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PLEASE CONTACT

2024. FEB

HX160A L HX180A L

With EU Stage V Engine Installed

* Photo may include optional equipment.



Gross Power
115 kW (155 HP) at 2,200 rpm

Net Power
113 kW (152 HP) at 2,200 rpm

Bucket Capacity
0.73 ~ 0.96m³

Operating Weight
X160A L : 17,695kg (39,010lb)
HX180A L : 18,665kg (41,150lb)



WHAT'S NEWEST AND BEST

HX160A L
HX180A L

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine **NEW**
- Eco Report **NEW**
- Lifting Mode **NEW**
- IPC(Intelligent Power Control) **Upgrade**
- Fuel Rate Information
- Eco Gauge
- Automatic Engine Shutdown

NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

- Side Protector **Option**
- ROPS Cabin
- FOG Cabin **Option**
- Reinforced Durability of Upper and Lower Structure and Attachments
- Durable Cooling Module
- High-grade (High-pressure) Hoses

EASY CONTROL AND COMFORTABLE OPERATION

- Key On Init Work Mode **NEW**
- Visibility and Handle Improvement **NEW**
- One Pedal Travel Straight **Option**
- Proportional Auxiliary Hydraulic System **Option**
- 2 Way Proportional RCV & Pedal Control Selection **Option**
- Fine(Cushion/Free) Swing Control **Option**
- Intelligent & Wide Cluster
- Jog Dial Module
- OME(Owner Menu Editing)
- Boom/Arm Speed

THE ULTIMATE SAFE ENVIRONMENT

- Auto Safety Lock **NEW**
- AAVM Camera System **Option**
- Mirror View Camera **Option**
- Seatbelt Warning Alarm
- Cabin Viscous Mount
- Emergency Engine Stop Switch

SERVICEABILITY AND TELEMATICS

- Hi MATE **Option**
- ECD(Engine Connected Diagnostics) **NEW**
- Mobile Fleet App.
- HCE-DT Air **NEW**
- Longer Lasting Filter
- Improved Routine Maintenance



* Photo may include optional equipment.

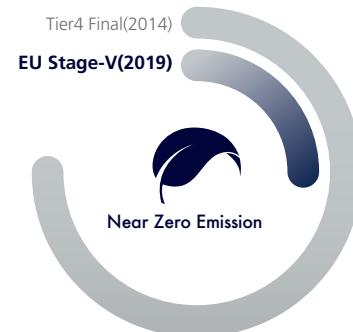


EU STAGE V CERTIFIED ENGINE

Cummins B4.5 engine is satisfying the most strict environmental emission regulation in the world (Reduction in PM 60%)

EU STAGE V Engine **NEW**

Now in its fourth decade of continuous improvement, the B4.5 for 2019 features an EGR-free design that delivers 13 percent more power and 27 percent more peak torque than the current model. Increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.



Lifting Mode **NEW**

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

IPC(Intelligent Power Control) **Upgrade**

HX A Series adopts the upgraded IPC system. It is able to optimize pump flow rate and power at the various working condition through the individual pump control. Furthermore, optimized design of MCV and pipe line minimizes energy loss such as conflux and throttle loss.



ENVIRONMENTALLY FRIENDLY FUEL EFFICIENCY

Eco Report **NEW**

It reports the excavator's inefficient operation status and help improving operator's working habit.



Fuel Rate Information

Fuel information is displayed as average rate and latest fuel consumed for guiding to economy operating.



Eco Gauge

Gauge level changes in accordance with engine working load and color indicates fuel saving-operation status.



Automatic Engine Shutdown

Adjustable 'Automatic Engine Shutdown' significantly reduces idle time, overall operating hours and fuel consumption.



THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

HX A Series is equipped with eco-friendly, high-performance engines that meet the EU Stage V emission requirements.

BETTER FUEL-EFFICIENCY

(Compared to HX Series at P mode)

Leveling 5%

Truck loading 5%



* Photo may include optional equipment.



NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

The true value of HX A Series lies in its durability and high productivity.
The robust upper and lower frame structure can endure external shock and heavy work loads.
Attachment performance has been proven through rigorous field testing. No matter how tough
the working environment is, you can always rely on the HYUNDAI Excavator HX A Series.



Photo may include optional equipment.



**We make the best performance
in rough working conditions
without any unsureness with
trustworthy HX160/180A L.**

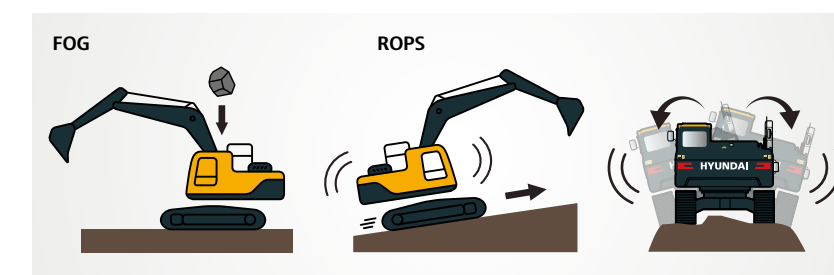


HX A Series is equipment with eco-friendly,
high-performance engines that meet the EU Stage V emission requirement.
Become a true leader on the ground with HX A Series.

ROPS / FOG Cabin

The cabin structure of Hyundai HX A Series is using integrally welded low-stress,
high strength steel to meet ROPS and FOG certification.

- **ROPS** : Roll-Over Protective Structures ISO12117-2
- **FOG** : Falling Object Guard, ISO10262 Level2 **Option**



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX A Series have higher du-
rability than demanded on the site, as proven through numerous tests including
road tests and virtual simulation. The wear resistance of the bucket has been
improved by use of new material.



Durable Cooling Module

HX A Series has a durable cooling
module that passed stringent tests,
demonstrating the highest productivi-
ty in tough working environments.



Side Protector **Option**

Protect sides frame during operation
in narrow area



Hi-grade (High-pressure) Hoses

The HX A Series uses high-pressure hoses with improved heat and pressure resi-
standce, greatly increasing the durability of the equipment.

13%

CABIN SPACE FOR DRIVERS
INCREASED BY



310mm
340mm



EASY CONTROL AND COMFORTABLE OPERATION

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE's intensive information technology development, enables both productivity and comfort while working! HX A Series is designed with the operator in mind.

Intelligent & Wide Cluster

The 8" capacitive-type display(like smart-phone display) of HX A Series is delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin.

One Pedal Travel Straight Option

One pedal straight travel is available for customers' convenience when long distance traveling or combination of attachment work with traveling is necessary.



Proportional Auxiliary Hydraulic System Option

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming work. And this function can be switched with pedal valve in cluster setting menu. Newly added detent function allows an operator to continue using 2 way piping flow even if the operator does not keep pressing proportional control switch.

Jog Dial Module

The integrated jog dial module applies to the accelerator, remote air conditioner controller and operation of the cluster, allowing convenient operation. In the event of failure of the jog dial module, the emergency mode is activated on the cluster to ensure fail-safe function.



Key On Init Work Mode NEW

Operator can maintain previously set about attachment mode when starting.



Visibility and Handle Improvement NEW

Visibility through cabin door is improved and handle design on the cabin door is also improved and offers better convenient while operator get on and off the cabin.



Fine (Cushion/Free) Swing control Option

This option enables smooth movement at the start and stop of swing operation(Cushion Swing). In addition, it reduces the shaking of the weight when lifting operation(Free Swing).

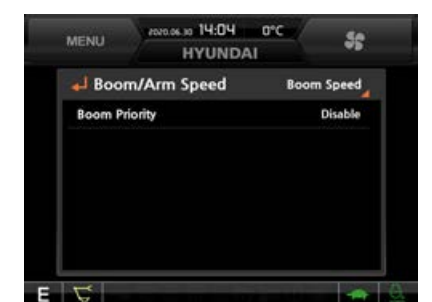
OME(Owner Menu Editing)

The Owner of machine can restrict operators access the set of functions. In the menu. Owner can set the list of the function to lock or unlock it. It is necessary to input the password to access the set of function.



Boom/Arm Speed

Boom-up speed compared to swing speed can be adjusted by activating/deactivating boom priority function. Arm-in speed can be also tuned by activating/deactivating arm regeneration function.

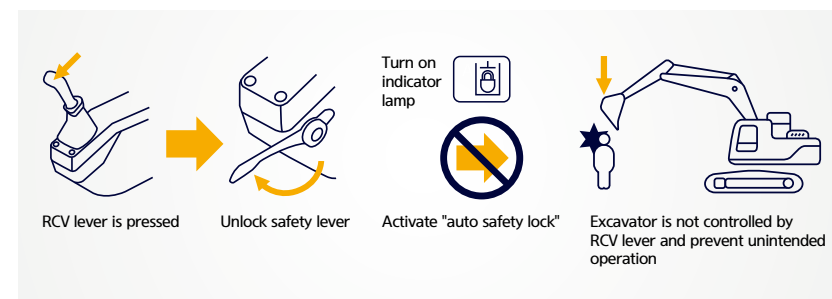


// HX160/180A L with advanced technology ensures our safety on a construction site. //

HX A Series excavators are products of HCE's spirit of initiative, creativity, and strong drive. HCE engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX A Series reflects customers' needs in the field gleaned by thorough monitoring.

Auto Safety Lock **NEW**

It prevents unintended operation. If operator unlock safety lever when RCV lever is pressed, excavator is not controlled by RCV lever.



AAVM(Advanced Around View Monitoring) Camera System **Option**

HX A Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear and to the right and left.

- **AAVM**(Advanced Around View Monitoring) : Secure field of vision in all directions by ten views including 3D bird's eye view and 2D/4CH view.
- **IMOD**(Intelligent Moving Object Detection) : Inform when people or dangerous objects are detected within the range of operation(recognition distance : 5 m).



Mirror View Camera **Option**

Simple type mirror view with rear view camera option is available. This option helps the operator cover visual blind spot on the right side.



Seatbelt Warning Alarm

If the seatbelt is not buckled when the ignition key is turned, an alarm is triggered in intervals along with a continuous visual alert. This emphasises our priority for operator safety.

Cabin Viscous Mount

With a low-vibration design by the coil spring and damper inside the mount, the cabin viscous mount of HX A Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.

Emergency Engine Stop Switch

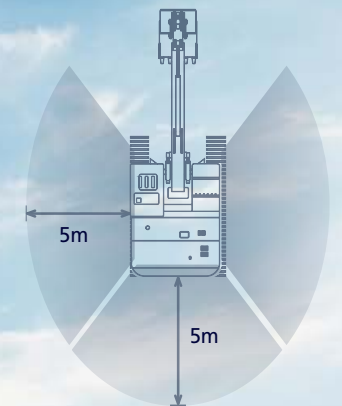
Manual engine stop switch behind the seat is used for emergency stop. It can be reached from outside of cabin.



THE ULTIMATE SAFE ENVIRONMENT

The true value of HX A Series lies in its durability.

The robust frame structure and the attachments show the real value of HX A Series in tough working environments and promise higher productivity.



AAVM Camera System **Option**



*Photo may include optional equipment.



SERVICEABILITY AND TELEMATICS

IoT / ICT / AI-based digital technology.
Creating a smart construction site. Maximizes connectivity,
productivity, and safety for successful businesses.



