")	11,770 (38' 7")
B	**Max. digging depth**	5,850 (19' 2")	6,060 (19' 11")	6,360 (20' 10")	7,060 (23' 2")	7,910 (25' 11")
B'	**Max. digging depth (8' level)**	5,650 (18' 6")	5,860 (19' 3")	6,140 (20' 2")	6,890 (22' 7")	7,780 (25' 6")
C	**Max. vertical wall digging depth**	5,400 (17' 9")	5,670 (18' 7")	5,360 (17' 7")	6,030 (19' 9")	6,940 (22' 9")
D	**Max. digging height**	10,280 (33' 9")	10,560 (34' 8")	10,350 (33' 11")	10,670 (35' 0")	11,080 (36' 4")
E	**Max. dumping height**	7,090 (23' 3")	7,370 (24' 2")	7,250 (23' 9")	7,570 (24' 10")	7,970 (26' 2")
F	**Min. front swing radius**	4,450 (14' 7")	4,630 (15' 2")	4,440 (14' 7")	4,360 (14' 4")	4,290 (14' 1")

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

SAE heaped m³ (yd³)	1.44 (1.88)	◈ 1.44 (1.88)	▣ 1.44 (1.88)
	1.74 (2.28)		▣ 1.60 (2.09)
	2.10 (2.75)		▣ 1.73 (2.26)
			▣ 1.83 (2.39)

Capacity m³ (yd³)			Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)						
						6,150 (20' 2") Boom			6,450 (21' 2") Boom			
SAE heaped		CECE heaped	Without side cutters	With side cutters		2,200 (7' 3") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	2,200 (7' 3") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	4,050 (13' 3") Arm
	1.44 (1.88)	1.25 (1.63)	1,380 (54")	1,500 (59")	1,110 (2,450)	●	●	●	●	●	●	○
	1.74 (2.28)	1.50 (1.96)	1,620 (64")	1,740 (69")	1,230 (2,710)	●	●	○	●	●	○	■
	2.10 (2.75)	1.83 (2.39)	1,910 (75")	2,030 (80")	1,370 (3,020)	○	○	■	○	■	■	▲
◈	1.44 (1.88)	1.25 (1.63)	1,470 (58")	-	1,380 (3,040)	●	●	●	●	●	●	○
▣	1.44 (1.88)	1.25 (1.63)	1,470 (58")	-	1,470 (3,240)	●	●	●	●	●	●	-
▣	1.60 (2.09)	1.39 (1.82)	1,585 (62")	-	1,650 (3,640)	●	●	○	●	●	○	-
▣	1.73 (2.26)	1.50 (1.96)	1,710 (67")	-	1,650 (3,640)	●	●	○	○	○	■	-
▣	1.83 (2.39)	1.59 (2.08)	1,765 (69")	-	1,845 (4,070)	○	○	■	○	○	■	-

◈ Heavy duty bucket
▣ Rock-Heavy duty 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.
6.45m, 6.15m Booms and 2.2m, 2.5m, 3.2m, 4.05m Arms are available.

DIGGING FORCE

Boom	Length	mm (ft.in)	6,150 (20' 2")	6,450 (21' 2")				Remarks:
	Weight	kg (lb)	2,950 (6,500)	3,030 (6,680)				
Arm	Length	mm (ft.in)	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	
	Weight	kg (lb)	1,560 (3,440)	1,560 (3,440)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)	
Bucket digging force	SAE	kN	186.3 [203.3]	186.3 [203.3]	187.3 [204.4]	188.3 [205.5]	189.3 [206.4]	[ ]: Power Boost
		kgf	19,000 [20,730]	19,000 [20,730]	19,100 [20,840]	19,200 [20,950]	19,300 [21,050]	
		lbf	41,890 [45,700]	41,890 [45,700]	42,110 [45,940]	42,330 [46,190]	42,550 [46,410]	
	ISO	kN	214.8 [234.3]	214.8 [234.3]	215.7 [235.4]	216.7 [236.4]	217.7 [237.5]	
		kgf	21,900 [23,890]	21,900 [23,890]	22,000 [24,000]	22,100 [24,110]	22,200 [24,220]	
		lbf	48,280 [52,670]	48,280 [52,670]	48,500 [52,910]	48,720 [53,150]	48,940 [53,400]	
Arm crowd force	SAE	kN	195.2 [212.9]	195.2 [212.9]	175.5 [191.5]	140.2 [153.0]	118.7 [129.4]	
		kgf	19,900 [21,710]	19,900 [21,710]	17,900 [19,530]	14,300 [15,600]	12,100 [13,200]	
		lbf	43,870 [47,860]	43,870 [47,860]	39,460 [43,060]	31,530 [34,390]	26,680 [29,100]	
	ISO	kN	205.0 [223.6]	205.0 [223.6]	184.4 [201.1]	145.1 [158.4]	123.6 [134.8]	
		kgf	20,900 [22,800]	20,900 [22,800]	18,800 [20,510]	14,800 [16,150]	12,600 [13,750]	
		lbf	46,080 [50,270]	46,080 [50,270]	41,450 [45,220]	32,630 [35,600]	27,780 [30,310]	

