HX235ALCR

TRACKED EXCAVATOR



Gross Power 129 kW (173 hp) at 2200 rpm Bucket Capacity 0.70 ~ 1.05 m³ Operating Weight 17170 kg & 18820 kg



READY TO CHANGE YOUR WORLD

The HX235A LCR Crawler Excavator is part of HD Hyundai's new A-series:

a fresh generation of construction equipment that complies with the European stage V emission levels. But it goes much further than that! While fulfilling regulatory demands, HD Hyundai aimed for a ground-breaking level of customer satisfaction with maximum performance and productivity, better safety, more convenience and improved uptime management.

With a compact swing radius that lets you work safely and efficiently in tight spaces, this machine opens up a world of new possibilities where tiny efforts move mountains. It's time to experience the HD Hyundai Effect!



Productivity & Efficiency

COMPACT AND POWERFUL TO BOOST YOUR PROFITS

The HX235A LCR features the new A-series upper frame design, which significantly increases lifting capacity. This is combined with reduced tail swing and a new lifting mode, to make this powerful machine an excellent all-rounder for digging and moving heavy loads.



Compact Radius

The HX235A LCR (Compact Radius) features a short rear tail with a curved counterweight that rolls along the tracks with minimal overhang. This minimises outswing of the machine's rear end, giving operators peace of mind when working in space-restricted areas. Durability is also improved as the risk of the machine colliding with nearby walls or obstacles is greatly reduced.

Stable and powerful

Despite its compact design, the HX235A LCR is remarkably stable when lifting and transporting heavy objects or materials. The centred boom concept delivers superb lift capacity while the sturdy undercarriage provides stability and extra confidence when working on uneven surfaces.



Automatic engine shutdown

The engine shuts down automatically when the machine is at rest to cut fuel consumption and emissions. Different operating modes and idling times can be selected according to the work environment, further enhancing efficiency.



EPFC (Electronic Pump Flow Control)

EPFC improves fine control while also reducing fuel consumption. The system allows operators to tailor their machine for the job at hand, ensuring the optimal balance of power and precision.



Lifting mode

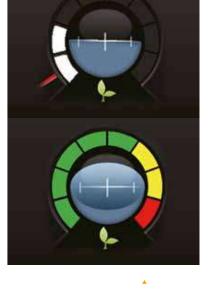
This work mode improves precision and lift capability through RPM reduction, power boost activation and enhanced pump flow control.



The HX235A LCR is equipped with an eco-friendly Cummins B6.7 engine that satisfies the strictest emissions requirements. It also delivers impressive power and performance with 881 Nm of peak torque (31% more than its predecessor) setting a new industry benchmark. Like all A-Series machines, this excavator features our all-in-one exhaust aftertreatment system. Removing the need for EGR has also enabled us to improve productivity through better fuel economy and longer service intervals.





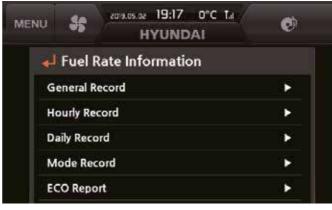


Eco Gauge

This feature helps operators to reduce emissions and running costs by displaying the engine workload and fuel-saving status.

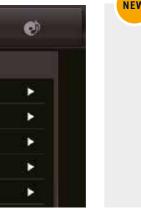
Fuel rate information

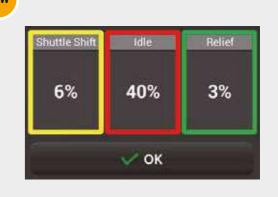
Average and latest fuel consumption data is displayed to guide operators towards more economical operation.



Eco Report

The Eco Report feature makes it easy for operators 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 HX235A LCR, from design and manufacturing to quality control. We improved engine reliability by removing the EGR and integrating exhaust after treatment 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.



Bucket and attachments

As well as rigorously testing and reinforcing all attachments for durability, we have improved the wear resistance of the bucket by using a new material.



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.



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.









Hydraulic hoses

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



HD HYUNDAI HX235A LCR CRAWLER EXCAVATOR

HX235A LCR CRAWLER EXCAVATOR

Operator Comfort

A CABIN DESIGNED AROUND YOU

The cabin is designed to provide every operator with a comfortable working environment that boosts productivity and reduces fatigue. It includes a high-quality seat and a well thought-out layout that places the most important controls within easy reach. A range of options help you to tailor the cabin to your needs, including a new audio system with radio, USB, AUX input and Bluetooth to keep you connected and entertained. The overall design places you right at the centre of the HD Hyundai Effect, with a world of convenience at your fingertips.



Key On Init Work Mode

This feature allows operators to save the attachment mode setting so that the machine is automatically in the right work mode when re-starting.



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.



Combination speed setting system

This system allows operators to balance load sensitivity and boom priority against arm and swing. Select from five levels of load sensitivity to adjust initial flow rate for boom-up and arm-in operation according to attachment weight. Ten levels of boom priority can be selected to balance boom operation against arm and swing.



Wide touchscreen monitor

The HX235A LCR features an 8-inch display with a touchscreen and excellent legibility. All the indicators displaying machine status are centralised in one cluster to enable easy, efficient control.



Improved visibility and access

The open design of the cabin door gives the operator a clear, unimpeded view to the exterior. The door handle has also been redesigned for safer, more convenient access. The right-hand side of the machine also features a new design that gives the operator a better view of the bottom right side of the excavator.



Front side air vent

An air vent at the front of the cabin keep you cool as you work.

Proportional auxiliary hydraulic control

The optional proportional control system can be operated using sliders on the gearstick, offering the operator more efficient and convenient control over the speed of work tools, especially in jobs requiring high precision or full-speed operation. Alternatively, control of the system can be switched over to a foot pedal via the settings menu.

Fine swing control

Fine cushion swing control enables smooth movement at the beginning and end of swing operations. Fine free swing control reduces shaking of the weight during lifting.



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.



New audio system

The new audio system has a radio, USB-based MP3 player, integrated Bluetooth hands-free technology and a built-in microphone for convenient call handling. The radio has been repositioned to the right for easier reach to the controls.



I feel relaxed, alert and in full control."

"The ideal workplace

Safety

PROTECTION FOR YOUR CO-WORKERS AND EQUIPMENT

Small details can make a huge difference when it comes to safety and security. The HX235A LCR offers all-round protection for you, your workmates and your machinery. The cabin allows optimal visibility, while optional Advanced Around View Monitoring (AAVM) gives you a clear overview of your surroundings. By helping to ensure an accident-free worksite, this crawler excavator contributes to the peace of mind and productivity that form part of the HD Hyundai Effect.





"The compact swing radius adds an extra layer of protection for the excavator and for workers and objects on site."



Seat belt warning alarm

Operators are reminded to fasten their safety belt by an audible and visible alarm.

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.

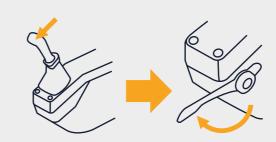
Electronic swing parking system

The swing brake is controlled by an electronic valve and control system to improve safety and efficiency.



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.









NEW

Serviceability & Connectivity

ADVANCED DIAGNOSTICS AND SERVICING SUPPORT

The peace of mind that comes with quick, low-effort servicing is also part of the HD Hyundai Effect. The HX235A LCR is designed to make maintenance as convenient as possible. All components and materials have been optimised to ensure a long, trouble-free life. HD 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. "The new technologies make it easy to keep track of servicing tasks and get extra support if I need it."

HCE Diagnostic Tools (HCE-DT) app

Technicians can 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.



200%

Mobile Fleet app

HD Hyundai's new Mobile Fleet app

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.

provides all the information you

Extended fuel filter lifetime

The fuel filter service interval has been increased from 500 hours to 1,000 hours. DPF cleaning is only required if alerted by a fault indication, eliminating the need for regular ash cleaning intervals.

Increase productivity

By providing information such as

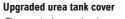
service hours, idle time and fuel

consumption, Hi MATE saves you

money and improves productivity.

Service alerts enable better

maintenance planning.



The urea tank cover has been updated to a fully open type to make filling more convenient.



ECD provides troubleshooting advice as well as









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.

HIMATE

Boost efficiency and performance

For maximum convenience and security, the HX235A LCR features HD Hvundai'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)

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.





Parts & Warranties

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

HD 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

HD 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.



HD Hyundai Genuine parts

HD 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 HD 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

HD Hyundai Construction Equipment
Europe prioritises quick, reliable
intervention to keep your equipment
running reliably. In the 13000 m²
warehouse, HD Hyundai covers over 96%
of all Genuine Parts. With one of Europe's
most advanced automated warehousing
systems, we are able to maintain
availability and efficient delivery of all our
Genuine Parts. Moreover, we guarantee
a 24-hour delivery service across our
European dealer network.



Aftermarket kits

You can order HD Hyundai aftermarket kits via your dealer. This AAVM system for example, improves safety in and around your working environment at all times.

HD 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 for all crawler excavators. Next to this standard coverage, optional and extended warranty periods are available, so you can benefit from full warranty coverage for longer, and even over the full lifetime of the machines. Please discuss the optimal solution for your needs with your local HD Hvundai dealer.

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.