*Photo may include optional equipment.

Hi MATE

Option

IT'S CONVENIENT, EASY AND VALUABLE

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

WHAT IS BENEFITS



Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

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



Security

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

ECD(Engine Connected Diagnostics) **Option**

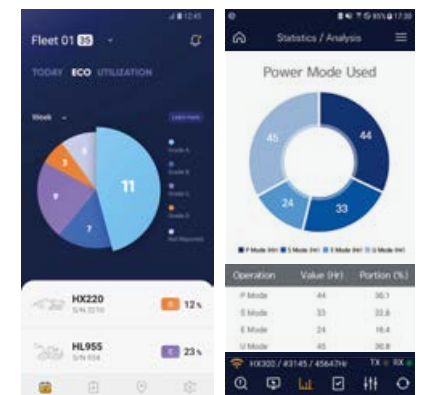
ECD will support the after sales technicians and dealers with a diagnostics report (via e-mail, mobile, app or Hi MATE) on the engine performance. This will help after sales technicians arrive on site with the necessary tools and parts to fix troubles in one visit.

ECD is an integrated remote diagnostics service between Cummins cloud and Hi MATE cloud.



Mobile Fleet App. **Option**

The new Mobile App is optimized to fleet management. It provides productivity, health insights based on telematics technology and enables fleet owner just focus on most wanted equipment in view of economical usage, utilization, fault codes and maintenance. The new Mobile App sorts equipment in order of eco-index, utilization-index and fault code level automatically so that urgent equipment pops up automatically.



Hi MATE Fleet App HCE-DT Air App

HCE-DT Air **NEW**

HCE-DT Air connects you and your equipment wirelessly via smartphone and laptop right on site. You can diagnose root causes and troubleshoot for fault codes through the connection.

Longer Lasting Filter

The length of product life period is improved. (when using CK4 engine oil)

Item	HX160/180L	HX160/180A L
Engine Oil	500 hrs	800 hrs
Engine Oil Filter	500 hrs	800 hrs
Fuel filter & Pre-filter	500 hrs	1000 hrs

Improved Routine Maintenance

Easy access for maintenance means regular checks get done faster, giving you more uptime and reducing operating costs. Ground-line access to filters, lube fittings and master switch makes service more convenient on HX A Series.

SPECIFICATIONS

ENGINE	
Maker / Model	Cummins B4.5
Type	4-cycle, turbocharged, charge air cooled, electronic
Gross Power (SAE J1995)	115 kW (155 HP) at 2,200 rpm
Net Power (SAE J1349)	113 kW (152 HP) at 2,200 rpm
Max. Power	115 kW (155 hp) at 2,000 rpm
Peak Torque	712 N · m (525 lb · ft) at 1,200 rpm
Displacement	4.5 ℓ (275 cu in)

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. Flow	2 × 160 lpm (42.3 U.S. gpm)
PILOT PUMP	
Type	Fixed displacement gear pump single stage
Max. Flow	29 lpm (7.7 U.S. gpm)

HYDRAULIC MOTORS	
Travel	Variable displacement axial piston motor
Swing	Fixed displacement 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 (5,410 psi)
Swing Circuit	285 kgf/cm² (4,060 psi)
Pilot Circuit	40 kgf/cm² (569 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS	
No. of Cylinder Bore X Stroke	Boom : 2-Ø115 × 1,090 mm
	Arm :1-Ø120 × 1,355 mm
	Bucket : 1-Ø110 × 995 mm
	Blade : 2-Ø110 × 320 mm
	2PCS 1st : 2-Ø110 × 995 mm
	2nd : 1-Ø160 × 650 mm

* Hyundai Bio Hydraulic Oil (HBHO) available.

DRIVES & BRAKES	
Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	16,700 kgf (36,820 lbf)
Max. Travel Speed (High / Low)	3.1 km/hr (1.9 mph) / 5.4 km/hr (3.4 mph)
Gradeability	35° (70%)
Parking Brake	Multi wet disc

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

SWING SYSTEM	
Swing Motor	Fixed displacement axial piston motor
Swing Reduction	Planetary reduction gear
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	10.3 rpm

SERVICE CAPACITIES		
	liter	US gal
Fuel Tank	290	76.6
Engine Coolant	23	6.1
Engine Oil	11	2.9
Swing Device	6.2	1.6
Final Drive (Each)	6	1.6
Hydraulic System (Including Tank)	255	67.4
Hydraulic Tank	125	33.0
Def/Adblue®	35	9.2

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 grouser shoes.	

Center Frame	X - Leg Type	
Track Frame	Pentagonal Box Type	
	HX160A L	HX180A L
No. of Shoes on Each Side	49	51
No. of Carrier Roller	2 x 2	2 x 2
No. of Track Roller	2 x 7	2 x 7
No. of Rail Guard	2 x 1	2 x 1

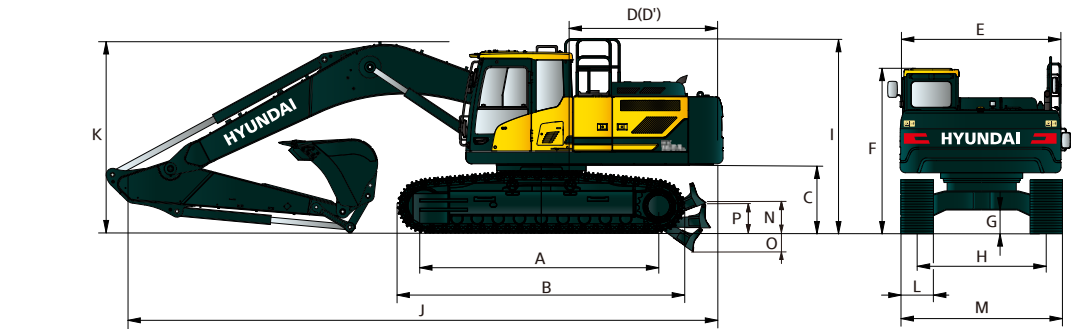
OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 5,100 mm (16' 9") boom, 2,600 mm (8' 6") arm, SAE heaped 0.73 m³ (0.95 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.	

Shoes		Operating Weight		Ground Pressure
Type	Width mm(in)	kg (lb)		kgf/cm² (psi)
Triple Grouser	500 (20")	HX160A L	17,455 (38,480)	0.51 (7.24)
		HX160A L Dozer	18,540 (40,870)	0.54 (7.69)
		HX180A L	18,140 (39,990)	0.50 (7.13)
		HX180A L Dozer	19,235 (42,410)	0.53 (7.56)
	600 (24")	HX160A L	17,695 (39,010)	0.43 (6.12)
		HX160A L Dozer	18,775 (41,390)	0.46 (6.49)
		HX180A L	18,400 (40,570)	0.42 (6.03)
		HX180A L Dozer	19,505 (43,000)	0.45 (6.39)
	700 (28")	HX160A L	17,945 (39,560)	0.37 (5.32)
		HX160A L Dozer	19,050 (42,000)	0.40 (5.64)
		HX180A L	18,665 (41,150)	0.37 (5.24)
		HX180A L Dozer	19,780 (43,610)	0.39 (5.55)
	800 (32")	HX180A L	18,920 (41,710)	0.33 (4.65)
		HX180A L Dozer	19,985 (44,060)	0.35 (4.91)

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 hold 0.75kg refrigerant consisting of a CO 2 of 1.07 metric tonnes. For more information, Please refer to the manual.	

DIMENSIONS & WORKING RANGE

HX160A L / HX180A L MONO BOOM DIMENSIONS	
5.10 m (16' 9") BOOM and 2.20 m (7' 3"), 2.60 m (8' 6"), 3.10 m (10' 2") ARM	



Unit : mm (ft.-in)

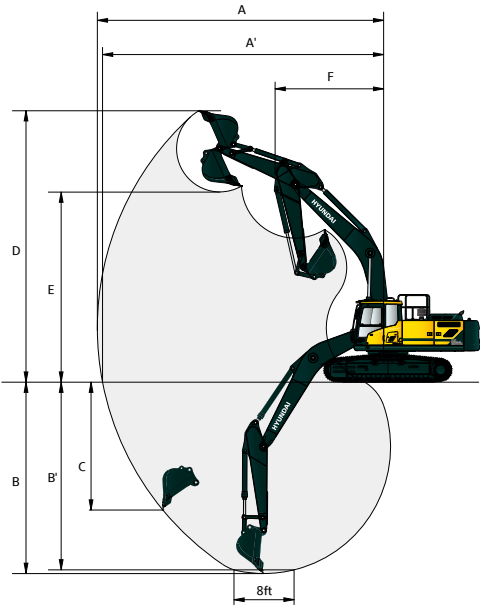
	HX160A L	HX180A L
A Tumbler Distance	3,170 (10' 5")	3,360 (11' 0")
B Overall Length of Crawler	3,910 (12' 10")	4,100 (13' 5")
*C Ground Clearance of Counter Weight	1,060 (3' 6")	1,060 (3' 6")
D Tail Swing Radius	2,490 (8' 2")	2,490 (8' 2")
D' Rear-End Length	2,490 (8' 2")	2,490 (8' 2")
E Overall Width of Upper Structure	2,475 (8' 1")	2,475 (8' 1")
*F Overall Height of Cab	2,980 (9' 9")	2,980 (9' 9")
*G Min. Ground Clearance	460 (1' 6")	460 (1' 6")
H Track gauge	1,990 (6' 6")	2,250 (7' 5")
*I Overall Height of Guardrail	3,250 (10' 8")	3,250 (10' 8")

* This figure includes the size of grousers.
**With dozer blade option

Boom Length		5,100 (16' 9")			
Arm Length		2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")	
J Overall Length		8,660 (28' 5")	8,650 (28' 5")	8,670 (28' 5")	
*K Overall Height of Boom		3,040 (10' 0")	3,030 (9' 11")	3,195 (10' 6")	
L Track Shoe		500 (20")	600 (24")	700 (28")	800 (32")
M Overall Width	HX 160A L	2,490 (8' 2")	2,590 (8' 6")	2,690 (8' 10")	-
	HX 180A L	2,750 (9' 0")	2,850 (9' 4")	2,950 (9' 8")	3,050 (10' 0")
N** Ground clearance of blade up		615 (2' 0")			
O** Depth of blade down		670 (2' 2")			
P** Height of blade		640 (2' 1")			

HX160A L / HX180A L MONO BOOM WORKING RANGE	
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Unit : mm (ft.-in)



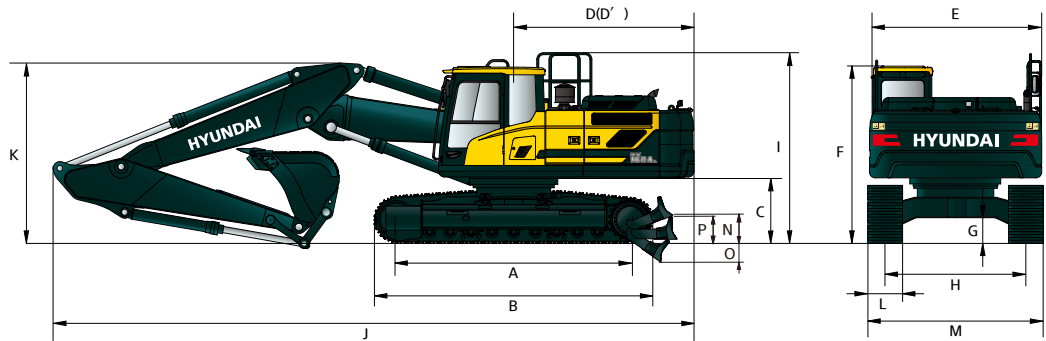
Boom Length		5,100 (16' 9")		
Arm Length		2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")
A Max. Digging Reach		8,690 (28' 6")	9,020 (29' 7")	9,450 (31' 0")
A' Max. Digging Reach on Ground		8,530 (28' 0")	8,860 (29' 1")	9,300 (30' 6")
B Max. Digging Depth		5,630 (18' 6")	6,030 (19' 9")	6,530 (21' 5")
B' Max. Digging Depth (8' Level)		5,410 (17' 9")	5,825 (19' 1")	6,340 (20' 10")
C Max. Vertical Wall Digging Depth *		3,410 (11' 2")	3,600 (11' 10")	3,845 (12' 7")
D Max. Digging Height		8,670 (28' 5")	8,750 (28' 8")	8,880 (29' 2")
E Max. Dumping Height		6,140 (20' 2")	6,250 (20' 6")	6,410 (21' 0")
F Min. Swing Radius		3,180 (10' 5")	3,170 (10' 5")	3,160 (10' 4")

* This demension varies with kinds of buckets.