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

HX330AL

6.45 m (21′ 2″) boom, 3.2 m (10′ 6″) arm equipped with 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)
7.5 m	kg							*6,830	*6,830			*5,610	*5,610	7.74
(24.6 ft)	lb							*15,060	*15,060			*12,370	*12,370	(25.4)
6.0 m	kg							*7,900	7,220			*5,430	*5,430	8.62
(19.7 ft)	lb							*17,420”	15,920			*11,970	*11,970	(28.3)
4.5 m	kg			*12,020	*12,020	*9,700	*9,700	*8,550	7,020	*6,670	5,230	*5,450	5,070	9.17
(14.8 ft)	lb			*26,500	*26,500	*21,380	*21,380	*18,850	15,480	*14,700	11,530	*12,020	11,180	(30.1)
3.0 m	kg			*15,600	14,270	*11,400	9,360	*9,430	6,750	7,640	5,120	*5,650	4,740	9.44
(9.8 ft)	lb			*34,390	31,460	*25,130	20,640	*20,790	14,880	16,840	11,290	*12,460	10,450	(31.0)
1.5 m	kg			*17,450	13,410	*12,910	8,910	9,860	6,500	7,500	4,990	*6,050	4,630	9.47
(4.9 ft)	lb			*38,470	29,560	*28,460	19,640	21,740	14,330	16,530	11,000	*13,340	10,210	(31.1)
Ground	kg			*17,260	13,060	13,540	8,620	9,660	6,320	7,410	4,900	*6,720	4,720	9.25
Line	lb			*38,050	28,790	29,850	19,000	21,300”	13,930	16,340	10,800	*14,820	10,410	(30.4)
-1.5 m	kg	*10,800	*10,800	*18,990	13,000	13,410	8,500	9,570	6,240			7,670	5,070	8.77
(-4.9 ft)	lb	*23,810	*23,810	*41,870	28,660	29,560	18,740	21,100	13,760			16,910	11,180	(28.8)
-3.0 m	kg	*17,470	*17,470	*17,780	13,120	*13,420	8,540	9,630	6,290			8,840	5,820	7.98
(-9.8 ft)	lb	*38,510	*38,510	*39,200	28,920	*29,590	18,830	21,230	13,870			19,490	12,830	(26.2)
-4.5 m	kg	*20,720	*20,720	*15,280	13,430	*11,480	8,760					*9,660	7,470	6.76
(-14.8 ft)	lb	*45,680	*45,680	*33,690	29,610	*25,310	19,310”					*21,300	16,470	(22.2)
-6.0 m	kg													
(-19.7 ft)	lb													