Durability

Walk-around

HX235A LCR

Productivity & Efficiency

NEW

NEW NEW

• High-performance, EGR-free engine

• Eco Report

• Electronic Pump Flow Control (EPFC)

Lifting mode

• Fuel Rate Information

Eco Gauge

Automatic engine shutdown



Serviceability

• Engine Connected Diagnostics (ECD)

• Hi MATE telematics system

• 2x longer-lasting fuel filter (1,000 hrs)

· Upgraded urea tank cover

Mobile Fleet app

Connected diagnostics



Key On Init Work Mode



New audio system



• Wi-Fi Direct with smartphone (Miracast)

Proportional auxiliary hydraulic system



 2-way proportional RCV & pedal control selection



• Fine (cushion/free) swing Control



• 8" touchscreen monitor





Owner Menu Editing (OME)

· Combination speed system







• Electronic swing parking brake



AAVM camera system



Seatbelt warning alarm



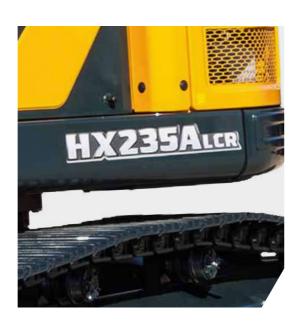


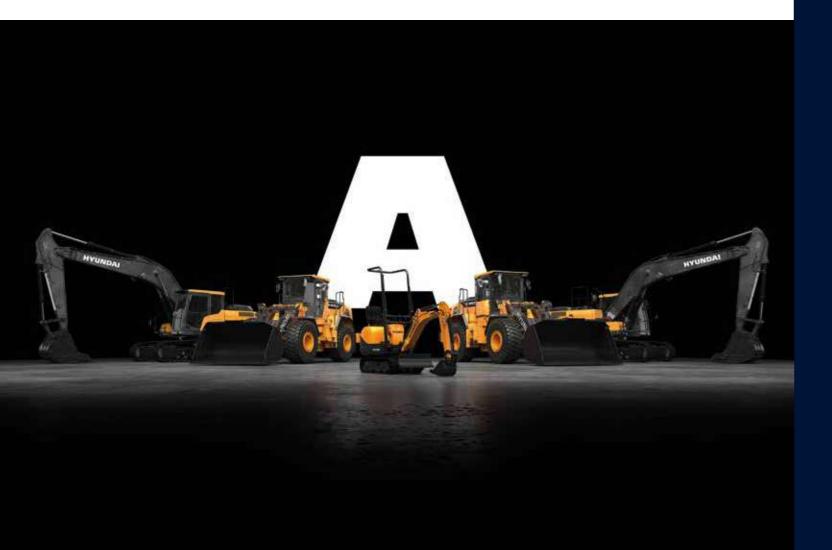


READY TO CHANGE YOUR WORLD

HD 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 HD Hyundai Effect.

Explore the range at hyundai-ce.eu





SPECIFICATIONS

ENGINE Maker / Model 6 cylinder, water cooled, 4-cycle, turbocharge charg air cooled, direct injection, electronic Type controlled diesel engine Gross Power 129 kW (173 hp) at 2,200 rpm Net Power 127 kW (170 hp) at 2,200 rpm 145 kW (195 hp) at 2,000 rpm Max Power Peak Torque 881 N . m (650 lb . ft) at 1,300 rpm Displacemen 6.7 I (409 cu in)

MAIN PUMP				
Туре		Variable displ	acement tandem axis	
туре		piston pumps		
Max. flow			2 x 221 L/min	
		- ` 	gpm / 2 x 48.6 UK gpm)	
Sub-pump for pil		Gear pump		
	d fuel saving pump	system.		
HYDRAULIC MOT	ORS			
Travel			Two speed axial pistons motor with brake	
			valve and parking brake	
Swing		Axial piston n	Axial piston motor with automatic brake	
RELIEF VALVE SE	TTING			
Implement circuits		350 kgf/cm² (4,980 psi)		
Travel		350 kgf/cm² (4,980 psi)		
Power boost (boom, arm, bucket)		380 kgf/cm² (5,410 psi)		
Swing circuit		285 kgf/cm² (4,050 psi)		
Pilot circuit		40 kgf/cm² (570 psi)		
Service valve		Installed		
HYDRAULIC CYL	INDERS	<u> </u>		
		Boom	2-120 X 1,290 mm	
		Arm	1-140 X 1,510 mm	
No. of cylinder		Bucket	1-120 X 1,055 mm	
bore X stroke		Blade	2-130 X 240 mm	
		1st	2-125 X 1,260 mm	
	2-Piece Boom	2nd	1-160 X 1 060 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	22,200 kgf (48,943 lbf)	
Max. travel speed (high/low)	5.6 km/hr (3.5 mph) / 3.2 km/hr (2 mph)	
Gradeability 35°(70 %)	35° (70 %)	
Parking brake	Multi wet disc	

CONTROL

effortless and fatigueless operation.		
Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)		
Traveling and steering Two levers with pedals		

SWING SYSTEM				
Swing motor	Swing motor Fixed displacement axial piston motor			
Swing reduction	Planetary gear reduction			
Swing bearing lubrication	Grease-bathed			
Swing brake	Multi wet disc			
Swing speed	11.3 rnm			

SERVICE CAPACITIES				
	liter	US gal	UK gal	
Fuel tank	320.0	84.5	70.4	
Engine coolant	40.0	10.6	8.8	
Engine oil	23.1	6.1	5.1	
Swing device	7.0	1.8	1.5	
Final drive (each)	48.0	12.6	10.5	
DEF / AdBlue R tank	48.0	12.6	10.5	
Hydraulic system (including tank)	275.0	72.6	60.5	
Hydraulic tank	160.0	42.3	35.2	

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 grouper shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	49 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680 mm (18' 8") boom, 2,920 mm (9' 7") arm, SAE heaped 0.80 m² (1.05 yd3) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

ERATING WEIGHT

Shoes		Operating Weight	Ground Pressure
Туре	Width mm (in)	kg (lb)	kgf/cm² (psi)
	600 (24")	24,000 (52,910)	0.51 (7.27)
Triple Grouser	700 (28")	24,280 (53,530)	0.44 (6.30)
	800 (32")	24,560 (54,140)	0.39 (5.58)

AIR CONDITIONING SYSTEM

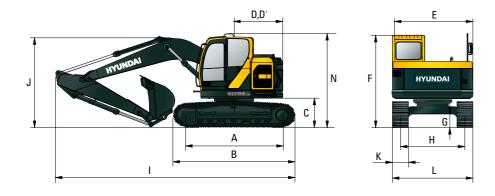
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential: 1430)

The system holds 0.75 kg refrigerant consisting of a CO₂ equivalent 1.07 kg metric tonne. For more information, please refer to the manual.

DIMENSIONS & WORKING RANGE

HX235A LCR MONO BOOM DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") ARM



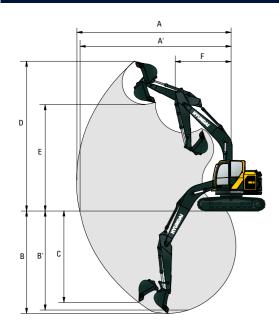
Unit: mm (ft·in)

Unit: mm (ft·in)

	3,650 (12' 0")
Overall length of crawler	4,446 (14' 7")
Ground clearance of counterweight	1,080 (3' 7")
Tail swing radius	1,780 (6' 04")
Rear-end length	1,780 (6' 04")
Overall width of upperstructure	2,980 (9' 9")
Overall height of cab	3,100 (10' 2")
Min. ground clearance	470 (1' 65")
Track gauge	2,390 (7' 10")
Overall height of guardrail	3,290 (10' 10")
	Ground clearance of counterweight Tail swing radius Rear-end length Overall width of upperstructure Overall height of cab Min. ground clearance Track gauge

Boom Length			5,680 (18' 8")		
Arm Length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
-1	Overall length	9,050 (29' 8")	8,950 (29' 4")	8,910 (29' 3")	
J	Overall height of boom	3,240 (10' 8")	3,130 (10' 3")	3,040 (10' 0")	
K	Track shoe width	600 (1' 12")	700 (2' 4")	800 (2' 7")	
$\overline{}$	Overall width	2 990 (9' 10")	3.090 (10' 2")	3 190 (10' 6")	

HX235A LCR MONO BOOM WORKING RANGE

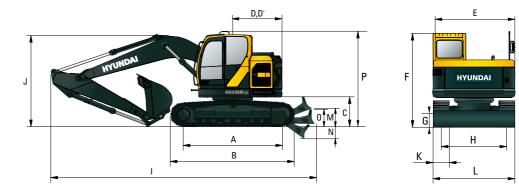


Boom Length		5,680 (18' 8")		
Arm Length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
Α	Max. digging reach	9,040 (29' 8")	9,430 (30' 11")	9,910 (32' 6")
A'	Max. digging reach on ground	8,860 (29' 1")	9,260 (30' 5")	9,750 (32' 0")
В	Max. digging depth	5,750 (18' 10")	6,150 (20' 2")	6,670 (21' 11")
B'	Max. digging depth (8' level)	5,490 (18' 0")	5,940 (19' 6")	6,490 (21' 4")
С	Max. vertical wall digging depth	5,120 (16' 10")	5,570 (18' 3")	6,090 (20' 0")
D	Max. digging height	10,130 (33' 3")	10,460 (34' 4")	10,820 (35' 6")
Ε	Max. dumping height	7,220 (23' 8")	7,540 (24' 9")	7,900 (25' 11")
F	Min. swing radius	2,860 (9' 5")	2,550 (8' 4")	2,350 (7' 9")

DIMENSIONS & WORKING RANGE

HX235A LCR MONO BOOM (DOZER TYPE) DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") ARM