DIMENSIONS & WORKING RANGE

HX160A L / HX180A L 2-PIECE BOOM DIMENSIONS

5.10 m (16' 9") BOOM and 2.20 m (7' 3"), 2.60 m (8' 6") ARM



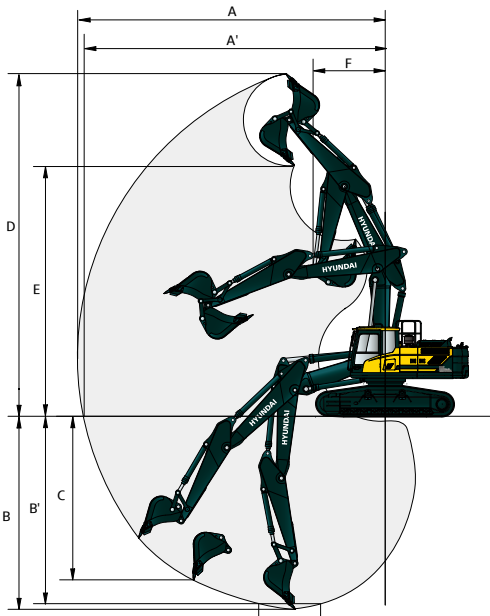
Unit : mm (ft-in)

	HX160A L	HX180A L
A Tumbler Distance	3,170 (10' 5")	3,360 (11' 0")
B Overall Length of Crawler	3,910 (12' 10")	4,100 (13' 5")
*C Ground Clearance of Counter Weight	1,060 (3' 6")	1,060 (3' 6")
D Tail Swing Radius	2,490 (8' 2")	2,490 (8' 2")
D' Rear-End Length	2,490 (8' 2")	2,490 (8' 2")
E Overall Width of Upper Structure	2,475 (8' 1")	2,475 (8' 1")
*F Overall Height of Cab	2,980 (9' 9")	2,980 (9' 9")
*G Min. Ground Clearance	460 (1' 6")	460 (1' 6")
H Track gauge	1,990 (6' 6")	2,250 (7' 5")
*I Overall Height of Guardrail	3,250 (10' 8")	3,250 (10' 8")

* This figure includes the size of grouzers.
**With dozer blade option

Boom Length		5,100 (16' 9")				
Arm Length		2,200 (7' 3")		2,600 (8' 6")		
J	Overall Length	8,585 (28' 2")		8,575 (28' 2")		
*K	Overall Height of Boom	3,035 (9' 11")		3,060 (10' 0")		
L	Track Shoe	500 (20")	600 (24")	700 (28")	800 (32")	
M	Overall Width	HX 160A L	2,490 (8' 2")	2,590 (8' 6")	2,690 (8' 10")	-
		HX 180A L	2,750 (9' 0")	2,850 (9' 4")	2,950 (9' 8")	3,050 (10' 0")
N**	Ground clearance of blade up	615 (2' 0")				
O**	Depth of blade down	670 (2' 2")				
P**	Height of blade	640 (2' 1")				

HX160A L / HX180A L 2-PIECE BOOM WORKING RANGE



Unit : mm (ft-in)

Boom Length		5,100 (16' 9")			
Arm Length		2,200 (7' 3")		2,600 (8' 6")	
A Max. Digging Reach		8,760 (28' 9")		9,110 (29' 11")	
A' Max. Digging Reach on Ground		8,600 (28' 3")		8,955 (29' 5")	
B Max. Digging Depth		5,305 (17' 5")		5,690 (18' 8")	
B' Max. Digging Depth (8' Level)		5,200 (17' 1")		5,590 (18' 4")	
C Max. Vertical Wall Digging Depth *		3,520 (11' 7")		3,790 (12' 5")	
D Max. Digging Height		9,380 (30' 9")		9,560 (31' 4")	
E Max. Dumping Height		6,720 (22' 1")		6,920 (22' 8")	
F Min. Swing Radius		3,090 (10' 2")		2,970 (9' 9")	

* This demension varies with kinds of buckets.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX160A L MONO BOOM

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,600kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	3,340 7,360	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	5,000 11,020	*4,750 *10,470	3,200 7,050	*3,630 *8,000	2,630 5,800	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	4,670 10,300	4,990 11,000	3,070 6,770	*3,650 *8,050	2,310 5,090	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					7,500 16,530	4,360 9,610	4,840 10,670	2,940 6,480	3,600 7,940	2,200 4,850	7.33 (24.0)
0.0m (0.0ft)	kg lb					7,310 16,120	4,200 9,260	4,730 10,430	2,840 6,260	3,700 8,160	2,250 4,960	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	7,730 17,040	7,270 16,030	4,170 9,190	4,710 10,380	2,820 6,220	4,150 9,150	2,510 5,530	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	7,900 17,420	*6,720 *14,820	4,250 9,370			*4,980 *10,980	3,200 7,050	5.58 (18.3)

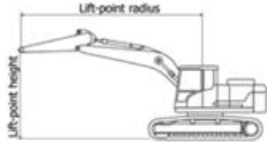
5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,600 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer up.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	3,530 7,780	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	5,270 11,620	*4,750 *10,470	3,380 7,450	*3,630 *8,000	2,790 6,150	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	4,940 10,890	4,950 10,910	3,260 7,190	*3,650 *8,050	2,460 5,420	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					7,430 16,380	4,630 10,210	4,790 10,560	3,120 6,880	3,570 7,870	2,350 5,180	7.33 (24.0)
0.0m (0.0ft)	kg lb					7,240 15,960	4,460 9,830	4,690 10,340	3,030 6,680	3,670 8,090	2,400 5,290	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	8,200 18,080	7,200 15,870	4,430 9,770	4,670 10,300	3,010 6,640	4,110 9,060	2,680 5,910	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	8,370 18,450	*6,720 *14,820	4,520 9,960			*4,980 *10,980	3,400 7,500	5.58 (18.3)

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,600 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer down.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	3,530 7,780	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	5,270 11,620	*4,750 *10,470	3,380 7,450	*3,630 *8,000	2,790 6,150	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	4,940 10,890	*5,200 *11,460	3,260 7,190	*3,650 *8,050	2,460 5,420	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	4,630 10,210	*5,710 *12,590	3,120 6,880	*3,850 *8,490	2,350 5,180	7.33 (24.0)
0.0m (0.0ft)	kg lb					*8,180 *18,030	4,460 9,830	*5,980 *13,180	3,030 6,680	*4,310 *9,500	2,400 5,290	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	8,200 18,080	*7,910 *17,440	4,430 9,770	*5,770 *12,720	3,010 6,640	*5,030 *11,090	2,680 5,910	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	8,370 18,450	*6,720 *14,820	4,520 9,960			*4,980 *10,980	3,400 7,500	5.58 (18.3)

- 1 | Lifting capacity are 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 degree

HX160A L MONO BOOM











5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250 kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	3,690 8,140	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	3,530 7,780	*3,630 *8,000	2,920 6,440	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	5,160 11,380	*5,200 *11,460	3,410 7,520	*3,650 *8,050	2,580 5,690	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	4,840 10,670	5,270 11,620	3,270 7,210	*3,850 *8,490	2,470 5,450	7.33 (24.0)
0.0m (0.0ft)	kg lb					7,960 17,550	4,680 10,320	5,160 11,380	3,180 7,010	4,050 8,930	2,530 5,580	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	8,590 18,940	*7,910 *17,440	4,650 10,250	5,140 11,330	3,160 6,970	4,530 9,990	2,810 6,190	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	8,760 19,310	*6,720 *14,820	4,740 10,450			*4,980 *10,980	3,570 7,870	5.58 (18.3)

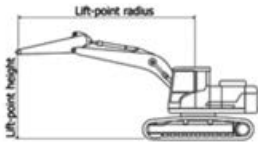
5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer up.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	*3,850 *8,490	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	3,720 8,200	*3,630 *8,000	3,080 6,790	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	5,420 11,950	*5,200 *11,460	3,600 7,940	*3,650 *8,050	2,730 6,020	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	5,110 11,270	5,230 11,530	3,460 7,630	*3,850 *8,490	2,610 5,750	7.33 (24.0)
0.0m (0.0ft)	kg lb					7,890 17,390	4,950 10,910	5,120 11,290	3,360 7,410	4,010 8,840	2,680 5,910	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	9,060 19,970	7,860 17,330	4,920 10,850	5,100 11,240	3,340 7,360	4,490 9,900	2,980 6,570	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	9,230 20,350	*6,720 *14,820	5,000 11,020			*4,980 *10,980	3,770 8,310	5.58 (18.3)

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer down.

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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	*3,850 *8,490	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	3,720 8,200	*3,630 *8,000	3,080 6,790	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	5,420 11,950	*5,200 *11,460	3,600 7,940	*3,650 *8,050	2,730 6,020	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	5,110 11,270	*5,710 *12,590	3,460 7,630	*3,850 *8,490	2,610 5,750	7.33 (24.0)
0.0m (0.0ft)	kg lb					*8,180 *18,030	4,950 10,910	*5,980 *13,180	3,360 7,410	*4,310 *9,500	2,680 5,910	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	9,060 19,970	*7,910 *17,440	4,920 10,850	*5,770 *12,720	3,340 7,360	*5,030 *11,090	2,980 6,570	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	9,230 20,350	*6,720 *14,820	5,000 11,020			*4,980 *10,980	3,770 8,310	5.58 (18.3)













- 1 | Lifting capacity are 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.