6.45 m (21′ 2″) boom, 4.05 m (13′ 3″) arm equipped with 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									*4,720	*4,720			*4,530	*4,530	7,55
(29.5 ft)	lb									*10,410	*10,410			*9,990	*9,990	(24,8)
7.5 m	kg													*4,200	*4,200	8,72
(24.6 ft)	lb													*9,260	*9,260	(28,6)
6.0 m	kg									*6,840	*6,840	*5,820	5,240	*4,070	*4,070	9,50
(19.7 ft)	lb									*15,080	*15,080	*12,830	11,550	*8,970	*8,970	(31,2)
4.5 m	kg									*7,580	6,940	*7,160	5,140	*4,080	*4,080	10,00
(14.8 ft)	lb									*16,710	15,300	*15,790	11,330	*8,990	*8,990	(32,8)
3.0 m	kg					*13,380	*13,380	*10,160	9,310	*8,570	6,630	7,440	4,980	*4,210	4,000	10,25
(9.8 ft)	lb					*29,500	*29,500	*22,400	20,530	*18,890	14,620	16,400	10,980	*9,280	8,820	(33,6)
1.5 m	kg					*16,630	13,330	*11,910	8,760	*9,580	6,330	7,260	4,810	*4,460	3,900	10,28
(4.9 ft)	lb					*36,660	29,390	*26,260	19,310	*21,120	13,960	16,010	10,600	*9,830	8,600	(33,7)
Ground	kg			*6,360	*6,360	*18,490	12,700	13,170	8,360	9,340	6,090	7,120	4,680	*4,880	3,960	10,08
Line	lb			*14,020	*14,020	*40,760	28,000	29,030	18,430	20,590	13,430	15,700	10,320	*10,760	8,730	(33,1)
-1.5 m	kg	*6,460	*6,460	*9,880	*9,880	*19,020	12,460	12,920	8,140	9,180	5,940	7,040	4,600	*5,570	4,190	9,64
(-4.9 ft)	lb	*14,240	*14,240	*21,780	*21,780	*41,930	27,470	28,480	17,950	20,240	13,100	15,520	10,140	*12,280	9,240	(31,6)
-3.0 m	kg	*10,380	*10,380	*14,460	*14,460	*18,480	12,470	12,870	8,100	9,150	5,910			*6,730	4,690	8,92
(-9.8 ft)	lb	*22,880	*22,880	*31,880	*31,880	*40,740	27,490	28,370	17,860	20,170	13,030			*14,840	10,340	(29,3)
-4.5 m	kg	*15,030	*15,030	*20,820	*20,820	*16,810	12,670	*12,610	8,210	9,280	6,030			8,700	5,690	7,86
(-14.8 ft)	lb	*33,140	*33,140	*45,900	*45,900	*37,060	27,930	*27,800	18,100	20,460	13,290			19,180	12,540	(25,8)
-6.0 m	kg			*18,520	*18,520	*13,360	13,110	*9,600	8,570					*8,930	8,100	6,26
(-19.7 ft)	lb			*40,830	*40,830	*29,450	28,900	*21,160	18,890					*19,690	17,860	(20,5)

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

HX330AL

6.45 m (21′ 2″) boom, 2.5 m (8′ 2″) arm equipped with 600 mm (24″) triple grouser shoe.

Lift-point height m (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)		At max. Reach Capacity		At max. Reach Reach
												m (ft)
7.5 m	kg									*8,850	7,950	6.93
(24.6 ft)	lb									*19,510	17,530	(22.7)
6.0 m	kg					*9,350	*9,350	*8,770	6,930	*8,770	6,340	7.90
(19.7 ft)	lb					*20,610	*20,610	*19,330	15,280	*19,330	13,980	(25.9)
4.5 m	kg			*13,780	*13,780	*10,670	9,470	*9,260	6,750	8,220	5,540	8.49
(14.8 ft)	lb			*30,380	*30,380	*23,520	20,880	*20,410	14,880	18,120	12,210	(27.9)
3.0 m	kg					*12,240	8,970	9,790	6,520	7,670	5,140	8.79
(9.8 ft)	lb					*26,980	19,780	21,580	14,370	16,910	11,330	(28.8)
1.5 m	kg					13,390	8,580	9,560	6,300	7,530	5,010	8.82
(4.9 ft)	lb					29,520	18,920	21,080	13,890	16,600	11,050	(28.9)
Ground Line	kg			*15,210	12,720	13,150	8,380	9,410	6,170	7,760	5,150	8.58
	lb			*33,530	28,040	28,990	18,470	20,750	13,600	17,110	11,350	(28.2)
-1.5 m	kg			*18,440	12,780	13,110	8,340	9,390	6,150	8,490	5,610	8.06
(-4.9 ft)	lb			*40,650	28,180	28,900	18,390	20,700	13,560	18,720	12,370	(26.4)
-3.0 m	kg	*21,480	*21,480	*16,720	12,980	*12,820	8,450			10,130	6,650	7.19
(-9.8 ft)	lb	*47,360	*47,360	*36,860	28,620	*28,260	18,630			22,330	14,660	(23.6)
-4.5 m	kg			*13,360	*13,360					*10,080	9,250	5.80
(-14.8 ft)	lb			*29,450	*29,450					*22,220	20,390	(19.0)

6.45 m (21′ 2″) boom, 2.2 m (7′ 3″) arm equipped with 600 mm (24″) triple grouser shoe.