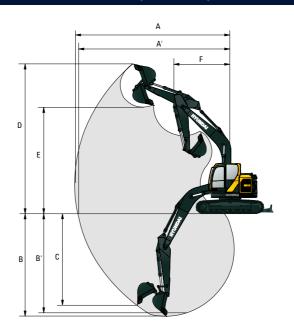
Unit : mm (ft \cdot in)

Unit: mm (ft·in)

Α	Tumbler distance	3,650 (12' 0")
В	Overall length of crawler	4,404 (14' 6")
С	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
Ε	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	470 (1' 65")
Н	Track gauge	2,390 (7' 10")
М	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
0	Height of blade	740 (2' 5")
Р	Overall height of guardrail	3,290 (10' 10")

	Boom Length	5,680 (18' 8")						
Arm Length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")				
1	Overall length	9,980 (32' 9")	9,890 (32' 5")	9,840 (32' 3")				
J	Overall height of boom	3,240 (10' 8")	3,130 (10' 3")	3,040 (10' 0")				
K	Track shoe width	600 (1' 12")	700 (2' 4")	800 (2' 7")				
L	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")				

HX235A LCR MONO BOOM (DOZER TYPE) WORKING RANGE

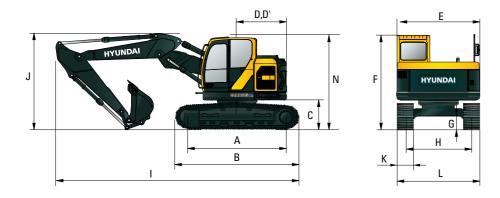


Вос	om Length	5,680 (18' 8")						
Arr	n Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")				
Ą	Max. digging reach	9,040 (29' 8")	9,430 (30' 11")	9,910 (32' 6")				
۹'	Max. digging reach on ground	8,860 (29' 1")	9,260 (30' 5")	9,750 (32' 0")				
3	Max. digging depth	5,750 (18' 10")	6,150 (20' 2")	6,670 (21' 11")				
3'	Max. digging depth (8' level)	5,490 (18' 0")	5,940 (19' 6")	6,490 (21' 4")				
0	Max. vertical wall digging depth	5,120 (16' 10")	5,570 (18' 3")	6,090 (20' 0")				
)	Max. digging height	10,130 (33' 3")	10,460 (34' 4")	10,820 (35' 6")				
E	Max. dumping height	7,220 (23' 8")	7,540 (24' 9")	7,900 (25' 11")				
F	Min. swing radius	2,860 (9' 5")	2,550 (8' 4")	2,350 (7' 9")				

DIMENSIONS & WORKING RANGE

HX235A LCR 2-PIECE BOOM DIMENSIONS

5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm

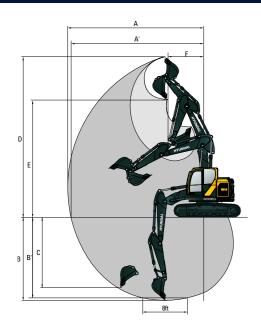


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Α	Tumbler distance	3,650 (12' 0")
В	Overall length of crawler	4,406 (14' 7")
С	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
Ε	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	470 (1' 65")
Н	Track gauge	2,390 (7' 10")
N	Overall height of guardrail	3,290 (10' 10")

	Boom Length		5,650 (18' 6") 2-Piece						
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")					
1	Overall length	9,000 (29' 6")	8,910 (29' 3")	8,900 (29' 2")					
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")					
K	Track shoe width	600 (1' 12")	700 (2' 4")	800 (2' 7")					
Т	Overall width	2 990 (9' 10")	3 090 (10' 2")	3 190 (10' 6")					

HX235A LCR 2-PIECE BOOM WORKING RANGE

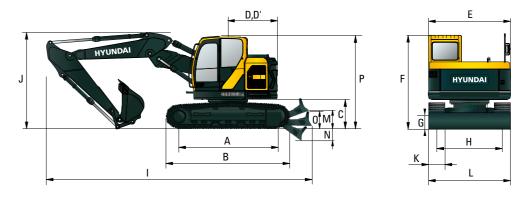


Unit: mm (ft·in) **Boom Length** 5,650 (18' 6") 2-Piece A | Max. digging reach 9,050 (29' 8") 9,460 (31' 0") 10,020 (32' 10") 9,860 (32' 4") 8,880 (29' 2") 9,290 (30' 6") Max. digging depth 5,460 (17' 11") 5,860 (19' 3") 6,380 (20' 11") 5,750 (18' 10") 6,270 (20' 7") Max. vertical wall 4,530 (14' 10") 4,970 (16' 4") 5,520 (18' 1") digging depth Max. digging height 11,470 (37' 8") 8,540 (28' 0") Min. swing radius 2,000 (6' 7")

DIMENSIONS & WORKING RANGE

HX235A LCR 2-PIECE BOOM (DOZER TYPE) DIMENSIONS

5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm

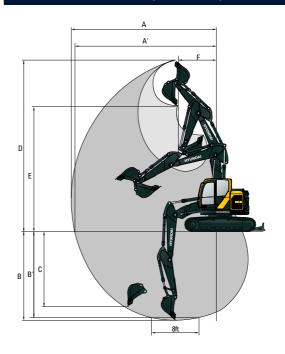


Unit : mm (ft \cdot in)

Α	Tumbler distance	3,650 (12' 0")
В	Overall length of crawler	4,404 (14' 6")
С	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
Е	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	470 (1' 65")
Н	Track gauge	2,390 (7' 10")
М	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
0	Height of blade	740 (2' 5")
Р	Overall height of guardrail	3,290 (10' 10")

	Boom Length	5,650 (18' 6") 2-Piece						
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")				
I	Overall length	9,850 (32' 4")	9,760 (32' 0")	9,750 (32' 0")				
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")				
K	Track shoe width	600 (1' 12")	700 (2' 4")	800 (2' 7")				
L	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")				

HX235A LCR 2-PIECE BOOM (DOZER TYPE) DIMENSIONS



Unit : mm (ft·in)

Вос	om Length	5,650 (18' 6") 2-Piece						
Arn	ı Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")				
Α	Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")				
A'	Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")				
В	Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")				
B'	Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")				
С	Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")				
D	Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")				
E	Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")				
F	Min. swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")				

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degrees

HX235A LCR MONO BOOM (WITHOUT DOZER)

Boom: 5.68 m (18' 8") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouse

		. ,									
				At max. Reach							
Lift-point	3.0 m	(9.8 ft)	4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
height m (ft)		=	·	Þ	ŀ	=		=	·	Þ	m (ft)
7.5 m kg (24.6 ft) lb			*5,910 *13,030	*5,910 *13,030					*5,940 *13,100	*5,940 *13,100	4.93 (16.2)
6.0 m kg			*5,980	*5,980	*5,520	4,980			*5,530	4,600	6.28
(19.7 ft) lb			*13,180	*13,180	*12,170	10,980			*12,190	10,140	(20.6)
4.5 m kg			*6,990	*6,990	*5,780	4,860			*5,410	3,750	7.07
(14.8 ft) lb			*15,410	*15,410	*12,740	10,710			*11,930	8,270	(23.2)
3.0 m kg			*8,390	7,010	*6,330	4,650			*5,410	3,360	7.48
(9.8 ft) Ib			*18,500	15,450	*13,960	10,250			*11,930	7,410	(24.5)
1.5 m kg					*6,820	4,460	5,310	3,270	5240	3,220	7.57
(4.9 ft) Ib					*15,040	9,830	11,710	7,210	11550	7,100	(24.8)
Ground kg			*9,410	6,480	*6,980	4,340			5410	3,310	7.36
Line Ib			*20,750	14,290	*15,390	9,570			11930	7,300	(24.1)
-1.5 m kg			*8,790	6,490	*6,610	4,330			*5,560	3,680	6.81
(-4.9 ft) Ib	İ	İ	*19,380	14,310	*14,570	9,550			*12,260	8,110	(22.3)
-3.0 m kg	*9,470	*9,470	*7,370	6,630					*5,390	4,630	5.83
(-9.8 ft) Ib	*20,880	*20,880	*16,250	14,620					*11,880	10,210	(19.1)

Poom: 5 69 m /10' 0"\ / Arm 2 / m /7' 10"\ / Shoo: 600 mm /2/"\ triplo grousor

BOOTH. 3	.00 11	1 (10 0) / AIIII	2.4 m (/ 10°) /	3110e. 000 11111	. , , ,								
		Lift-point radius									At max. Reach		
Lift-poi		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (6.0 m (19.7 ft)		(24.6 ft)	Capacity		Reach	
height m (ft)		ŀ				•		ŀ				m (ft)	
9.0 m (29.5 ft)	kg Ib									*6,690 *14,750	*6,690 *14,750	3.26 (10.7)	
7.5 m (24.6 ft)	kg Ib			*5,320 *11,730	*5,320 *11,730					*5,080 *11,200	*5,080 *11,200	5.52 (18.1)	
6.0 m (19.7 ft)	kg Ib			*5,510 *12,150	*5,510 *12,150	*5,130 *11,310	5,040 11,110			*4,620 *10,190	4,120 9,080	6.75 (22.1)	
4.5 m (14.8 ft)	kg Ib	*9,060 *19,970	*9,060 *19,970	*6,520 *14,370	*6,520 *14,370	*5,480 *12,080	4,890 10,780			*4,490 *9,900	3,420 7,540	7.49 (24.6)	
3.0 m (9.8 ft)	kg Ib			*7,970 *17,570	7,100 15,650	*6,080 *13,400	4,670 10,300	*5,190 *11,440	3,340 7,360	*4,580 *10,100	3,090 6,810	7.87 (25.8)	
1.5 m (4.9 ft)	kg Ib			*9,100 *20,060	6,650 14,660	*6,650 *14,660	4,450 9,810	5,290 11,660	3,250 7,170	4,850 10,690	2,980 6,570	7.96 (26.1)	
Ground Line	kg Ib			*9,410 *20,750	6,450 14,220	*6,920 *15,260	4,310 9,500	5,220 11,510	3,180 7,010	4,980 10,980	3,040 6,700	7.76 (25.4)	
-1.5 m (-4.9 ft)	kg Ib	*11,240 *24,780	*11,240 *24,780	*8,990 *19,820	6,420 14,150	*6,710 *14,790	4,270 9,410			*5,250 *11,570	3,340 7,360	7.24 (23.8)	
-3.0 m (-9.8 ft)	kg Ib	*10,430 *22,990	*10,430 *22,990	*7,820 *17,240	6,520 14,370	*5,700 *12,570	4,360 9,610			*5,170 *11,400	4,070 8,970	6.33 (20.8)	
-4.5 m (-14.8 ft)	kg lb			*5,130 *11,310	*5,130 *11,310					*4,560 *10,050	*4,560 *10,050	4.81 (15.8)	