 Rating over-front  Rating over-side or 360 degree

HX160A L MONO BOOM













5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,600kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	3,280 7,230			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	3,230 7,120			*2,850 *6,280	2,430 5,360	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	8,720 19,220	*6,120 *13,490	4,740 10,450	*4,940 *10,890	3,090 6,810	*3,110 *6,860	2,170 4,780	*2,880 *6,350	2,150 4,740	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	4,390 9,680	4,840 10,670	2,940 6,480	3,470 7,650	2,120 4,670	*3,060 *6,750	2,050 4,520	7.66 (25.1)
0.0m (0.0ft)	kg lb			*5,290 *11,660	*5,290 *11,660	7,300 16,090	4,190 9,240	4,720 10,410	2,820 6,220			*3,420 *7,540	2,080 4,590	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	7,630 16,820	7,230 15,940	4,120 9,080	4,670 10,300	2,780 6,130			3,800 8,380	2,290 5,050	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	7,770 17,130	*7,120 *15,700	4,180 9,220	4,740 10,450	2,840 6,260			4,720 10,410	2,830 6,240	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

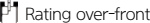
5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,600 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	3,460 7,630			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	3,410 7,520			*2,850 *6,280	2,580 5,690	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	9,190 20,260	*6,120 *13,490	5,000 11,020	*4,940 *10,890	3,280 7,230	*3,110 *6,860	2,310 5,090	*2,880 *6,350	2,290 5,050	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	4,660 10,270	4,800 10,580	3,120 6,880	3,430 7,560	2,260 4,980	*3,060 *6,750	2,190 4,830	7.66 (25.1)
0.0m (0.0ft)	kg lb			*5,290 *11,660	*5,290 *11,660	7,230 15,940	4,450 9,810	4,670 10,300	3,010 6,640			3,410 7,520	2,230 4,920	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	8,100 17,860	7,160 15,790	4,390 9,680	4,620 10,190	2,960 6,530			3,760 8,290	2,450 5,400	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	8,240 18,170	*7,120 *15,700	4,440 9,790	4,690 10,340	3,030 6,680			4,680 10,320	3,020 6,660	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,600 kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer down.













Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	3,460 7,630			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	3,410 7,520			*2,850 *6,280	2,580 5,690	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	9,190 20,260	*6,120 *13,490	5,000 11,020	*4,940 *10,890	3,280 7,230	*3,110 *6,860	2,310 5,090	*2,880 *6,350	2,290 5,050	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	4,660 10,270	*5,520 *12,170	3,120 6,880	*4,040 *8,910	2,260 4,980	*3,060 *6,750	2,190 4,830	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	4,450 9,810	*5,900 *13,010	3,010 6,640			*3,420 *7,540	2,230 4,920	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	8,100 17,860	*8,010 *17,660	4,390 9,680	*5,850 *12,900	2,960 6,530			*4,130 *9,110	2,450 5,400	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	8,240 18,170	*7,120 *15,700	4,440 9,790	*4,910 *10,820	3,030 6,680			*4,890 *10,780	3,020 6,660	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

LIFTING CAPACITY















HX160A L MONO BOOM













5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach			
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
														m (ft)	
7.5 m (24.6 ft)	kg														
	lb														
6.0 m (19.7 ft)	kg							*3,840	3,610				*3,410	*3,410	4.85
	lb							*8,470	7,960				*7,520	*7,520	(15.9)
4.5 m (14.8 ft)	kg												*2,970	*2,970	6.27
	lb												*6,550	*6,550	(20.6)
3.0 m (9.8 ft)	kg					*4,870	*4,870	*4,430	3,560				*2,850	2,700	7.10
	lb					*10,740	*10,740	*9,770	7,850				*6,280	5,950	(23.3)
1.5 m (4.9 ft)	kg			*9,370	*9,370	*6,120	5,220	*4,940	3,430	*3,110	2,430		*2,880	2,410	7.54
	lb			*20,660	*20,660	*13,490	11,510	*10,890	7,560	*6,860	5,360		*6,350	5,310	(24.7)
0.0 m (0.0 ft)	kg					*7,380	4,880	5,280	3,270	3,790	2,370		*3,060	2,300	7.66
	lb					*16,270	10,760	11,640	7,210	8,360	5,220		*6,750	5,070	(25.1)
	kg			*5,290	*5,290	7,960	4,670	5,150	3,160				*3,420	2,340	7.47
	lb			*11,660	*11,660	17,550	10,300	11,350	6,970				*7,540	5,160	(24.5)
-1.5 m (-4.9 ft)	kg	*5,090	*5,090	*9,190	8,490	7,880	4,600	5,100	3,110				*4,130	2,570	6.95
	lb	*11,220	*11,220	*20,260	18,720	17,370	10,140	11,240	6,860				*9,110	5,670	(22.8)
-3.0 m (-9.8 ft)	kg	*9,360	*9,360	*10,170	8,630	*7,120	4,660	*4,910	3,180				*4,890	3,170	6.01
	lb	*20,640	*20,640	*22,420	19,030	*15,700	10,270	*10,820	7,010				*10,780	6,990	(19.7)
-4.5 m (-14.8 ft)	kg			*6,860	*6,860								*4,560	*4,560	4.39
	lb			*15,120	*15,120								*10,050	*10,050	(14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	3,800 8,380			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	3,750 8,270			*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	5,490 12,100	*4,940 *10,890	3,610 7,960	*3,110 *6,860	2,570 5,670	*2,880 *6,350	2,550 5,620	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	5,140 11,330	5,230 11,530	3,460 7,630	3,760 8,290	2,510 5,530	*3,060 *6,750	2,440 5,380	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	7,890 17,390	4,940 10,890	5,100 11,240	3,340 7,360			*3,420 *7,540	2,490 5,490	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	8,960 19,750	7,810 17,220	4,870 10,740	5,050 11,130	3,300 7,280			4,120 9,080	2,730 6,020	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	9,100 20,060	*7,120 *15,700	4,930 10,870	*4,910 *10,820	3,360 7,410			*4,890 *10,780	3,350 7,390	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600 mm (24") Triple grouser shoe and with Dozer down.

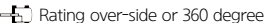
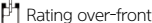
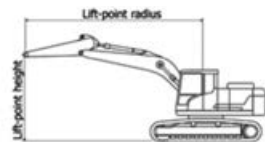
Lift-point height (m/ft)		Lift-point radius										At max. reach			
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
														m (ft)	
7.5 m (24.6 ft)	kg												*3,410	*3,410	4.85
	lb												*7,520	*7,520	(15.9)
6.0 m (19.7 ft)	kg							*3,840	3,800				*2,970	*2,970	6.27
	lb							*8,470	8,380				*6,550	*6,550	(20.6)
4.5 m (14.8 ft)	kg					*4,870	*4,870	*4,430	3,750				*2,850	*2,850	7.10
	lb					*10,740	*10,740	*9,770	8,270				*6,280	*6,280	(23.3)
3.0 m (9.8 ft)	kg			*9,370	*9,370	*6,120	5,490	*4,940	3,610	*3,110	2,570		*2,880	2,550	7.54
	lb			*20,660	*20,660	*13,490	12,100	*10,890	7,960	*6,860	5,670		*6,350	5,620	(24.7)
1.5 m (4.9 ft)	kg					*7,380	5,140	*5,520	3,460	*4,040	2,510		*3,060	2,440	7.66
	lb					*16,270	11,330	*12,170	7,630	*8,910	5,530		*6,750	5,380	(25.1)
0.0 m 0.0 ft	kg			*5,290	*5,290	*8,070	4,940	*5,900	3,340				*3,420	2,490	7.47
	lb			*11,660	*11,660	*17,790	10,890	*13,010	7,360				*7,540	5,490	(24.5)
-1.5 m (-4.9 ft)	kg	*5,090	*5,090	*9,190	8,960	*8,010	4,870	*5,850	3,300				*4,130	2,730	6.95
	lb	*11,220	*11,220	*20,260	19,750	*17,660	10,740	*12,900	7,280				*9,110	6,020	(22.8)
-3.0 m (-9.8 ft)	kg	*9,360	*9,360	*10,170	9,100	*7,120	4,930	*4,910	3,360				*4,890	3,350	6.01
	lb	*20,640	*20,640	*22,420	20,060	*15,700	10,870	*10,820	7,410				*10,780	7,390	(19.7)
-4.5 m (-14.8 ft)	kg			*6,860	*6,860								*4,560	*4,560	4.39
	lb			*15,120	*15,120								*10,050	*10,050	(14.4)

| 1 | Lifting capacity are 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.













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

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















HX160A L MONO BOOM













5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 2,600kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach			
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
														m (ft)	
7.5 m (24.6 ft)	kg lb												*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	3,330 7,340				*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,260 7,190	*2,570 *5,670	2,230 4,920		*2,340 *5,160	2,190 4,830	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	4,810 10,600	*4,580 *10,100	3,110 6,860	3,540 7,800	2,170 4,780		*2,380 *5,250	1,950 4,300	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	4,430 9,770	4,850 10,690	2,930 6,460	3,450 7,610	2,100 4,630		*2,530 *5,580	1,860 4,100	8.09 (26.5)
0.0 m 0.0 ft)	kg lb			*6,160 *13,580	*6,160 *13,580	7,280 16,050	4,160 9,170	4,690 10,340	2,790 6,150	3,380 7,450	2,030 4,480		*2,820 *6,220	1,880 4,140	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	7,480 16,490	7,150 15,760	4,050 8,930	4,610 10,160	2,720 6,000				*3,360 *7,410	2,040 4,500	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	7,580 16,710	7,170 15,810	4,070 8,970	4,630 10,210	2,740 6,040				4,090 9,020	2,440 5,380	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	7,850 17,310	*5,640 *12,430	4,230 9,330						*4,650 *10,250	3,560 7,850	5.11 (16.8)

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 2,600kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg													
	lb													
6.0 m (19.7 ft)	kg													
	lb													
4.5 m (14.8 ft)	kg													
	lb													
3.0 m (9.8 ft)	kg													
	lb													
1.5 m (4.9 ft)	kg													
	lb													
0.0 m 0.0ft	kg													
	lb													
-1.5 m (-4.9 ft)	kg	*4,790	*4,790	*8,770	7,960	7,090	4,320	4,560	2,900					
	lb	*10,560	*10,560	*19,330	17,550	15,630	9,520	10,050	6,390					
-3.0 m (-9.8 ft)	kg	*8,080	*8,080	*10,910	8,060	7,110	4,330	4,580	2,920					
	lb	*17,810	*17,810	*24,050	17,770	15,670	9,550	10,100	6,440					
-4.5 m (-14.8 ft)	kg			*8,260	*8,260	*5,640	4,490							
	lb			*18,210	*18,210	*12,430	9,900							

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 2,600kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

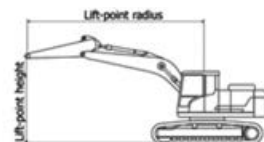
Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	3,520 7,760			*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,450 7,610	*2,570 *5,670	2,370 5,220	*2,340 *5,160	2,330 5,140	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	5,080 11,200	*4,580 *10,100	3,290 7,250	*3,790 *8,360	2,320 5,110	*2,380 *5,250	2,090 4,610	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	4,690 10,340	*5,230 *11,530	3,120 6,880	*4,390 *9,680	2,240 4,940	*2,530 *5,580	1,990 4,390	8.09 (26.5)
0.0 m 0.0 ft	kg lb			*6,160 *13,580	*6,160 *13,580	*7,830 *17,260	4,430 9,770	*5,730 *12,630	2,980 6,570	*4,580 *10,100	2,170 4,780	*2,820 *6,220	2,010 4,430	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	7,960 17,550	*8,030 *17,700	4,320 9,520	*5,860 *12,920	2,900 6,390			*3,360 *7,410	2,180 4,810	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	8,060 17,770	*7,450 *16,420	4,330 9,550	*5,360 *11,820	2,920 6,440			*4,510 *9,940	2,610 5,750	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	*8,260 *18,210	*5,640 *12,430	4,490 9,900					*4,650 *10,250	3,790 8,360	5.11 (16.8)

| 1 | Lifting capacity are 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.