Lift-point height m (ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		At max. Reach Capacity		At max. Reach Reach
												m (ft)
7.5 m	kg					*9,310	*9,310			*9,450	8,310	6,71
(24.6 ft)	lb					*20,530	*20,530			*20,830	18,320	(22,0)
6.0 m	kg					*9,810	*9,810	*9,220	6,890	*9,260	6,570	7,71
(19.7 ft)	lb					*21,630	*21,630	*20,330	15,190	*20,410	14,480	(25,3)
4.5 m	kg					*11,100	9,430	*9,600	6,750	8,490	5,720	8,32
(14.8 ft)	lb					*24,470	20,790	*21,160	14,880	18,720	12,610	(27,3)
3.0 m	kg					*12,630	8,960	9,800	6,530	7,920	5,320	8,62
(9.8 ft)	lb					*27,840	19,750	21,610	14,400	17,460	11,730	(28,3)
1.5 m	kg					13,410	8,610	9,590	6,340	7,790	5,200	8,65
(4.9 ft)	lb					29,560	18,980	21,140	13,980	17,,170	11,460	(28,4)
Ground Line	kg					13,220	8,440	9,470	6,230	8,060	5,360	8,41
	lb					29,150	18,610	20,880	13,730	17,770	11,820	(27,6)
-1.5 m	kg			*18,160	12,940	13,210	8,430	9,480	6,240	8,870	5,880	7,88
(-4.9 ft)	lb			*40,040	28,530	29,120	18,580	20,900	13,760	19,550	12,960	(25,8)
-3.0 m	kg	*20,450	*20,450	*16,230	13,150	*12,520	8,580			*10,140	7,040	6,98
(-9.8 ft)	lb	*45,080	*45,080	*35,780	28,990	*27,600	18,920			*22,350	15,520	(22,9)
-4.5 m	kg			*12,390	*12,390					*9,560	*9,560	5,54
(-14.8 ft)	lb			*27,320	*27,320					*21,080	*21,080	(18,2)

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

HX330AL

6.15 m (20′ 2″) boom, 2.2 m (7′ 3″) arm equipped with 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					*9,780	*9,780			*9,930	9,210	6.31
(24.6 ft)	lb					*21,560	*21,560			*21,890	20,300	(20.7)
6.0 m	kg					*9,980	9,930			*9,710	7,120	7.36
(19.7 ft)	lb					*22,000	21,890			*21,410	15,700	(24.2)
4.5 m	kg					*11,160	9,570	*9,860	6,820	9,100	6,150	8.00
(14.8 ft)	lb					*24,600	21,100	*21,740	15,040	20,060	13,560	(26.2)
3.0 m	kg					*12,670	9,130	9,900	6,630	8,450	5,680	8.31
(9.8 ft)	lb					*27,930	20,130	21,830	14,620	18,630	12,520	(27.3)
1.5 m	kg					13,600	8,790	9,710	6,450	8,300	5,560	8.34
(4.9 ft)	lb					29,980	19,380	21,410	14,220	18,300	12,260	(27.4)
Ground Line	kg					13,400	8,610	9,600	6,350	8,610	5,750	8.10
	lb					29,540	18,980	21,160	14,000	18,980	12,680	(26.6)
-1.5 m	kg			*18,560	13,130	13,380	8,590	9,630	6,390	9,570	6,350	7.54
(-4.9 ft)	lb			*40,920	28,950	29,500	18,940	21,230	14,090	21,100	14,000	(24.7)
-3.0 m	kg	*21,300	*21,300	*16,420	13,350	*12,400	8,760			*10,710	7,750	6.60
(-9.8 ft)	lb	*46,960	*46,960	*36,200	29,430	*27,340	19,310			*23,610	17,090	(21.6)
-4.5 m	kg											
(-14.8 ft)	lb											