Boom: 5.68 m (18′ 8″)	/ Arm 2.92 m (9	7") / Shoe: 600 mm	(24") triple grouser

						Lift-poir	nt radius						At max. Reach	
Lift-poi		1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)					=		=		=				=	m (ft)
9.0 m (29.5 ft)	kg Ib											*4,150 *9,150	*4,150 *9,150	4.32 (14.2)
7.5 m	kg					*4,610	*4,610	*4,230	*4,230			*3,370	*3,370	6.2
(24.6 ft)	lb .					*10,160	*10,160	*9,330	*9,330			*7,430	*7,430	(20.3)
6.0 m	kg					*4,880	*4,880	*4,640	*4,640			*3,100	*3,100	7.31
(19.7 ft)	lb					*10,760	*10,760	*10,230	*10,230			*6,830	*6,830	(24.0)
4.5 m	kg			*7,640	*7,640	*5,880	*5,880	*5,060	4,940	*4,650	3,440	*3,020	*3,020	8.00
(14.8 ft)	lb			*16,840	*16,840	*12,960	*12,960	*11,160	10,890	*10,250	7,580	*6,660	*6,660	(26.2)
3.0 m	kg					*7,360	7,220	*5,720	4,700	*4,910	3,340	*3,080	2,790	8.36
(9.8 ft)	lb					*16,230	15,920	*12,610	10,360	*10,820	7,360	*6,790	6,150	(27.4)
1.5 m	kg					*8,690	6,710	*6,380	4,450	*5,210	3,220	*3,250	2,690	8.44
(4.9 ft)	lb					*19,160	14,790	*14,070	9,810	*11,490	7,100	*7,170	5,930	(27.7)
Ground	kg			*6,320	*6,320	*9,290	6,420	*6,790	4,280	5,170	3,130	*3,590	2,740	8.25
Line	lb			*13,930	*13,930	*20,480	14,150	*14,970	9,440	11,400	6,900	*7,910	6,040	(27.1)
-1.5 m	kg	*6,580	*6,580	*10,750	*10,750	*9,140	6,330	*6,760	4,200	5,140	3,100	*4,210	2,970	7.77
(-4.9 ft)	ΙĎ	*14,510	*14,510	*23,700	*23,700	*20,150	13,960	*14,900	9,260	11,330	6,830	*9,280	6,550	(25.5)
-3.0 m	kg	*11,250	*11,250	*11,470	*11,470	*8,270	6,390	*6,120	4,230			*4,900	3,510	6.93
(-9.8 ft)	lb	*24,800	*24,800	*25,290	*25,290	*18,230	14,090	*13,490	9,330	İ		*10,800	7,740	(22.7)
-4.5 m	kg			*8,610	*8,610	*6,290	*6,290					*4,630	*4,630	5.58
(-14.8 ft)	lb			*18,980	*18,980	*13,870	*13,870	İ	İ	İ		*10,210	*10,210	(18.3)

- 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

HX235A LCR MONO BOOM (DOZER UP)

Boom: 5.68 m (18' 8") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouser

				Lift-poir	nt radius					At max. Reach	
Lift-point	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)		=	ŀ	=	ŀ	=	·	₩.	ŀ	=	m (ft)
7.5 m kg (24.6 ft) lb			*5,910 *13,030	*5,910 *13,030					*5,940 *13,100	*5,940 *13,100	4.93 (16.2)
6.0 m kg (19.7 ft) lb			*5,980 *13,180	*5,980 *13,180	*5,520 *12,170	5,280 11,640			*5,530 *12,190	4,890 10,780	6.28 (20.6)
4.5 m kg (14.8 ft) lb			*6,990 *15,410	*6,990 *15,410	*5,780 *12,740	5,160 11,380			*5,410 *11,930	3,990 8,800	7.07 (23.2)
3.0 m kg (9.8 ft) lb			*8,390 *18,500	7,450 16,420	*6,330 *13,960	4,950 10,910			*5,410 *11,930	3,580 7,890	7.48 (24.5)
1.5 m kg (4.9 ft) lb					*6,820 *15,040	4,760 10,490	5,310 11,710	3,490 7,690	5,240 11,550	3,450 7,610	7.57 (24.8)
Ground kg Line lb			*9,410 *20,750	6,920 15,260	*6,980 *15,390	4,640 10,230			5,410 11,930	3,540 7,800	7.36 (24.1)
-1.5 m kg (-4.9 ft) lb			*8,790 *19,380	6,930 15,280	*6,610 *14,570	4,630 10,210			*5,560 *12,260	3,940 8,690	6.81 (22.3)
-3.0 m kg (-9.8 ft) lb	*9,470 *20,880	*9,470 *20,880	*7,370 *16,250	7,070 15,590					*5,390 *11,880	4,950 10,910	5.83 (19.1)

Boom: 5.68 m (18' 8") / Arm 2.4 m (7' 10") / Shoe: 600 mm (24") triple grouser

				Lift-poir	nt radius					At max. Reach	
Lift-point	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	Сар	acity	Reach
height m (ft)	ŀ				ŀ	=					m (ft)
9.0 m kg (29.5 ft) lb									*6,690 *14,750	*6,690 *14,750	3.26 (10.7)
7.5 m kg (24.6 ft) lb			*5,320 *11,730	*5,320 *11,730					*5,080 *11,200	*5,080 *11,200	5.52
6.0 m kg (19.7 ft) lb			*5,510 *12,150	*5,510 *12,150	*5,130 *11,310	*5,130 *11,310			*4,620 *10,190	4,380 9,660	6.75
4.5 m kg (14.8 ft) lb	*9,060 *19,970	*9,060 *19,970	*6,520 *14,370	*6,520 *14,370	*5,480 *12,080	5,190 11,440			*4,490 *9,900	3,650 8,050	7.49
3.0 m kg (9.8 ft) lb	10,010	10,010	*7,970 *17,570	7,540 16,620	*6,080 *13,400	4,970 10,960	*5,190 *11,440	3,570 7,870	*4,580 *10,100	3,310 7,300	7.87
1.5 m kg (4.9 ft) lb			*9,100 *20,060	7,090 15,630	*6,650 *14,660	4,750 10,470	5,290 11,660	3,470 7,650	4,850 10,690	3,190 7,030	7.96 (26.1)
Ground kg Line lb			*9,410 *20,750	6,890 15,190	*6,920 *15,260	4,610 10,160	5,220 11,510	3,410 7,520	4,980 10,980	3,260 7,190	7.76 (25.4)
-1.5 m kg (-4.9 ft) lb	*11,240 *24,780	*11,240 *24,780	*8,990 *19,820	6,860 15,120	*6,710 *14,790	4,570 10,080	,010	.,520	*5,250 *11,570	3,580 7,890	7.24 (23.8)
-3.0 m kg (-9.8 ft) lb	*10,430 *22,990	*10,430 *22,990	*7,820 *17,240	6,960 15,340	*5,700 *12,570	4,660 10,270			*5,170 *11,400	4,350 9,590	6.33
-4.5 m kg (-14.8 ft) lb			*5,130 *11,310	*5,130 *11,310	,010	13,210			*4,560 *10,050	*4,560 *10050	4.81 (15.8)