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

14 | (*) indicates load limited by hydraulic capacity.















LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degree

HX160A L MONO BOOM













5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	3,670 8,090			*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,600 7,940	*2,570 *5,670	2,480 5,470	*2,340 *5,160	*2,340 *5,160	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	5,300 11,680	*4,580 *10,100	3,440 7,580	*3,790 *8,360	2,430 5,360	*2,380 *5,250	2,190 4,830	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	4,910 10,820	*5,230 *11,530	3,270 7,210	3,770 8,310	2,350 5,180	*2,530 *5,580	2,090 4,610	8.09 (26.5)
0.0m 0.0ft	kg lb			*6,160 *13,580	*6,160 *13,580	*7,830 *17,260	4,650 10,250	5,120 11,290	3,130 6,900	3,700 8,160	2,290 5,050	*2,820 *6,220	2,120 4,670	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	8,340 18,390	7,810 17,220	4,530 9,990	5,040 11,110	3,050 6,720			*3,360 *7,410	2,300 5,070	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	8,440 18,610	*7,450 *16,420	4,550 10,030	5,060 11,160	3,070 6,770			4,480 9,880	2,750 6,060	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	*8,260 *18,210	*5,640 *12,430	4,710 10,380					*4,650 *10,250	3,970 8,750	5.11 (16.8)

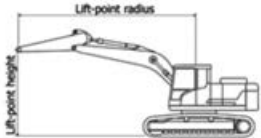
5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	*3,700 *8,160			*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,780 8,330	*2,570 *5,670	*2,570 *5,670	*2,340 *5,160	*2,340 *5,160	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	*5,540 *12,210	*4,580 *10,100	3,630 8,000	*3,790 *8,360	2,570 5,670	*2,380 *5,250	2,330 5,140	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	5,180 11,420	*5,230 *11,530	3,450 7,610	3,740 8,250	2,490 5,490	*2,530 *5,580	2,220 4,890	8.09 (26.5)
0.0m 0.0ft	kg lb			*6,160 *13,580	*6,160 *13,580	*7,830 *17,260	4,910 10,820	5,080 11,200	3,310 7,300	3,670 8,090	2,430 5,360	*2,820 *6,220	2,260 4,980	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	*8,770 *19,330	7,740 17,060	4,800 10,580	5,000 11,020	3,240 7,140			*3,360 *7,410	2,440 5,380	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	8,920 19,670	*7,450 *16,420	4,820 10,630	5,020 11,070	3,260 7,190			4,440 9,790	2,910 6,420	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	*8,260 *18,210	*5,640 *12,430	4,980 10,980					*4,650 *10,250	4,200 9,260	5.11 (16.8)

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	*3,700 *8,160			*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,780 8,330	*2,570 *5,670	*2,570 *5,670	*2,340 *5,160	*2,340 *5,160	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	*5,540 *12,210	*4,580 *10,100	3,630 8,000	*3,790 *8,360	2,570 5,670	*2,380 *5,250	2,330 5,140	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	5,180 11,420	*5,230 *11,530	3,450 7,610	*4,390 *9,680	2,490 5,490	*2,530 *5,580	2,220 4,890	8.09 (26.5)
0.0m 0.0ft	kg lb			*6,160 *13,580	*6,160 *13,580	*7,830 *17,260	4,910 10,820	*5,730 *12,630	3,310 7,300	*4,580 *10,100	2,430 5,360	*2,820 *6,220	2,260 4,980	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	*8,770 *19,330	*8,030 *17,700	4,800 10,580	*5,860 *12,920	3,240 7,140			*3,360 *7,410	2,440 5,380	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	8,920 19,670	*7,450 *16,420	4,820 10,630	*5,360 *11,820	3,260 7,190			4,510 9,940	2,910 6,420	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	*8,260 *18,210	*5,640 *12,430	4,980 10,980					*4,650 *10,250	4,200 9,260	5.11 (16.8)











- 1 | Lifting capacity are 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.













 Rating over-front  Rating over-side or 360 degree

HX160A L 2-PIECE BOOM

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

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 (24.6 ft)	kg lb									*4,850 *10,690	*4,850 *10,690	4.43 (14.5)
6.0 m (19.7 ft)	kg lb			*4,510 *9,940	*4,510 *9,940					*3,970 *8,750	3,580 7,890	5.95 (19.5)
4.5 m (14.8 ft)	kg lb			*5,110 *11,270	*5,110 *11,270	*4,560 *10,050	3,530 7,780			*3,670 *8,090	2,840 6,260	6.82 (22.4)
3.0 m (9.8 ft)	kg lb			*6,280 *13,850	5,140 11,330	*5,010 *11,050	3,390 7,470			*3,620 *7,980	2,520 5,560	7.28 (23.9)
1.5 m (4.9 ft)	kg lb			*7,440 *16,400	4,810 10,600	5,280 11,640	3,250 7,170			*3,750 *8,270	2,410 5,310	7.40 (24.3)
0.0m 0.0ft	kg lb			7,980 17,590	4,640 10,230	5,170 11,400	3,150 6,940			4,000 8,820	2,470 5,450	7.20 (23.6)
-1.5 m (-4.9 ft)	kg lb	*8,360 *18,430	*8,360 *18,430	*7,890 *17,390	4,620 10,190	5,160 11,380	3,130 6,900			4,470 9,850	2,760 6,080	6.66 (21.9)

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.











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 (24.6 ft)	kg lb									*4,850 *10,690	*4,850 *10,690	4.43 (14.5)
6.0 m (19.7 ft)	kg lb			*4,510 *9,940	*4,510 *9,940					*3,970 *8,750	3,760 8,290	5.95 (19.5)
4.5 m (14.8 ft)	kg lb			*5,110 *11,270	*5,110 *11,270	*4,560 *10,050	3,710 8,180			*3,670 *8,090	3,000 6,610	6.82 (22.4)
3.0 m (9.8 ft)	kg lb			*6,280 *13,850	5,410 11,930	*5,010 *11,050	3,580 7,890			*3,620 *7,980	2,670 5,890	7.28 (23.9)
1.5 m (4.9 ft)	kg lb			*7,440 *16,400	5,080 11,200	5,240 11,550	3,430 7,560			*3,750 *8,270	2,550 5,620	7.40 (24.3)
0.0m 0.0ft	kg lb			7,910 17,440	4,910 10,820	5,130 11,310	3,330 7,340			3,970 8,750	2,620 5,780	7.20 (23.6)
-1.5 m (-4.9 ft)	kg lb	*8,360 *18,430	*8,360 *18,430	7,880 17,370	4,880 10,760	5,110 11,270	3,320 7,320			4,440 9,790	2,920 6,440	6.66 (21.9)

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX160A L 2-PIECE BOOM











5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

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	
											
7.5 m (24.6 ft)	kg			*4,310	*4,310					*3,570	*3,570
	lb			*9,500	*9,500					*7,870	*7,870
6.0 m (19.7 ft)	kg					*4,130	3,610			*3,050	*3,050
	lb					*9,110	7,960			*6,720	*6,720
4.5 m (14.8 ft)	kg			*4,680	*4,680	*4,250	3,560			*2,870	2,620
	lb			*10,320	*10,320	*9,370	7,850			*6,330	5,780
3.0 m (9.8 ft)	kg			*5,870	5,210	*4,750	3,410	*3,660	2,410	*2,850	2,340
	lb			*12,940	11,490	*10,470	7,520	*8,070	5,310	*6,280	5,160
1.5 m (4.9 ft)	kg			*7,130	4,850	5,290	3,250	3,800	2,350	*2,970	2,240
	lb			*15,720	10,690	11,660	7,170	8,380	5,180	*6,550	4,940
0.0m (0.0ft)	kg			*7,880	4,630	5,160	3,130	3,750	2,310	*3,250	2,280
	lb			*17,370	10,210	11,380	6,900	8,270	5,090	*7,170	5,030
-1.5 m (-4.9 ft)	kg	*8,290	*8,290	7,900	4,570	5,110	3,090			*3,800	2,510
	lb	*18,280	*18,280	17,420	10,080	11,270	6,810			*8,380	5,530
-3.0 m (-9.8 ft)	kg			*7,200	4,640						
	lb			*15,870	10,230						

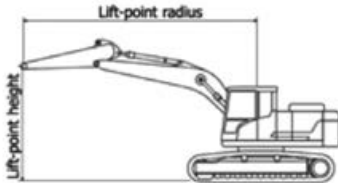
5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

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	
											
7.5 m (24.6 ft)	kg			*4,310	*4,310					*3,570	*3,570
	lb			*9,500	*9,500					*7,870	*7,870
6.0 m (19.7 ft)	kg					*4,130	3,800			*3,050	*3,050
	lb					*9,110	8,380			*6,720	*6,720
4.5 m (14.8 ft)	kg			*4,680	*4,680	*4,250	3,750			*2,870	2,770
	lb			*10,320	*10,320	*9,370	8,270			*6,330	6,110
3.0 m (9.8 ft)	kg			*5,870	5,480	*4,750	3,600	*3,660	2,550	*2,850	2,480
	lb			*12,940	12,080	*10,470	7,940	*8,070	5,620	*6,280	5,470
1.5 m (4.9 ft)	kg			*7,130	5,110	5,250	3,430	3,760	2,490	*2,970	2,370
	lb			*15,720	11,270	11,570	7,560	8,290	5,490	*6,550	5,220
0.0m (0.0ft)	kg			*7,880	4,900	5,110	3,320	3,720	2,450	*3,250	2,420
	lb			*17,370	10,800	11,270	7,320	8,200	5,400	*7,170	5,340
-1.5 m (-4.9 ft)	kg	*8,290	*8,290	7,830	4,830	5,070	3,270			*3,800	2,670
	lb	*18,280	*18,280	17,260	10,650	11,180	7,210			*8,380	5,890
-3.0 m (-9.8 ft)	kg			*7,200	4,900						
	lb			*15,870	10,800						

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

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	
											
7.5 m (24.6 ft)	kg			*4,310	*4,310					*3,570	*3,570
	lb			*9,500	*9,500					*7,870	*7,870
6.0 m (19.7 ft)	kg					*4,130	3,800			*3,050	*3,050
	lb					*9,110	8,380			*6,720	*6,720
4.5 m (14.8 ft)	kg			*4,680	*4,680	*4,250	3,750			*2,870	2,770
	lb			*10,320	*10,320	*9,370	8,270			*6,330	6,110
3.0 m (9.8 ft)	kg			*5,870	5,480	*4,750	3,600	*3,660	2,550	*2,850	2,480
	lb			*12,940	12,080	*10,470	7,940	*8,070	5,620	*6,280	5,470
1.5 m (4.9 ft)	kg			*7,130	5,110	*5,330	3,430	*4,480	2,490	*2,970	2,370
	lb			*15,720	11,270	*11,750	7,560	*9,880	5,490	*6,550	5,220
0.0m (0.0ft)	kg			*7,880	4,900	*5,760	3,320	*3,840	2,450	*3,250	2,420
	lb			*17,370	10,800	*12,700	7,320	*8,470	5,400	*7,170	5,340
-1.5 m (-4.9 ft)	kg	*8,290	*8,290	*7,950	4,830	*5,810	3,270			*3,800	2,670
	lb	*18,280	*18,280	*17,530	10,650	*12,810	7,210			*8,380	5,890
-3.0 m (-9.8 ft)	kg			*7,200	4,900						
	lb			*15,870	10,800						











- 1 | Lifting capacity are 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.