HX330AL NL

6.45 m (21′ 2″) boom, 4.05 m (13′ 3″) arm equipped with 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									*4,740	*4,740			*4,530	*4,530	7,56
(29.5 ft)	lb									*10,450	*10,450			*9,990	*9,990	(24,8)
7.5 m	kg													*4,190	*4,190	8,72
(24.6 ft)	lb													*9,240	*9,240	(28,6)
6.0 m	kg									*6,840	6,210	*5,830	4,510	*4,070	4,050	9,51
(19.7 ft)	lb									*15,080	13,690	*12,850	9,940	*8,970	8,930	(31,2)
4.5 m	kg									*7,590	5,970	*7,160	4,410	*4,080	3,630	10,00
(14.8 ft)	lb									*16,730	13,160	*15,790	9,720	*8,990	8,000	(32,8)
3.0 m	kg					*13,400	12,150	*10,170	7,950	*8,570	5,680	7,400	4,250	*4,210	3,390	10,25
(9.8 ft)	lb					*29,540	26,790	*22,420	17,530	*18,890	12,520	16,310	9,370	*9,280	7,470	(33,6)
1.5 m	kg					*16,640	11,110	*11,920	7,420	9,550	5,390	7,220	4,090	*4,460	3,300	10,28
(4.9 ft)	lb					*36,680	24,490	*26,280	16,360	21,050	11,880	15,920	9,020	*9,830	7,280	(33,7)
Ground Line	kg			*6,370	*6,370	*18,500	10,520	13,080	7,040	9,280	5,150	7,070	3,960	*4,890	3,340	10,08
	lb			*14,040	*14,040	*40,790	23,190	28,840	15,520	20,460	11,350	15,590	8,730	*10,780	7,360	(33,1)
-1.5 m	kg	*6,480	*6,480	*9,910	*9,910	*19,020	10,300	12,840	6,830	9,120	5,010	6,990	3,880	*5,570	3,540	9,64
(-4.9 ft)	lb	*14,290	*14,290	*21,850	*21,850	*41,930	22,710	28,310	15,060	20,110	11,050	15,410	8,550	*12,280	7,800	(31,6)
-3.0 m	kg	*10,400	*10,400	*14,490	*14,490	*18,480	10,310	12,790	6,790	9,090	4,980			*6,740	3,960	8,92
(-9.8 ft)	lb	*22,930	*22,930	*31,940	*31,940	*40,740	22,730	28,200	14,970	20,040	10,980			*14,860	8,730	(29,3)
-4.5 m	kg	*15,060	*15,060	*20,860	20,540	*16,800	10,500	*12,600	6,900	9,230	5,100			8,660	4,820	7,85
(-14.8 ft)	lb	*33,200	*33,200	*45,990	45,280	*37,040	23,150	*27,780	15,210	20,350	11,240			19,090	10,630	(25,8)
-6.0 m	kg			*18,490	*18,490	*13,330	10,920	*9,580	7,240					*8,930	6,880	6,24
(-19.7 ft)	lb			*40,760	*40,760	*29,390	24,070	*21,120	15,960					*19,690	15,170	(20,5)