Boom : 5.68 m (18' 8") / Arm 2.92 m (9' 7") / Shoe: 600 mm (24") triple grouser

						Lift-poir	nt radius						At max. Reach	
Lift-poi		1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m ((14.8 ft)	6.0 m	(19.7 ft)	7.5 m	(24.6 ft)	Сар	acity	Reach
heigh m (ft)			=		=	ŀ	=		=	ŀ	=			m (ft)
9.0 m (29.5 ft)	kg Ib											*4,150 *9,150	*4,,150 *9,150	4.32 (14.2)
7.5 m	kg					*4,610	*4,610	*4,230	*4,230			*3,370	*3,370	6.2
(24.6 ft)	lb					*10,160	*10,160	*9,330	*9,330			*7,430	*7,430	(20.3)
6.0 m	kg					*4,880	*4,880	*4,640	*4,640			*3,100	*3,100	7.31
(19.7 ft)	lb					*10,760	*10,760	*10,230	*10,230			*6,830	*6,830	(24.0)
4.5 m	kg			*7,640	*7,640	*5,880	*5,880	*5,060	*5,060	*4,650	3,670	*3,020	*3,020	8.00
(14.8 ft)	lb			*16,840	*16,840	*12,960	*12,960	*11,160	*11,160	*10,250	8,090	*6,660	*6,660	(26.2)
3.0 m	kg					*7,360	*7,360	*5,720	5,000	*4,910	3,570	*3,080	2,990	8.36
(9.8 ft)	lb					*16,230	*16,230	*12,610	11,020	*10,820	7,870	*6,790	6,590	(27.4)
1.5 m	kg					*8,690	7,150	*6,380	4,750	*5,210	3,450	*3,250	2,890	8.44
(4.9 ft)	lb					*19,160	15,760	*14,070	10,470	*11,490	7,610	*7,170	6,370	(27.7)
Ground	kg			*6,320	*6,320	*9,290	6,860	*6,790	4,580	5,170	3,360	*3,590	2,940	8.25
Line	lb			*13,930	*13,930	*20,480	15,120	*14,970	10,100	11,400	7,410	*7,910	6,480	(27.1)
-1.5 m	kg	*6,580	*6,580	*10,750	*10,750	*9,140	6,770	*6,760	4,500	5,140	3,330	*4,210	3,190	7.77
(-4.9 ft)	lb	*14,510	*14,510	*23,700	*23,700	*20,150	14,930	*14,900	9,920	11,330	7,340	*9,280	7,030	(25.5)
-3.0 m	kg	*11,250	*11,250	*11,470	*11,470	*8,270	6,830	*6,120	4,530			*4,900	3,760	6.93
(-9.8 ft)	lb	*24,800	*24,800	*25,290	*25,290	*18,230	15,060	*13,490	9,990			*10,800	8,290	(22.7)
-4.5 m	kg			*8,610	*8,610	*6,290	*6,290					*4,630	*4,630	5.58
(-14.8 ft)	lb			*18,980	*18,980	*13,870	*13,870					*10,210	*10,210	(18.3)

- 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

HX235A LCR MONO BOOM (DOZER DOWN)

Boom : 5.68 m (18' 8") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouser

				Lift-poir	nt radius					At max. Reach	
Lift-point	3.0 m	(9.8 ft)	4.5 m	(14.8 ft)	6.0 m	(19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)		=	ŀ	Þ	ŀ	=	ŀ	=		=	m (ft)
7.5 m kg (24.6 ft) lb	i		*5,910 *13,030	*5,910 *13,030					*5,940 *13,100	*5,940 *13,100	4.93 (16.2)
6.0 m kg (19.7 ft) lb			*5,980 *13,180	*5,980 *13,180	*5,520 *12,170	*5,520 *12,170			*5,530 *12,190	5,190 11,440	6.28 (20.6)
4.5 m kg (14.8 ft) lb			*6,990 *15,410	*6,990 *15,410	*5,780 *12,740	5,480 12,080			*5,410 *11,930	4,240 9,350	7.07 (23.2)
3.0 m kg (9.8 ft) lb			*8,390 *18,500	7,970 17,570	*6,330 *13,960	5,270 11,620			*5,410 *11,930	3,810 8,400	7.48 (24.5)
1.5 m kg (4.9 ft) lb			10,000	17,570	*6,820 *15,040	5,070 11,180	*5,510 *12,150	3,720 8,200	*5,470 *12,060	3,670 8,090	7.57
Ground kg Line lb			*9,410 *20,750	7,430 16,380	*6,980 *15,390	4,60 10,930	12,100	0,200	*5,530 *12,190	3,780 8,330	7.36 (24.1)
-1.5 m kg (-4.9 ft) lb			*8,790 *19,380	7,440 16,400	*6,610 *14,570	4,950 10,910			*5,560 *12,260	4,200 9,260	6.81
-3.0 m kg (-9.8 ft) lb	*9,470 *20,880	*9,470 *20.880	*7,370 *16.250	*7,370 *16.250	11,010	10,310			*5,390 *11.880	5,280 11.640	5.83

Boom : 5.68 m (18' 8") / Arm 2.4 m (7' 10") / Shoe: 600 mm (24") triple grouser

					Lift-poir	nt radius					At max. Reach	
Lift-poi		3.0 m	(9.8 ft)	4.5 m	(14.8 ft)	6.0 m	19.7 ft)	7.5 m (24.6 ft)	Сар	acity	Reach
heigh m (ft)				ŀ		ŀ		ŀ		ŀ		m (ft)
9.0 m (29.5 ft)	kg Ib									*6,690 *14,750	*6,690 *14,750	3.26 (10.7)
7.5 m (24.6 ft)	kg Ib			*5,320 *11,730	*5,320 *11,730					*5,080 *11,200	*5,080 *11,200	5.52 518.1)
6.0 m (19.7 ft)	kg Ib			*5,510 *12,150	*5,510 *12,150	*5,130 *11,310	*5,130 *11,310			*4,620 *10,190	*4,620 *10,190	6.75 (22.1)
4.5 m (14.8 ft)	kg Ib	*9,060 *19,970	*9,060 *19,970	*6,520 *14,370	*6,520 *14,370	*5,480 *12,080	*5,480 *12,080			*4,490 *9,900	3,880 8,550	7.49 (24.6)
3.0 m (9.8 ft)	kg Ib			*7,970 *17,570	*7,970 *17,570	*6,080 *13,400	5,290 11,660	*5,190 *11,440	3,800 8,380	*4,580 *10,100	3,520 7,760	7.87 (25.8)
1.5 m (4.9 ft)	kg Ib			*9,100 *20,060	7,610 16,780	*6,650 *14,660	5,070 11,180	*5,400 *11,900	3,700 8,160	*4,870 *10,740	3,400 7,500	7.96 (26.1)
Ground Line	kg Ib			*9,410 *20,750	7,400 16,310	*6,920 *15,260	4,930 10,870	*5,430 *11,970	3,640 8,020	*5,200 *11,460	3,480 7,670	7.76 (25.4)
-1.5 m (-4.9 ft)	kg Ib	*11,240 *24,780	*11,240 *24,780	*8,990 *19,820	7,370 16,250	*6,710 *14,790	4,890 10,780			*5,250 *11,570	3,820 8,420	7.24 (23.8)
-3.0 m (-9.8 ft)	kg Ib	*10,430 *22,990	*10,430 *22,990	*7,820 *17,240	7,480 16,490	*5,700 *12,570	4,970 10,960			*5,170 *11,400	4,640 10,230	6.33 (20.8)
-4.5 m (-14.8 ft)	kg Ib			*5,130 *11,310	*5,130 *11,310					*4,560 *10,050	*4,560 *10,050	4.81 (15.8)

Boom: 5.68 m (18' 8") / Arm 2.92 m (9' 7") / Shoe: 600 mm (24") triple grouser

						Lift-poir	nt radius						At max. Reach	
Lift-poin		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)	Cap	acity	Reach
height m (ft)					=								=	m (ft)
9.0 m (29.5 ft)	kg Ib											*4,150 *9,150	*4,150 *9,150	4.32 (14.2)
7.5 m (24.6 ft)	kg Ib					*4,610 *10,160	*4,610 *10,160	*4,230 *9,330	*4,230 *9,330			*3,370 *7,430	*3,370 *7,430	6.20 (20.3)
6.0 m	kg					*4,880	*4,880	*4,640	*4,640			*3,100	*3,100	7.31
(19.7 ft) 4.5 m	lb kg			*7,640	*7,640	*10,760 *5,880	*10,760 *5,880	*10,230 *5,060	*10,230 *5,060	*4,650	3,900	*6,830 *3,020	*6,830 *3,020	(24.0) 8.00
(14.8 ft) 3.0 m	lb kg			*16,840	*16,840	*12,960 *7,360	*12,960 *7,360	*11,160 *5,720	*11,160 5,320	*10,250 *4,910	8,600 3,790	*6,660 *3,080	*6,660 *3,080	(26.2) 8.36
(9.8 ft)	lb					*16,230	*16,230	*12,610	11,730	*10,820	8,360	*6,790	*6,790	(27.4)
1.5 m (4.9 ft)	kg Ib					*8,690 *19,160	7,660 16,890	*6,380 *14,070	5,070 11,180	*5,210 *11,490	3,680 8,110	*3,250 *7,170	3,080 6,790	8.44 (27.7)
Ground Line	kg Ib			*6,320 *13,930	*6,320 *13,930	*9,290 *20,480	7,370 16,250	*6,790 *14,970	4,890 10,780	*5,370 *11,840	3,590 7,910	*3,590 *7,910	3,140 6,920	8.25 (27.1)
-1.5 m (-4.9 ft)	kg Ib	*6,580 *14,510	*6,580 *14,510	*10,750 *23,700	*10,750 *23,700	*9,140 *20,150	7,280 16,050	*6,760 *14,900	4,820 10,630	*5,180 *11,420	3,560 7,850	*4,210 *9,280	3,400 7,500	7.77
-3.0 m	kg	*11,250	*11,250	*11,470	*11,470	*8,270	7,340	*6,120	4,850	11,420	1,000	*4,900	4,010	6.93
(-9.8 ft) -4.5 m	lb kg	*24,800	*24,800	*25,290 *8,610	*25,290 *8,610	*18,230 *6,290	16,180 *6,290	*13,490	10,690			*10,800 *4,630	8,840 *4,630	(22.7) 5.58
1 :	lb			*18,980	*18,980	*13,870	*13,870					*10,210	*10,210	(18.3)

- 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

HX235A LCR 2-PIECE BOOM (WITHOUT DOZER)