 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM











5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

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)		Capacity	
											
6.0 m (19.7 ft)	kg									*3,850	*3,850
	lb									*8,490	*8,490
4.5 m (14.8 ft)	kg					*5,320	*5,320	*4,750	3,880	*3,630	3,210
	lb					*11,730	*11,730	*10,470	8,550	*8,000	7,080
3.0 m (9.8 ft)	kg					*6,540	5,720	*5,200	3,750	*3,650	2,840
	lb					*14,420	12,610	*11,460	8,270	*8,050	6,260
1.5 m (4.9 ft)	kg					*7,690	5,400	5,530	3,610	*3,850	2,720
	lb					*16,950	11,900	12,190	7,960	*8,490	6,000
0.0m (0.0ft)	kg					*8,180	5,230	5,420	3,510	*4,230	2,780
	lb					*18,030	11,530	11,950	7,740	*9,330	6,130
-1.5 m (-4.9 ft)	kg			*9,400	*9,400	*7,910	5,200	5,390	3,490	4,740	3,100
	lb			*20,720	*20,720	*17,440	11,460	11,880	7,690	10,450	6,830
-3.0 m (-9.8 ft)	kg			*9,400	*9,400	*6,720	5,290			*4,980	3,940
	lb			*20,720	*20,720	*14,820	11,660			*10,980	8,690

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius								At max. reach	
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		Capacity	
											
6.0m (19.7ft)	kg									*3,850	*3,850
	lb									*8,490	*8,490
4.5m (14.8ft)	kg					*5,320	*5,320	*4,750	4,090	*3,630	3,390
	lb					*11,730	*11,730	*10,470	9,020	*8,000	7,470
3.0m (9.8ft)	kg					*6,540	6,030	*5,200	3,960	*3,650	3,010
	lb					*14,420	13,290	*11,460	8,730	*8,050	6,640
1.5m (4.9ft)	kg					*7,690	5,700	5,470	3,820	*3,850	2,880
	lb					*16,950	12,570	12,060	8,420	*8,490	6,350
0.0m (0.0ft)	kg					*8,180	5,530	5,370	3,720	4,190	2,950
	lb					*18,030	12,190	11,840	8,200	9,240	6,500
-1.5m (-4.9ft)	kg			*9,400	*9,400	*7,910	5,500	5,340	3,700	4,690	3,290
	lb			*20,720	*20,720	*17,440	12,130	11,770	8,160	10,340	7,250
-3.0m (-9.8ft)	kg			*9,400	*9,400	*6,720	5,590			*4,980	4,170
	lb			*20,720	*20,720	*14,820	12,320			*10,980	9,190

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.











Lift-point height (m/ft)		Lift-point radius								At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		Capacity		Reach
												m (ft)
6.0m	kg											
19.7ft	lb											
4.5m	kg					*5,320	*5,320	*4,750	4,090	*3,850	*3,850	5.86
14.8ft	lb					*11,730	*11,730	*10,470	9,020	*8,490	*8,490	(19.2)
3.0m	kg					*6,540	6,030	*5,200	3,960	*3,630	3,390	6.74
9.8ft	lb					*14,420	13,290	*11,460	8,730	*8,000	7,470	(22.1)
1.5m	kg					*7,690	5,700	*5,710	3,820	*3,650	3,010	7.20
4.9ft	lb					*16,950	12,570	*12,590	8,420	*8,050	6,640	(23.6)
0.0m	kg					*8,180	5,530	*5,980	3,720	*4,310	2,880	7.33
0.0ft	lb					*18,030	12,190	*13,180	8,200	*8,490	6,350	(24.0)
-1.5m	kg			*9,400	*9,400	*7,910	5,500	*5,770	3,700	*5,980	2,950	7.13
-4.9ft	lb			*20,720	*20,720	*17,440	12,130	*12,720	8,160	*4,310	2,950	7.13
-3.0m	kg			*9,400	*9,400	*6,720	5,590			*5,030	3,290	6.58
-9.8ft	lb			*20,720	*20,720	*14,820	12,320			*11,090	7,250	(21.6)
										*4,980	4,170	5.58
										*10,980	9,190	(18.3)

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM











5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	*3,850 *8,490	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	4,070 8,970	*3,630 *8,000	3,370 7,430	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	6,010 13,250	*5,200 *11,460	3,950 8,710	*3,650 *8,050	2,990 6,590	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	5,680 12,520	*5,710 *12,590	3,800 8,380	*3,850 *8,490	2,870 6,330	7.33 (24.0)
0.0m 0.0ft	kg lb					*8,180 *18,030	5,510 12,150	5,660 12,480	3,710 8,180	*4,310 *9,500	2,940 6,480	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*7,910 *17,440	5,480 12,080	5,640 12,430	3,680 8,110	4,950 10,910	3,270 7,210	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*6,720 *14,820	5,570 12,280			*4,980 *10,980	4,160 9,170	5.58 (18.3)

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	*3,850 *8,490	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	4,280 9,440	*3,630 *8,000	3,560 7,850	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	6,310 13,910	*5,200 *11,460	4,150 9,150	*3,650 *8,050	3,160 6,970	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	5,990 13,210	*5,710 *12,590	4,010 8,840	*3,850 *8,490	3,030 6,680	7.33 (24.0)
0.0m 0.0ft	kg lb					*8,180 *18,030	5,810 12,810	5,610 12,370	3,910 8,620	*4,310 *9,500	3,110 6,860	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*7,910 *17,440	5,780 12,740	5,590 12,320	3,890 8,580	4,910 10,820	3,460 7,630	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*6,720 *14,820	5,870 12,940			*4,980 *10,980	4,390 9,680	5.58 (18.3)

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

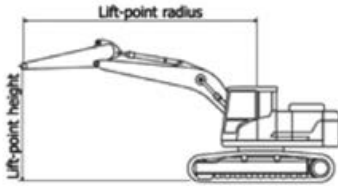
Lift-point height (m/ft)		Lift-point radius								At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb									*3,850 *8,490	*3,850 *8,490	5.86 (19.2)
4.5 m (14.8 ft)	kg lb					*5,320 *11,730	*5,320 *11,730	*4,750 *10,470	4,280 9,440	*3,630 *8,000	3,560 7,850	6.74 (22.1)
3.0 m (9.8 ft)	kg lb					*6,540 *14,420	6,310 13,910	*5,200 *11,460	4,150 9,150	*3,650 *8,050	3,160 6,970	7.20 (23.6)
1.5 m (4.9 ft)	kg lb					*7,690 *16,950	5,990 13,210	*5,710 *12,590	4,010 8,840	*3,850 *8,490	3,030 6,680	7.33 (24.0)
0.0m 0.0ft	kg lb					*8,180 *18,030	5,810 12,810	*5,980 *13,180	3,910 8,620	*4,310 *9,500	3,110 6,860	7.13 (23.4)
-1.5 m (-4.9 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*7,910 *17,440	5,780 12,740	*5,770 *12,720	3,890 8,580	*5,030 *11,090	3,460 7,630	6.58 (21.6)
-3.0 m (-9.8 ft)	kg lb			*9,400 *20,720	*9,400 *20,720	*6,720 *14,820	5,870 12,940			*4,980 *10,980	4,390 9,680	5.58 (18.3)

1 | Lifting capacity are 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.















 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM













5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach				
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach		
														m (ft)		
7.5 m (24.6 ft)	kg lb													*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470					*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	3,910 8,620					*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	5,790 12,760	*4,940 *10,890	3,770 8,310	*3,110 *6,860	2,670 5,890			*2,880 *6,350	2,650 5,840	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	5,430 11,970	*5,520 *12,170	3,610 7,960	3,960 8,730	2,610 5,750			*3,060 *6,750	2,530 5,580	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,220 11,510	5,400 11,900	3,490 7,690					*3,420 *7,540	2,580 5,690	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,150 11,350	5,350 11,790	3,450 7,610					*4,130 *9,110	2,840 6,260	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	9,930 21,890	*7,120 *15,700	5,210 11,490	*4,910 *10,820	3,510 7,740					*4,890 *10,780	3,500 7,720	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120									*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach				
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach		
														m (ft)		
7.5 m (24.6 ft)	kg lb													*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470					*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	4,120 9,080					*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	6,100 13,450	*4,940 *10,890	3,980 8,770	*3,110 *6,860	2,830 6,240	*2,880 *6,350	2,810 6,190			7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	5,740 12,650	5,480 12,080	3,820 8,420	3,920 8,640	2,770 6,110	*3,060 *6,750	2,690 5,930			7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,520 12,170	5,350 11,790	3,700 8,160			*3,420 *7,540	2,740 6,040			7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,460 12,040	5,300 11,680	3,660 8,070			*4,130 *9,110	3,020 6,660			6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	*10,170 *22,420	*7,120 *15,700	5,510 12,150	*4,910 *10,820	3,720 8,200			*4,890 *10,780	3,710 8,180			6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050			4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.