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

HX330AL NL

6.45 m (21′ 2″) boom, 3.2 m (10′ 6″) arm equipped with 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)
7.5 m	kg							*6,850	6,150			*5,610	*5,610	7,75
(24.6 ft)	lb							*15,100	13,560			*12,370	*12,370	(25,4)
6.0 m	kg							*7,900	6,090			*5,430	4,770	8,62
(19.7 ft)	lb							*17,420	13,430			*11,970	10,520	(28,3)
4.5 m	kg			*12,040	*12,040	*9,710	8,290	*8,550	5,890	*6,680	4,360	*5,450	4,220	9,17
(14.8 ft)	lb			*26,540	*26,540	*21,410	18,280	*18,850	12,990	*14,730	9,610	*12,020	9,300	(30,1)
3.0 m	kg			*15,620	11,680	*11,400	7,790	*9,440	5,630	7,380	4,250	*5,660	3,930	9,44
(9.8 ft)	lb			*34,440	25,750	*25,130	17,170	*20,810	12,410	16,270	9,370	*12,480	8,660	(31,0)
1.5 m	kg			*17,420	10,880	*12,920	7,350	9,530	5,390	7,250	4,130	*6,060	3,820	9,47
(4.9 ft)	lb			*38,400	23,990	*28,480	16,200	21,010	11,880	15,980	9,110	*13,360	8,420	(31,1)
Ground	kg			*17,270	10,550	13,090	7,070	9,330	5,220	7,150	4,050	*6,730	3,900	9,25
Line	lb			*38,070	23,260	28,860	15,590	20,570	11,510	15,760	8,930	*14,840	8,600	(30,3)
-1.5 m	kg	*10,830	*10,830	*18,990	10,490	12,960	6,960	9,250	5,140			7,410	4,180	8,77
(-4.9 ft)	lb	*23,880	*23,880	*41,870	23,130	28,570	15,340	20,390	11,330			16,340	9,220	(28,8)
-3.0 m	kg	*17,510	*17,510	*17,780	10,610	13,010	7,000	9,300	5,190			8,550	4,810	7,97
(-9.8 ft)	lb	*38,600	*38,600	*39,200	23,390	28,680	15,430	20,500	11,440			18,850	10,600	(26,2)
-4.5 m	kg	*20,690	*20,690	*15,260	10,900	*11,460	7,210					*9,660	6,190	6,75
(-14.8 ft)	lb	*45,610	*45,610	*33,640	24,030	*25,260	15,900					*21,300	13,650	(22,1)

HX330ANL

6.45 m (21′ 2″) boom, 2.5 m (8′ 2″) arm equipped with 600 mm (24″) triple grouser shoe.

Lift-point height m (ft)										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									*8,850	6,860	6,93
(24.6 ft)	lb									*19,510	15,120	(22,7)
6.0 m	kg					*9,350	8,530	*8,770	5,970	*8,770	5,460	7,90
(19.7 ft)	lb					*20,610	18,810	*19,330	13,160	*19,330	12,040	(25,9)
4.5 m	kg			*13,800	12,350	*10,670	8,110	*9,270	5,800	8.170	4,750	8,49
(14.8 ft)	lb			*30,420	27,230	*23,520	17,880	*20,440	12,790	18,010	10,470	(27,9)
3.0 m	kg					*12,250	7,640	9,730	5,570	7,620	4,390	8,79
(9.8 ft)	lb					*27,010	16,840	21,450	12,280	16,800	9,680	(28,8)
1.5 m	kg					13,310	7,260	9,500	5,370	7,480	4,280	8,82
(4.9 ft)	lb					29,340	16,010	20,940	11,840	16,490	9,440	(28,9)
Ground	kg			*15,250	10,560	13,070	7,070	9,350	5,240	7,720	4,380	8,58
Line	lb			*33,620	23,280	28,810	15,590	20,610	11,550	17,020	9,660	(28,2)
-1.5 m	kg			*18,440	10,610	13,030	7,030	9,330	5,220	8,450	4,770	8,06
(-4.9 ft)	lb			*40,650	23,390	28,730	15,500	20,570	11,510	1,8630	10,520	(26,4)
-3.0 m	kg	*21,550	21,230	*16,710	10,800	*12,810	7,140			10,090	5,660	7,18
(-9.8 ft)	lb	*47,510	46,800	*36,840	23,810	*28,240	15,740			22,240	12,480	(23,6)
-4.5 m	kg			*13,340	11,190					*10,070	7,860	5,79
(-14.8 ft)	lb			*29,410	24,670					*22,200	17,330	(19,0)