Boom : 5.65 m (18' 6") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouser

					Lift-poir	nt radius						At max. Reach	
Lift-point	1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m ((14.8 ft)	6.0 m	19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)		=		=		=		=	ŀ	=	·		m (ft)
9.0 m kg (29.5 ft) lb	*14,220 *31,350	*14,220 *31,350									*12,400 *27,340	*12,400 *27,340	2.15 (7.1)
7.5 m kg (24.6 ft) lb			*8,790 *19,380	*8,790 *19,380	*6,930 *15,280	*6,930 *15,280					*6,640 *14,640	*6,640 *14,640	4.96 (16.3)
6.0 m kg (19.7 ft) lb			*9,450 *20,830	*9,450 *20,830	*6,960 *15,340	*6,960 *15,340	*5,570 *12,280	5,110 11,270			*5,430 *11,970	4,690 10,340	6.30 (20.7)
4.5 m kg (14.8 ft) lb					*7,950 *17,530	7,780 17,150	*5,760 *12,700	4,990 11,000			*4,950 *10,910	3,800 8,380	7.09 (23.2)
3.0 m kg (9.8 ft) lb					*9,290 *20,480	7,180 15,830	*6,310 *13,910	4,750 10,470			*4,800 *10,580	3,400 7,500	7.49 (24.6)
1.5 m kg (4.9 ft) lb							*6,870 *15,150	4,540 10,010	*4,960 *10,930	3,320 7,320	*4,890 *10,780	3,270 7,210	7.58 (24.9)
Ground kg Line lb					*8,240 *18,170	6,590 14,530	*6,330 *13,960	4,420 9,740			*4,580 *10,100	3,360 7,410	7.37 (24.2)
-1.5 m kg (-4.9 ft) lb					*6,520 *14,370	*6,520 *14,370	*5,060 *11,160	4,410 9,720			*3,850 *8,490	3,750 8,270	6.83 (22.4)
-3.0 m kg (-9.8 ft) lb													

Boom : 5.65 m (18' 6") / Arm 2.4 m (7' 10") / Shoe: 600 mm (24") triple grouser

					Lift-poir	nt radius						At max. Reach	
Lift-point	1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m ((14.8 ft)	6.0 m	19.7 ft)	7.5 m (24.6 ft)	Сар	acity	Reach
height m (ft)		=		=	ŀ	=	ŀ	=	ŀ				m (ft)
9.0 m kg (29.5 ft) lb			*7,900 *17,420	*7,900 *17,420							*6,590 *14,530	*6,590 *14,530	3.32 (10.9)
7.5 m kg (24.6 ft) lb			*7,890 *17,390	*7,890 *17,390	*6,450 *14,220	*6,450 *14,220					*4,880 *10,760	*4,880 *10,760	5.55 (18.2)
6.0 m kg (19.7 ft) lb			*7,600 *16,760	*7,600 *16,760	*6,570 *14,480	*6,570 *14,480	*5,250 *11,570	5,190 11,440			*4,360 *9,610	4,180 9,220	6.78 (22.2)
4.5 m kg (14.8 ft) lb			*11,890 *26,210	*11,890 *26,210	*7,440 *16,400	*7,440 *16,400	*5,490 *12,100	5,030 11,090	*4,350 *9,590	3,480 7,670	*4,200 *9,260	3,470 7,650	7.51 (24.6)
3.0 m kg (9.8 ft) lb					*9,080 *20,020	7,290 16,070	*6,040 *13,320	4,780 10,540	*4,580 *10,100	3,410 7,520	*4,230 *9,330	3,130 6,900	7.90 (25.9)
1.5 m kg (4.9 ft) lb					*9,310 *20,530	6,780 14,950	*6,750 *14,880	4,540 10,010	*4,790 *10,560	3,300 7,280	*4,420 *9,740	3,010 6,640	7.98 (26.2)
Ground kg Line lb					*8,590 *18,940	6,560 14,460	*6,470 *14,260	4,390 9,680	*4,760 *10,490	3,240 7,140	*4,340 *9,570	3,080 6,790	7.78 (25.5)
-1.5 m kg (-4.9 ft) lb			*7,720 *17,020	*7,720 *17,020	*7,080 *15,610	6,540 14,420	*5,440 *11,990	4,350 9,590			*3,730 *8,220	3,400 7,500	7.27 (23.8)
-3.0 m kg (-9.8 ft) lb					*4,700 *10,360	*4,700 *10,360	*3,300 *7,280	*3,300 *7,280					

Boom: 5.65 m (18' 6") / Arm 2.92 m (9' 7") / Shoe: 600 mm (24") triple grouser

					Lift-poi	nt radius						At max. Reach	
Lift-point	1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m	(14.8 ft)	6.0 m	19.7 ft)	7.5 m (24.6 ft)	Сар	acity	Reach
height m (ft)	·		· ·	=	· ·	=	ŀ	=	ŀ	=	· ·	=	m (ft)
9.0 m kg (29.5 ft) lb	i		*6,690 *14,750	*6,690 *14,750							*3,930 *8,660	*3,930 *8,660	4.40 (14.4)
7.5 m kg (24.6 ft) lb	i		*6,080 *13,400	*6,080 *13,400	*5,960 *13,140	*5,960 *13,140	*4,360 *9,610	*4,360 *9,610			*3,130 *6,900	*3,130 *6,900	6.25 (20.5)
6.0 m kg (19.7 ft) lb	· i		*5,760 *12,700	*5,760 *12,700	*6,100 *13,450	*6,100 *13,450	*4,900 *10,800	*4,900 *10,800			*2,830 *6,240	*2,830 *6,240	7.36 (24.1)
4.5 m kg (14.8 ft) lb	•		*9,130 *20,130	*9,130 *20,130	*6,830 *15,060	*6,830 *15,060	*5,160 *11,380	5,100 11,240	*4,170 *9,190	3,520 7,760	*2,730 *6,020	*2,730 *6,020	8.04 (26.4)
3.0 m kg (9.8 ft) lb	•				*8,480 *18,700	7,440 16,400	*5,690 *12,540	4,820 10,630	*4,330 *9,550	3,410 7,520	*2,750 *6,060	*2,750 *6,060	8.40 (27.6)
1.5 m kg (4.9 ft) lb	· i				*9,250 *20,390	6,850 15,100	*6,400 *14,110	4,550 10,030	*4,580 *10,100	3,280 7,230	*2,870 *6,330	2,720 6,000	8.48 (27.8)
Ground kg Line lb			*6,080 *13,400	*6,080 *13,400	*8,880 *19,580	6,530 14,400	*6,590 *14,530	4,350 9,590	*4,820 *10,630	3,190 7,030	*3,130 *6,900	2,770 6,110	8.29 (27.2)
-1.5 m kg (-4.9 ft) lb	· i		*9,500 *20,940	*9,500 *20,940	*7,660 *16,890	6,440 14,200	*5,800 *12,790	4,280 9,440	*4,090 *9,020	3,160 6,970	*3,590 *7,910	3,010 6,640	7.81 (25.6)
-3.0 m kg (-9.8 ft) lb	· i		*6,440 *14,200	*6,440 *14,200	*5,610 *12,370	*5,610 *12,370	*4,170 *9,190	*4,170 *9,190			*2,760 *6,080	*2,760 *6,080	6.98 (22.9)

- 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





HX235A LCR 2-PIECE BOOM (DOZER UP)

Boom: 5.65 m (18' 6") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouser

					Lift-poir	nt radius						At max. Reach	
Lift-point	1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)	·	=				=	·	=				=	m (ft)
9.0 m kg (29.5 ft) lb	*14,220 *31,350	*14,220 *31,350									*12,400 *27,340	*12,400 *27,340	2.15 (7.1)
7.5 m kg (24.6 ft) lb			*8,790 *19,380	*8,790 *19,380	*6,930 *15,280	*6,930 *15,280					*6,640 *14,640	*6,640 *14,640	4.96 (16.3)
6.0 m kg (19.7 ft) lb			*9,450 *20,830	*9,450 *20,830	*6,960 *15,340	*6,960 *15,340	*5,570 *12,280	5,410 11,930			*5,430 *11,970	4,970 10,960	6.30 (20.7)
4.5 m kg (14.8 ft) lb					*7,950 *17,530	*7,950 *17,530	*5,760 *12,700	5,290 11,660			*4,950 *10,910	4,050 8,930	7.09
3.0 m kg (9.8 ft) lb					*9,290 *20,480	7,620 16,800	*6,310 *13,910	5,050 11,130			*4,800 *10,580	3,630 8,000	7.49 (24.6)
1.5 m kg (4.9 ft) lb							*6,870 *15,150	4,840 10,670	*4,960 *10,930	3,550 7,830	*4,890 *10,780	3,490 7,690	7.58 (24.9)
Ground kg Line lb					*8,240 *18,170	7,030 15,500	*6,330 *13,960	4,720 10,410			*4,580 *10,100	3,590 7,910	7.37 (24.2)
-1.5 m kg (-4.9 ft) lb					*6,520 *14,370	*6,520 *14,370	*5,060 *11,160	4,710 10,380			*3,850 *8,490	*3,850 *8,490	6.83 (22.4)
-3.0 m kg (-9.8 ft) lb													