Lift-point height (m/ft)		Lift-point radius										At max. reach			
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
														m (ft)	
7.5 m (24.6 ft)	kg lb												*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470				*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	4,120 9,080				*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	6,100 13,450	*4,940 *10,890	3,980 8,770	*3,110 *6,860	2,830 6,240		*2,880 *6,350	2,810 6,190	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	5,740 12,650	*5,520 *12,170	3,820 8,420	*4,040 *8,910	2,770 6,110		*3,060 *6,750	2,690 5,930	7.66 (25.1)
0.0 m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,520 12,170	*5,900 *13,010	3,700 8,160				*3,420 *7,540	2,740 6,040	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,460 12,040	*5,850 *12,900	3,660 8,070				*4,130 *9,110	3,020 6,660	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	*10,170 *22,420	*7,120 *15,700	5,510 12,150	*4,910 *10,820	3,720 8,200				*4,890 *10,780	3,710 8,180	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120								*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM













5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	4,100 9,040			*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	6,070 13,380	*4,940 *10,890	3,960 8,730	*3,110 *6,860	2,820 6,220	*2,880 *6,350	2,790 6,150	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	5,720 12,610	*5,520 *12,170	3,800 8,380	*4,040 *8,910	2,760 6080	*3,060 *6,750	2,680 5,910	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,500 12,130	5,640 12,430	3,690 8,140			*3,420 *7,540	2,730 6,020	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,430 11,970	5,590 12,320	3,640 8,020			*4,130 *9,110	3,000 6,610	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	*10,170 *22,420	*7,120 *15,700	5,490 12,100	*4,910 *10,820	3,710 8,180			*4,890 *10,780	3,700 8,160	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	4,310 9,500			*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	*6,120 *13,490	*4,940 *10,890	4,170 9,190	*3,110 *6,860	2,980 6,570	*2,880 *6,350	*2,880 *6,350	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	6,020 13,270	*5,520 *12,170	4,010 8,840	*4,040 *8,910	2,920 6,440	*3,060 *6,750	2,830 6,240	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,800 12,790	5,590 12,320	3,900 8,600			*3,420 *7,540	2,890 6,370	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,740 12,650	5,540 12,210	3,850 8,490			*4,130 *9,110	3,180 7,010	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	*10,170 *22,420	*7,120 *15,700	5,790 12,760	*4,910 *10,820	3,920 8,640			*4,890 *10,780	3,900 8,600	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

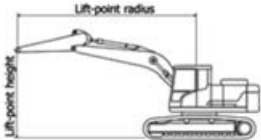
Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3,410 *7,520	*3,410 *7,520	4.85 (15.9)
6.0 m (19.7 ft)	kg lb							*3,840 *8,470	*3,840 *8,470			*2,970 *6,550	*2,970 *6,550	6.27 (20.6)
4.5 m (14.8 ft)	kg lb					*4,870 *10,740	*4,870 *10,740	*4,430 *9,770	4,310 9,500			*2,850 *6,280	*2,850 *6,280	7.10 (23.3)
3.0 m (9.8 ft)	kg lb			*9,370 *20,660	*9,370 *20,660	*6,120 *13,490	*6,120 *13,490	*4,940 *10,890	4,170 9,190	*3,110 *6,860	2,980 6,570	*2,880 *6,350	*2,880 *6,350	7.54 (24.7)
1.5 m (4.9 ft)	kg lb					*7,380 *16,270	6,020 13,270	*5,520 *12,170	4,010 8,840	*4,040 *8,910	2,920 6,440	*3,060 *6,750	2,830 6,240	7.66 (25.1)
0.0m 0.0ft	kg lb			*5,290 *11,660	*5,290 *11,660	*8,070 *17,790	5,800 12,790	5,590 *13,010	3,900 8,600			*3,420 *7,540	2,890 6,370	7.47 (24.5)
-1.5 m (-4.9 ft)	kg lb	*5,090 *11,220	*5,090 *11,220	*9,190 *20,260	*9,190 *20,260	*8,010 *17,660	5,740 12,650	*5,850 *12,900	3,850 8,490			*4,130 *9,110	3,180 7,010	6.95 (22.8)
-3.0 m (-9.8 ft)	kg lb	*9,360 *20,640	*9,360 *20,640	*10,170 *22,420	*10,170 *22,420	*7,120 *15,700	5,790 12,760	*4,910 *10,820	3,920 8,640			*4,890 *10,780	3,900 8,600	6.01 (19.7)
-4.5 m (-14.8 ft)	kg lb			*6,860 *15,120	*6,860 *15,120							*4,560 *10,050	*4,560 *10,050	4.39 (14.4)

1 | 1 Lifting capacity are based on ISO 10567.

1 | 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.

1 | 3 The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).













1 | 4 | (*) indicates load limited by hydraulic capacity.















 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		7.5m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2,710 *5,970	*2,710 *5,970	5.51 (18.1)
6.0 m (19.7 ft)	kg lb							*3,700 *8,160	*3,700 *8,160			*2,430 *5,360	*2,430 *5,360	6.79 (22.3)
4.5 m (14.8 ft)	kg lb							*4,020 *8,860	3,950 8,710	*2,570 *5,670	*2,570 *5,670	*2,340 *5,160	*2,340 *5,160	7.56 (24.8)
3.0 m (9.8 ft)	kg lb			*7,930 *17,480	*7,930 *17,480	*5,540 *12,210	*5,540 *12,210	*4,580 *10,100	3,790 8,360	*3,790 *8,360	2,670 5,890	*2,380 *5,250	*2,380 *5,250	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*6,760 *14,900	*6,760 *14,900	*6,920 *15,260	5,470 12,060	*5,230 *11,530	3,610 7,960	*5,230 *8,690	2,590 5,710	*2,530 *5,580	*2,530 *5,090	8.09 (26.5)
0.0m 0.0ft	kg lb			*6,160 *13,580	*6,160 *13,580	*7,830 *17,260	5,200 11,460	5,380 11,860	3,460 7,630	3,870 8,530	2,530 5,580	*2,820 *6,220	2,340 5,160	7.91 (25.9)
-1.5 m (-4.9 ft)	kg lb	*4,790 *10,560	*4,790 *10,560	*8,770 *19,330	*8,770 *19,330	*8,030 *17,700	5,080 11,200	5,290 11,660	3,390 7,470			*3,360 *7,410	2,540 5,600	7.42 (24.3)
-3.0 m (-9.8 ft)	kg lb	*8,080 *17,810	*8,080 *17,810	*10,910 *24,050	9,730 21,450	*7,450 *16,420	5,100 11,240	5,310 11,710	3,410 7,520			*4,510 *9,940	3,040 6,700	6.55 (21.5)
-4.5 m (-14.8 ft)	kg lb			*8,260 *18,210	*8,260 *18,210	*5,640 *12,430	5,260 11,600					*4,650 *10,250	4,410 9,720	5.11 (16.8)

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 2,900kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.













Lift-point height (m/ft)		Lift-point radius										At max. reach			
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
														m (ft)	
7.5 m (24.6 ft)	kg														
	lb														
6.0 m (19.7 ft)	kg							*3,700	*3,700					*2,430	6.79
	lb							*8,160	*8,160					*5,360	(22.3)
4.5 m (14.8 ft)	kg							*4,020	*4,020	*2,570	*2,570			*2,340	7.56
	lb							*8,860	*8,860	*5,670	*5,670			*5,160	(24.8)
3.0 m (9.8 ft)	kg			*7,930	*7,930	*5,540	*5,540	*4,580	4,000	*3,790	2,830			*2,380	7.97
	lb			*17,480	*17,480	*12,210	*12,210	*10,100	8,820	*8,360	6,240			*5,250	(26.2)
1.5 m (4.9 ft)	kg			*6,760	*6,760	*6,920	5,780	*5,230	3,820	3,900	2,750			*2,530	8.09
	lb			*14,900	*14,900	*15,260	12,740	*11,530	8,420	8,600	6,060			*5,580	(26.5)
0.0m	kg			*6,160	*6,160	*7,830	5,500	5,320	3,670	3,830	2,690			*2,820	7.91
	lb			*13,580	*13,580	*17,260	12,130	11,730	8,090	8,440	5,930			*6,220	(25.9)
-1.5 m (-4.9 ft)	kg	*4,790	*4,790	*8,770	*8,770	*8,030	5,390	5,240	3,600					*3,360	7.42
	lb	*10,560	*10,560	*19,330	*19,330	*17,700	11,880	11,550	7,940					*7,410	(24.3)
-3.0 m (-9.8 ft)	kg	*8,080	*8,080	*10,910	10,290	*7,450	5,400	5,260	3,620					*4,510	6.55
	lb	*17,810	*17,810	*24,050	22,690	*16,420	11,900	11,600	7,980					*9,940	(21.5)
-4.5 m (-14.8 ft)	kg			*8,260	*8,260	*5,640	5,570							*4,650	5.11
	lb			*18,210	*18,210	*12,430	12,280							*10,250	(16.8)

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degree

HX180A L MONO BOOM













5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		7.5m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg											*2,710	*2,710	5.51
	lb											*5,970	*5,970	(18.1)
6.0 m (19.7 ft)	kg							*3,700	*3,700			*2,430	*2,430	6.79
	lb							*8,160	*8,160			*5,360	*5,360	(22.3)
4.5 m (14.8 ft)	kg							*4,020	*4,020	*2,570	*2,570	*2,340	*2,340	7.56
	lb							*8,860	*8,860	*5,670	*5,670	*5,160	*5,160	(24.8)
3.0 m (9.8 ft)	kg			*7,930	*7,930	*5,540	*5,540	*4,580	3,980	*3,790	2,820	*2,380	*2,380	7.97
	lb			*17,480	*17,480	*12,210	*12,210	*10,100	8,770	*8,360	6,220	*5,250	*5,250	(26.2)
1.5 m (4.9 ft)	kg			*6,760	*6,760	*6,920	5,750	*5,230	3,800	4,120	2,740	*2,530	2,440	8.09
	lb			*14,900	*14,900	*15,260	12,680	*11,530	8,380	9,080	6,040	*5,580	5,380	(26.5)
0.0m 0.0ft	kg			*6,160	*6,160	*7,830	5,480	5,620	3,660	4,050	2,670	*2,820	2,480	7.91
	lb			*13,580	*13,580	*17,260	12,080	12,390	8,070	8,930	5,890	*6,220	5,470	(25.9)
-1.5 m (-4.9 ft)	kg	*4,790	*4,790	*8,770	*8,770	*8,030	5,360	5,540	3,580			*3,360	2,690	7.42
	lb	*10,560	*10,560	*19,330	*19,330	*17,700	11,820	12,210	7,890			*7,410	5,930	(24.3)
-3.0 m (-9.8 ft)	kg	*8,080	*8,080	*10,910	10,250	*7,450	5,380	*5,360	3,600			*4,510	3,210	6.55
	lb	*17,810	*17,810	*24,050	22,600	*16,420	11,860	*11,820	7,940			*9,940	7,080	(21.5)
-4.5 m (-14.8 ft)	kg			*8,260	*8,260	*5,640	5,550					*4,650	*4,650	5.11
	lb			*18,210	*18,210	*12,430	12,240					*10,250	*10,250	(16.8)

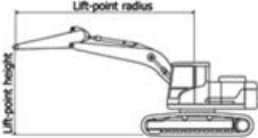
5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg											*2,710	*2,710	5.51
	lb											*5,970	*5,970	(18.1)
6.0 m (19.7 ft)	kg							*3,700	*3,700			*2,430	*2,430	6.79
	lb							*8,160	*8,160			*5,360	*5,360	(22.3)
4.5 m (14.8 ft)	kg							*4,020	*4,020	*2,570	*2,570	*2,340	*2,340	7.56
	lb							*8,860	*8,860	*5,670	*5,670	*5,160	*5,160	(24.8)
3.0 m (9.8 ft)	kg			*7,930	*7,930	*5,540	*5,540	*4,580	4,190	*3,790	2,980	*2,380	*2,380	7.97
	lb			*17,480	*17,480	*12,210	*12,210	*10,100	9,240	*8,360	6,570	*5,250	*5,250	(26.2)
1.5 m (4.9 ft)	kg			*6,760	*6,760	*6,920	6,060	*5,230	4,010	4,080	2,900	*2,530	*2,530	8.09
	lb			*14,900	*14,900	*15,260	13,360	*11,530	8,840	8,990	6,390	*5,580	*5,580	(26.5)
0.0m 0.0ft	kg			*6,160	*6,160	*7,830	5,780	5,570	3,870	4,010	2,830	*2,820	2,630	7.91
	lb			*13,580	*13,580	*17,260	12,740	12,280	8,530	8,840	6,240	*6,220	5,800	(25.9)
-1.5 m (-4.9 ft)	kg	*4,790	*4,790	*8,770	*8,770	*8,030	5,670	5,480	3,790			*3,360	2,850	7.42
	lb	*10,560	*10,560	*19,330	*19,330	*17,700	12,500	12,080	8,360			*7,410	6,280	(24.3)
-3.0 m (-9.8 ft)	kg	*8,080	*8,080	*10,910	10,810	*7,450	5,680	*5,360	3,810			*4,510	3,400	6.55
	lb	*17,810	*17,810	*24,050	23,830	*16,420	12,520	*11,820	8,400			*9,940	7,500	(21.5)
-4.5 m (-14.8 ft)	kg			*8,260	*8,260	*5,640	*5,640					*4,650	*4,650	5.11
	lb			*18,210	*18,210	*12,430	*12,430					*10,250	*10,250	(16.8)