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

HX330ANL

6.45 m (21′ 2″) boom, 2.2 m (7′ 3″) arm equipped with 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					*9,310	8,690			*9,450	7,160	6,72
(24.6 ft)	lb					*20,530	19,160			*20,830	15,790	(22,0)
6.0 m	kg					*9,820	8,490	*9,220	5,940	*9,260	5,660	7,71
(19.7 ft)	lb					*21,650	18,720	*20,330	13,100	*20,410	12,480	(25,3)
4.5 m	kg					*11,110	8,080	*9,610	5,800	8,440	4,910	8,32
(14.8 ft)	lb					*24,490	17,810	*21,190	12,790	18,610	10,820	(27,3)
3.0 m	kg					*12,640	7,630	9,740	5,590	7,870	4,550	8,62
(9.8 ft)	lb					*27,870	16,820	21,470	12,320	17,350	10,030	(28,3)
1.5 m	kg					13,330	7,290	9,530	5,410	7,740	4,440	8,65
(4.9 ft)	lb					29,390	16,070	21,010	11,930	17,060	9,790	(28,4)
Ground Line	kg					13,140	7,130	9,410	5,300	8,010	4,570	8,41
	lb					28,970	15,720	20,750	11,680	17,660	10,080	(27,6)
-1.5 m	kg			*18,160	10,770	13,130	7,130	9,420	5,310	8,820	5,010	7,87
(-4.9 ft)	lb			*40,040	23,740	28,950	15,720	20,770	11,710	19,440	11,050	(25,8)
-3.0 m	kg	*20,430	*20,430	*16,220	10,970	*12,510	7,270			*10,140	6,010	6,97
(-9.8 ft)	lb	*45,040	*45,040	*35,760	24,180	*27,580	16,030			*22,350	13,250	(22,9)
-4.5 m	kg			*12,360	11,400					*9,550	8,580	5,53
(-14.8 ft)	lb			*27,250	25,130					*21,050	18,920	(18,1)

HX330AL HIGH WALKER

6.45 m (21′ 2″) boom, 2.2 m (7′ 3″) arm equipped with 600 mm (24″) double grouser shoe.

Lift-point height m (ft)										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									*9,980	*9,980	5,47
(29.5 ft)	lb									*22,000	*22,000	(18,0)
7.5 m	kg					*9,310	*9,310			*9,390	9.150	6,94
(24.6 ft)	lb					*20,530	*20,530			*20,700	20,170	(22,8)
6.0 m	kg					*10,010	*10,010	*9,240	8,040	*9,250	7,440	7,85
(19.7 ft)	lb					*22,070	*22,070	*20,370	17,730	*20,390	16,400	(25,8)
4.5 m	kg					*11,400	10,930	*9,730	7,860	9,160	6,610	8,40
(14.8 ft)	lb					*25,130	24,100	*21,450	17,330	20,190	14,570	(27,6)
3.0 m	kg					*12,900	10,470	*10,440	7,640	8,650	6,220	8,65
(9.8 ft)	lb					*28,440	23,080	*23,020	16,840	19,070	13,710	(28,4)
1.5 m	kg					*13,940	10,150	10,510	7,460	8,590	6,160	8,63
(4.9 ft)	lb					*30,730	22,380	23,170	16,450	18,940	13,580	(28,3)
Ground Line	kg					*14,250	10,010	10,410	7,370	8,990	6,420	8,33
	lb					*31,420	22,070	22,950	16,250	19,820	14,150	(27,3)
-1.5 m	kg			*17,880	15,490	*13,740	10,030	10,450	7,410	10,020	7,130	7,74
(-4.9 ft)	lb			*39,420	34,150	*30,290	22,110	23,040	16,340	22,090	15,720	(25,4)
-3.0 m	kg	*19,800	*19,800	*15,700	*15,700	*12,050	10,220			*10,110	8,740	6,75
(-9.8 ft)	lb	*43,650	*43,650	*34,610	*34,610	*26,570	22,530			*22,290	19,270	(22,2)

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.

ENGINE	STD
Cummins L9 Engine	●

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	●
Smart key with start/stop button	
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	
6.15 m; 20' 2"	
6.45 m; 21' 2"	●
ARMS	
2.2 m; 7' 3"	
2.5 m; 8' 2"	
3.2 m; 10' 6"	●
4.05 m; 13' 3"	
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 × 160 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	

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.

* The photos may include attachments and optional equipment that are not available in your area.

* Materials and specifications are subject to change without advance notice.

* All imperial measurements rounded off to the nearest pound or inch.

Hyundai Construction Equipment Europe nv,
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HYUNDAI
CONSTRUCTION EQUIPMENT