Boom: 5.65 m (18' 6") / Arm 2.4 m (7' 10") / Shoe: 600 mm (24") triple grouser

					· · · · ·	Lift-poir	nt radius						At max. Reach	
Lift-poi		1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24.6 ft)	Cap	acity	Reach
height m (ft)			=	ŀ	=	· ·	=	· ·	=	ŀ	=	· ·	=	m (ft)
9.0 m	kg			*7,900	*7,900							*6,590	*6,590	3.32
(29.5 ft)	lb			*17,420	*17,420							*14,530	*14,530	(10.9)
7.5 m	kg			*7,890	*7,890	*6,450	*6,450					*4,880	*4,880	5.55
(24.6 ft)	lb			*17,390	*17,390	*14,220	*14,220					*10,760	*10,760	(18.2)
6.0 m	kg			*7,600	*7,600	*6,570	*6,570	*5,250	*5,250			*4,360	*4,360	6.78
(19.7 ft)	lb			*16,760	*16,760	*14,480	*14,480	*11,570	*11,570			*9,610	*9,610	(22.2)
4.5 m	kg			*11,890	*11,890	*7,440	*7,440	*5,490	5,330	*4,350	3,710	*4,200	3,690	7.51
(14.8 ft)	lb			*26,210	*26,210	*16,400	*16,400	*12,100	11,750	*9,590	8,180	*9,260	8,140	(24.6)
3.0 m	kg					*9,080	7,730	*6,040	5,080	*4,580	3,630	*4,230	3,340	7.90
(9.8 ft)	lb					*20,020	17,040	*13,320	11,200	*10,100	8,000	*9,330	7,360	(25.9)
1.5 m	kg					*9,310	7,220	*6,750	4,840	*4,790	3,530	*4,420	3,220	7.98
(4.9 ft)	lb					*20,530	15,920	*14,880	10,670	*10,560	7,780	*9,740	7,100	(26.2)
Ground	kg					*8,590	7,000	*6,470	4,690	*4,760	3,470	*4,340	3,300	7.78
Line	lb					*18,940	15,430	*14,260	10,340	*10,490	7,650	*9,570	7,280	(25.5)
-1.5 m	kg			*7,720	*7,720	*7,080	6,980	*5,440	4,650			*3,730	3,630	7.27
(-4.9 ft)	lb			*17,020	*17,020	*15,610	15,390	*11,990	10,250			*8,220	8,000	(23.8)
-3.0 m	kg					*4,700	*4,700	*3,300	*3,300					
(-9.8 ft)	lb					*10,360	*10,360	*7,280	*7,280					

Boom: 5.65 m (18' 6") / Arm 2.92 m (9' 7") / Shoe: 600 mm (24") triple grouser

						Lift-poir	nt radius						At max. Reach	
Lift-poin	- 1	1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m (14.8 ft)	6.0 m ((19.7 ft)	7.5 m (24.6 ft)	Сар	acity	Reach
height m (ft)					=		=		=				=	m (ft)
9.0 m (29.5 ft)	kg Ib			*6,690 *14,750	*6,690 *14,750							*3,930 *8,660	*3,930 *8,660	4.40 (14.4)
7.5 m (24.6 ft)	kg Ib			*6,080 *13,400	*6,080 *13,400	*5,960 *13,140	*5,960 *13,140	*4,360 *9,610	*4,360 *9,610			*3,130 *6,900	*3,130 *6,900	6.25 (20.5)
6.0 m (19.7 ft)	kg Ib			*5,760 *12,700	*5,760 *12,700	*6,100 *13,450	*6,100 *13,450	*4,900 *10,800	*4,900 *10,800			*2,830 *6,240	*2,830 *6,240	7.36 (24.1)
4.5 m (14.8 ft)	kg Ib			*9,130 *20,130	*9,130 *20,130	*6,830 *15,060	*6,830 *15,060	*5,160 *11,380	*5,160 *11,380	*4,170 *9,190	3,750 8,270	*2,730 *6,020	*2,730 *6,020	8.04 (26.4)
3.0 m (9.8 ft)	kg Ib					*8,480 *18,700	7,880 17,370	*5,690 *12,540	5,120 11,290	*4,330 *9,550	3,640 8,020	*2,750 *6,060	*2,750 *6,060	8.40 (27.6)
1.5 m (4.9 ft)	kg Ib					*9,250 *20,390	7,290 16,070	*6,400 *14,110	4,850 10,690	*4,580 *10,100	3,510 7,740	*2,870 *6,330	*2,870 *6,330	8.48 (27.8)
Ground Line	kg Ib			*6,080 *13,400	*6,080 *13,400	*8,880 *19,580	6,970 15,370	*6,590 *14,530	4,660 10,270	*4,820 *10,630	3,410 7,520	*3,130 *6,900	2,970 6,550	8.29 (27.2)
-1.5 m (-4.9 ft)	kg Ib			*9,500 *20,940	*9,500 *20,940	*7,660 *16,890	6,880 15,170	*5,800 *12,790	4,580 10,100	*4,090 *9,020	3,390 7,470	*3,590 *7,910	3,230 7,120	7.81 (25.6)
-3.0 m (-9.8 ft)	kg Ib			*6,440 *14,200	*6,440 *14,200	*5,610 *12,370	*5,610 *12,370	*4,170 *9,190	*4,170 *9,190			*2,760 *6,080	*2,760 *6,080	6.98 (22.9)

- 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

HX235A LCR 2-PIECE BOOM (DOZER DOWN)

Boom : 5.65 m (18' 6") / Arm 2.0 m (6' 7") / Shoe: 600 mm (24") triple grouser

	Lift-point radius									At max. Reach			
Lift-point	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (4.5 m (14.8 ft)		19.7 ft)	7.5 m (24.6 ft)		Capacity		Reach
height m (ft)				=		=		=	ŀ				m (ft)
9.0 m kg (29.5 ft) lb	*14,220 *31,350	*14,220 *31,350									*12,400 *27,340	*12,400 *27,340	2.15 (7.1)
7.5 m kg (24.6 ft) lb			*8,790 *19,380	*8,790 *19,380	*6,930 *15,280	*6,930 *15,280					*6,640 *14,640	*6,640 *14,640	4.96 (16.3)
6.0 m kg (19.7 ft) lb			*9,450 *20,830	*9,450 *20,830	*6,960 *15,340	*6,960 *15,340	*5,570 *12,280	*5,570 *12,280			*5,430 *11,970	5,280 11,640	6.30 (20.7)
4.5 m kg (14.8 ft) lb					*7,950 *17,530	*7,950 *17,530	*5,760 *12,700	5,620 12,390			*4,950 *10,910	4,300 9,480	7.09 (23.2)
3.0 m kg (9.8 ft) lb					*9,290 *20,480	8,150 17,970	*6,310 *13,910	5,380 11,860			*4,800 *10,580	3,860 8,510	7.49 (24.6)
1.5 m kg (4.9 ft) lb							*6,870 *15,150	5,160 11,380	*4,960 *10,930	3,780 8,330	*4,890 *10,780	3,720 8,200	7.58 (24.9)
Ground kg Line lb					*8,240 *18,170	7,550 16,640	*6,330 *13,960	5,040 11,110			*4,580 *10,100	3,830 8,440	7.37 (24.2)
-1.5 m kg (-4.9 ft) lb					*6,520 *14,370	*6,520 *14,370	*5,060 *11,160	5,040 11,110			*3,850 *8,490	*3,850 *8,490	6.83 (22.4)
-3.0 m kg (-9.8 ft) lb													

Boom: 5.65 m (18' 6") / Arm 2.4 m (7' 10") / Shoe: 600 mm (24") triple grouser

	Lift-point radius										At max. Reach		
Lift-point	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (4.5 m (14.8 ft)		19.7 ft)	7.5 m (24.6 ft)		Capacity		Reach
height m (ft)		=						=			· ·		m (ft)
9.0 m kg (29.5 ft) lb			*7,900 *17,420	*7,900 *17,420							*6,590 *14,530	*6,590 *14,530	3.32 (10.9)
7.5 m kg (24.6 ft) lb			*7,890 *17,390	*7,890 *17,390	*6,450 *14,220	*6,450 *14,220					*4,880 *10,760	*4,880 *10,760	5.55 (18.2)
6.0 m kg			*7,600 *16,760	*7,600 *16,760	*6,570 *14,480	*6,570 *14,480	*5,250 *11,570	*5,250 *11,570			*4,360 *9,610	*4,360 *9,610	6.78 (22.2)
4.5 m kg (14.8 ft) lb			*11,890 *26,210	*11,890 *26,210	*7,440 *16,400	*7,440 *16,400	*5,490 *12,100	*5,490 *12,100	*4,350 *9,590	3,940 8,690	*4,200 *9,260	3,930 8,660	7.51 (24.6)
3.0 m kg (9.8 ft) lb					*9,080 *20,020	8,270 18,230	*6,040 *13,320	5,410 11,930	*4,580 *10,100	3,870 8,530	*4,230 *9,330	3,560 7,850	7.90 (25.9)
1.5 m kg (4.9 ft) lb					*9,310 *20,530	7,750 17,090	*6,750 *14,880	5,170 11,400	*4,790 *10,560	3,760 8,290	*4,420 *9,740	3,440 7,580	7.98 (26.2)
Ground kg Line lb					*8,590 *18,940	7,520 16,580	*6,470 *14,260	5,010 11,050	*4,760 *10,490	3,700 8,160	*4,340 *9,570	3,520 7,760	7.78 (25.5)
-1.5 m kg (-4.9 ft) lb			*7,720 *17,020	*7,720 *17,020	*7,080 *15,610	*7,080 *15,610	*5,440 *11,990	4,970 10,960			*3,730 *8,220	*3,730 *8,220	7.27 (23.8)
-3.0 m kg (-9.8 ft) lb					*4,700 *10,360	*4,700 *10,360	*3,300 *7,280	*3,300 *7,280					

Boom: 5.65 m (18' 6") / Arm 2.92 m (9' 7") / Shoe: 600 mm (24") triple grouser

		Lift-point radius										At max. Reach		
Lift-point		1.5 m	(4.9 ft)	3.0 m (9.8 ft)		4.5 m (4.5 m (14.8 ft)		19.7 ft)	7.5 m (24.6 ft)		Capacity		Reach
height m (ft)			=		=		=							m (ft)
9.0 m (29.5 ft)	kg Ib			*6,690 *14,750	*6,690 *14,750							*3,930 *8,660	*3,930 *8,660	4.40 (14.4)
7.5 m (24.6 ft)	kg Ib			*6,080 *13,400	*6,080 *13,400	*5,960 *13,140	*5,960 *13,140	*4,360 *9,610	*4,360 *9,610			*3,130 *6,900	*3,130 *6,900	6.25 (20.5)
6.0 m (19.7 ft)	kg Ib			*5,760 *12,700	*5,760 *12,700	*6,100 *13,450	*6,100 *13,450	*4,900 *10,800	*4,900 *10,800			*2,830 *6,240	*2,830 *6,240	7.36 (24.1)
4.5 m (14.8 ft)	kg Ib			*9,130 *20,130	*9,130 *20,130	*6,830 *15,060	*6,830 *15,060	*5,160 *11,380	*5,160 *11,380	*4,170 *9,190	3,990 8,800	*2,730 *6,020	*2,730 *6,020	8.04 (26.4)
3.0 m (9.8 ft)	kg Ib					*8,480 *18,700	8,420 18,560	*5,690 *12,540	5,450 12,020	*4,330 *9,550	3,880 8,550	*2,750 *6,060	*2,750 *6,060	8.40 (27.6)
1.5 m (4.9 ft)	kg Ib					*9,250 *20,390	7,830 17,260	*6,400 *14,110	5,180 11,420	*4,580 *10,100	3,740 8,250	*2,870 *6,330	*2,870 *6,330	8.48 (27.8)
Ground Line	kg Ib			*6,080 *13,400	*6,080 *13,400	*8,880 *19,580	7,500 16,530	*6,590 *14,530	4,980 10,980	*4,820 *10,630	3,650 8,050	*3,130 *6,900	*3,130 *6,900	8.29 (27.2)
-1.5 m (-4.9 ft)	kg Ib			*9,500 *20,940	*9,500 *20,940	*7,660 *16,890	7,410 16,340	*5,800 *12,790	4,900 10,800	*4,090 *9,020	3,620 7,980	*3,590 *7,910	3,450 7,610	7.81 (25.6)
-3.0 m (-9.8 ft)	kg Ib			*6,440 *14,200	*6,440 *14,200	*5,610 *12,370	*5,610 *12,370	*4,170 *9,190	*4,170 *9,190			*2,760 *6,080	*2,760 *6,080	6.98 (22.9)

- 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.

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS





0.90 (1.18)



	0.80	
SAE heaped	0.87	
SAE heaped m³ (yd³)	0.92	
	1.34	

♦ 0.85
♠ 1.00
♦ 1.15

	Capacity		Width			Recommendation mm (ft.in)						
	m³ (yd³	3)	mm	(in)	Weight	5,68	5,680 (18' 8") Mono Boom 5,650 (18' 6") 2-Piece Boom					
	SAE heaped	CECE heaped	Without side cutters	With side cutters	kg (lb)	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	
	0.80 (1.05)	0.70 (0.92)	1,000 (39")	1,120 (44")	700 (1,700)	•	•	•	•	•	•	
	0.87 (1.14)	0.75 (0.98)	1,090 (43")	1,210 (48")	805 (1,770)	•	•	•	•	•	•	
	0.92 (1.20)	0.80 (1.05)	1,150 (45")	1,270 (50")	820 (1,810)	•	•	0	•	•	0	
	1.34 (1.75)	1.15 (1.50)	1,550 (61")	1,670 (66")	990 (2,180)	•	-	A	-		A	
*	0.90 (1.18)	0.80 (1.05)	1,095 (43")	-	880 (1,940)	•	•	0	•	•	0	
•	0.85 (1.11)	1.00 (1.31)	1,410 (56")	-	860 (1,900)	•	•	•	•	•	•	
	1.00 (1.31)	0.92 (1.20)	1,290 (51")	-	945 (2,080)	•	0	0	•	•	0	
•	1.15 (1.50)	0.75 (0.98)	1,140 (45")	-	1,030 (2,270)	0			0			

- 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
- O 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 kg/m³ (2,000 lbf/yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.

5.68 m (18'8") Mono, 5.65 m (18'6") 2 Piece Booms and 2.0 m (6'7"), 2.4 m (7'10"), 2.92 m (9'7") Arms are available.

DIGGING FO	RCE						
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10"	2,920 (9' 7")	Remark	
AIIII	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	Neman	
		kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]		
	SAE	kgf	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]		
Bucket Digging		lbf	lbf 29,980 [32,550]		29,980 [32,550]	1	
Force	ISO	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	
			kgf	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	
		lbf	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	[], Dower Boost	
		kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	[]: Power Boost	
	SAE	kgf	14,700 [15,960]	12,200 [13,250]	10,400 [11,290]		
Arm Crowd		lbf	32,410 [35,190]	26,900 [29,210]	22,930 [24,900]		
Force		kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]		
	ISO kgf 15,400 [16,720]		15,400 [16,720]	12,800 [13,900]	10,900 [11,830]		
		lbf	33,950 [36,860]	28,220 [30,640]	24,030 [26,090]		

Note: Arm weight includes bucket cylinder, linkage, and pin

STANDARD/OPTIONAL EQUIPMENT

ENGINE	SID
CUMMINS B6.7 Engine	•
HYDRAULIC SYSTEM	STD
INTELLIGENT POWER CONTROL (IPC)	
3-power mode, 2-work mode, user mode	•
Variable Power Control	•
Electrical Pump Flow Control (EPFC)	•
Attachment Mode Flow Control	•
Engine Auto Idle	•
Engine Auto Shutdown Control	•
Electronic Fan Control	•
HD Hyundai Bio Hydraulic Oil (HBHO)	

CABIN & INTERIOR	STL
ISO STANDARD CABIN	
Rise-up type windshield wiper	•
Radio/USB player	•
Handsfree mobile phone system with USB	•
12 volt power outlet (24V DC to 12V DC converter)	•
Electric horn	•
All-weather steel cab with 360° visibility	•
Safety glass - Tempered glass	•
Safety glass - Tempered glass with front laminated glass Sliding fold-in front window	
Sliding side window (LH)	
Lockable door	
Storage compartment & Ashtray	-
Transparent cabin roof-cover	-
Sun visor	
Door and cab locks, one key	
Pilot-operated slidable joystick	-
Console box height adjust system	
AUTOMATIC CLIMATE CONTROL	
Air conditioner & heater	-
Defroster Children Ch	
Starting aid (air grid heater) for cold weather	
CENTRALIZED MONITORING	
8" LCD display	
LED room lamp	•
Engine speed or trip meter/accel.	
Engine coolant temperature gauge	•
Max power	
Low speed/High speed	-
Auto idle	
Overload warning with alarm	
Check engine	•
Air cleaner clogging	•
Indicators	•
ECO gauges	•
Fuel level gauge	•
Hyd. oil temperature gauge	•
Fuel warmer	•
Warnings	•
Communication error	•
Low battery	•
Clock	•
Cabin lights	
Cabin front window rain guard	
Cabin roof-plexi type	•
SEAT	
Adjustable air suspension seat with heater	•
Mechanical suspension seat with heater	
CABIN FOPS (ISO 10262) LEVEL 2	
FOPS (Falling Object Protective Structure) ISO 10262 Level 2	•
CABIN ROPS (ISO 12117-2)	
ROPS (Roll Over Protective Structure)	•

SAFETY	STD
Lifting Mode	•
Battery master switch	•
Rearview camera	•
AAVM (Advanced Around View Monitoring)	
Four front working lights (2 boom mounted, 2 front frame mounted)	•
Travel alarm	•
Rear work lamp (Halogen or LED)	
Beacon lamp (Halogen or LED)	
Electronic swing parking brake control	•
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	
Two outside rearview mirrors	•

OTHER	STD
BOOMS	
5.68 m mono, 18' 8"	•
5.65 m 2-piece, 18' 6"	
ARMS	•
2.0 m, 6' 7"	
2.4 m, 7' 10"	
2.92 m, 9' 7"	•
Removable clean-out dust net for cooler	•
Removable reservoir tank	•
Fuel warmer	•
Self-diagnostics system	•
Hi MATE (Remote Management System) 5 years	•
Batteries (2 x 12V x 100 AH)	•
Fuel filler pump with auto stop function (50 L/min)	
Single-acting piping kit (breaker, etc.)	
Double-acting piping kit (clamshell, etc.)	
Rotating Piping Kit	
Air Compressor	
Engine coolant heater	
LED lamp	
Smart button key	
Electrical proportional Switch on RCV	
Quick coupler piping	
Quick coupler	
Engcon Tiltrotator	
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 under cover (Additional)	
Lower frame under cover (Normal)	•
TRACK SHOES	
Triple grouser shoes 600 mm (1' 12")	•
Triple grouser shoes 700 mm (2' 4")	
Triple grouser shoes 800 mm (2' 7")	
Track rail guard	•
Dozer blade	

- * Standard and optional equipment may vary. Contact your HD Hyundai dealer for more information. The machine may vary according to International standards.
- * The photos may include attachments and optional equipment that are not available in your area.
- * Materials and specifications are subject to change without advance notice.
- * All imperial measurements rounded off to the nearest pound or inch.





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

READY TO CHANGE YOUR WORLD?

Contact your HD Hyundai dealer.