5.10 m (16' 9") boom, 3.10 m (10' 2") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg											*2,710	*2,710	5.51
	lb											*5,970	*5,970	(18.1)
6.0 m (19.7 ft)	kg							*3,700	*3,700			*2,430	*2,430	6.79
	lb							*8,160	*8,160			*5,360	*5,360	(22.3)
4.5 m (14.8 ft)	kg							*4,020	*4,020	*2,570	*2,570	*2,340	*2,340	7.56
	lb							*8,860	*8,860	*5,670	*5,670	*5,160	*5,160	(24.8)
3.0 m (9.8 ft)	kg			*7,930	*7,930	*5,540	*5,540	*4,580	4,190	*3,790	2,980	*2,380	*2,380	7.97
	lb			*17,480	*17,480	*12,210	*12,210	*10,100	9,240	*8,360	6,570	*5,250	*5,250	(26.2)
1.5 m (4.9 ft)	kg			*6,760	*6,760	*6,920	6,060	*5,230	4,010	*4,390	2,900	*2,530	*2,530	8.09
	lb			*14,900	*14,900	*15,260	13,360	*11,530	8,840	*9,680	6,390	*5,580	*5,580	(26.5)
0.0m 0.0ft	kg			*6,160	*6,160	*7,830	5,780	*5,730	3,870	*4,580	2,830	*2,820	2,630	7.91
	lb			*13,580	*13,580	*17,260	12,740	*12,630	8,530	*10,100	6,240	*6,220	5,800	(25.9)
-1.5 m (-4.9 ft)	kg	*4,790	*4,790	*8,770	*8,770	*8,030	5,670	*5,860	3,790			*3,360	2,850	7.42
	lb	*10,560	*10,560	*19,330	*19,330	*17,700	12,500	*12,920	8,360			*7,410	6,280	(24.3)
-3.0 m (-9.8 ft)	kg	*8,080	*8,080	*10,910	10,810	*7,450	5,680	*5,360	3,810			*4,510	3,400	6.55
	lb	*17,810	*17,810	*24,050	23,830	*16,420	12,520	*11,820	8,400			*9,940	7,500	(21.5)
-4.5 m (-14.8 ft)	kg			*8,260	*8,260	*5,640	*5,640					*4,650	*4,650	5.11
	lb			*18,210	*18,210	*12,430	*12,430					*10,250	*10,250	(16.8)











- 1 | Lifting capacity are 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.



 Rating over-front  Rating over-side or 360 degree

HX180A L 2-PIECE BOOM

5.10 m (16' 9") boom, 2.20 m (7' 3") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.











Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*4,850	*4,850	4.43
24.6ft	lb									*10,690	*10,690	(14.5)
6.0m	kg			*4,510	*4,510					*3,970	*3,970	5.95
19.7ft	lb			*9,940	*9,940					*8,750	*8,750	(19.5)
4.5m	kg			*5,110	*5,110	*4,560	4,070			*3,670	3,300	6.82
14.8ft	lb			*11,270	*11,270	*10,050	8,970			*8,090	7,280	(22.4)
3.0m	kg			*6,280	6,010	*5,010	3,940			*3,620	2,930	7.28
9.8ft	lb			*13,850	13,250	*11,050	8,690			*7,980	6,460	(23.9)
1.5m	kg			*7,440	5,660	*5,530	3,790			*3,750	2,810	7.40
4.9ft	lb			*16,400	12,480	*12,190	8,360			*8,270	6,190	(24.3)
0.0m	kg			*8,020	5,480	5,680	3,690			*4,090	2,890	7.20
0.0ft	lb			*17,680	12,080	12,520	8,140			*9,020	6,370	(23.6)
-1.5m	kg	*8,360	*8,360	*7,890	5,460	5,660	3,670			*4,780	3,220	6.66
-4.9ft	lb	*18,430	*18,430	*17,390	12,040	12,480	8,090			*10,540	7,100	(21.9)

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX180A L 2-PIECE BOOM











5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and without Dozer.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg			*4,310	*4,310					*3,570	*3,570	5.00
24.6ft	lb			*9,500	*9,500					*7,870	*7,870	(16.4)
6.0m	kg					*4,130	*4,130			*3,050	*3,050	6.39
19.7ft	lb					*9,110	*9,110			*6,720	*6,720	(21.0)
4.5m	kg			*4,680	*4,680	*4,250	4,110			*2,870	*2,870	7.20
14.8ft	lb			*10,320	*10,320	*9,370	9,060			*6,330	*6,330	(23.6)
3.0m	kg			*5,870	*5,870	*4,750	3,960	*3,660	2,810	*2,850	2,720	7.63
9.8ft	lb			*12,940	*12,940	*10,470	8,730	*8,070	6,190	*6,280	6,000	(25.0)
1.5m	kg			*7,130	5,700	*5,330	3,790	4,150	2,750	*2,970	2,610	7.75
4.9ft	lb			*15,720	12,570	*11,750	8,360	9,150	6,060	*6,550	5,750	(25.4)
0.0m	kg			*7,880	5,470	5,660	3,670	*3,840	2,700	*3,250	2,670	7.56
0.0ft	lb			*17,370	12,060	12,480	8,090	*8,470	5,950	*7,170	5,890	(24.8)
-1.5m	kg	*8,290	*8,290	*7,950	5,410	5,610	3,620			*3,800	2,940	7.05
-4.9ft	lb	*18,280	*18,280	*17,530	11,930	12,370	7,980			*8,380	6,480	(23.1)
-3.0m	kg			*7,200	5,480							
-9.8ft	lb			*15,870	12,080							

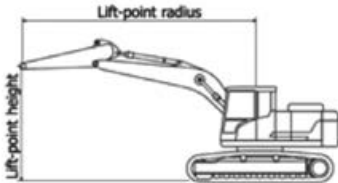
5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer up.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg			*4,310	*4,310					*3,570	*3,570	5.00
24.6ft	lb			*9,500	*9,500					*7,870	*7,870	(16.4)
6.0m	kg					*4,130	*4,130			*3,050	*3,050	6.39
19.7ft	lb					*9,110	*9,110			*6,720	*6,720	(21.0)
4.5m	kg			*4,680	*4,680	*4,250	*4,250			*2,870	*2,870	7.20
14.8ft	lb			*10,320	*10,320	*9,370	*9,370			*6,330	*6,330	(23.6)
3.0m	kg			*5,870	*5,870	*4,750	4,170	*3,660	2,970	*2,850	*2,850	7.63
9.8ft	lb			*12,940	*12,940	*10,470	9,190	*8,070	6,550	*6,280	*6,280	(25.0)
1.5m	kg			*7,130	6,000	*5,330	4,000	4,110	2,900	*2,970	2,770	7.75
4.9ft	lb			*15,720	13,230	*11,750	8,820	9,060	6,390	*6,550	6,110	(25.4)
0.0m	kg			*7,880	5,780	5,610	3,880	*3,840	2,860	*3,250	2,830	7.56
0.0ft	lb			*17,370	12,740	12,370	8,550	*8,470	6,310	*7,170	6,240	(24.8)
-1.5m	kg	*8,290	*8,290	*7,950	5,710	5,560	3,830			*3,800	3,110	7.05
-4.9ft	lb	*18,280	*18,280	*17,530	12,590	12,260	8,440			*8,380	6,860	(23.1)
-3.0m	kg			*7,200	5,780							
-9.8ft	lb			*15,870	12,740							

5.10 m (16' 9") boom, 2.60 m (8' 6") arm equipped with 3,250kg counter weight, 600mm(24") Triple grouser shoe and with Dozer down.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg			*4,310	*4,310					*3,570	*3,570	5.00
24.6ft	lb			*9,500	*9,500					*7,870	*7,870	(16.4)
6.0m	kg					*4,130	*4,130			*3,050	*3,050	6.39
19.7ft	lb					*9,110	*9,110			*6,720	*6,720	(21.0)
4.5m	kg			*4,680	*4,680	*4,250	*4,250			*2,870	*2,870	7.20
14.8ft	lb			*10,320	*10,320	*9,370	*9,370			*6,330	*6,330	(23.6)
3.0m	kg			*5,870	*5,870	*4,750	4,170	*3,660	2,970	*2,850	*2,850	7.63
9.8ft	lb			*12,940	*12,940	*10,470	9,190	*8,070	6,550	*6,280	*6,280	(25.0)
1.5m	kg			*7,130	6,000	*5,330	4,000	*4,480	2,900	*2,970	2,770	7.75
4.9ft	lb			*15,720	13,230	*11,750	8,820	*9,880	6,390	*6,550	6,110	(25.4)
0.0m	kg			*7,880	5,780	*5,760	3,880	*3,840	2,860	*3,250	2,830	7.56
0.0ft	lb			*17,370	12,740	*12,700	8,550	*8,470	6,310	*7,170	6,240	(24.8)
-1.5m	kg	*8,290	*8,290	*7,950	5,710	*5,810	3,830			*3,800	3,110	7.05
-4.9ft	lb	*18,280	*18,280	*17,530	12,590	*12,810	8,440			*8,380	6,860	(23.1)
-3.0m	kg			*7,200	5,780							
-9.8ft	lb			*15,870	12,740							

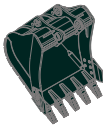
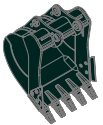
- 1 | Lifting capacity are based on ISO 10567.
- 2 | Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- 3 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- 4 | (*) indicates load limited by hydraulic capacity.



BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.

											
SAE Heaped m³ (yd³)							0.73 (0.96) 0.85 (1.11)	0.88 (1.15) 0.96 (1.26)			
Type	Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm (ft-in)				
	SAE Heaped	CECE Heaped	Without Sidecutters	With Sidecutters			5,100 (16' 9") boom			5,100 (16' 9") 2pcs boom	
							2,200 (7' 3") Arm	2,600 (8' 6") Arm	3,100 (10' 2") Arm	2,200 (7' 3") Arm	2,600 (8' 6") Arm
HX160A L	Counterweight						2,600kg			3,250kg	
	*0.73 (0.95)	0.67 (0.88)	914 (36.0")	946 (37.2")	617 (1,360)	5	●	◐	◐	●	●
	*0.85 (1.11)	0.76 (0.99)	1,067 (42.0")	1,098 (43.1")	669 (1,470)	5	◐	■	x	◐	◐
	0.88 (1.15)	0.77 (1.01)	1,200 (47.2")	1,270 (50.0")	662 (1,460)	5	◐	■	x	◐	◐
	Counterweight						3,250kg			3,250kg	
	*0.73 (0.96)	0.67 (0.88)	914 (36.0")	946 (37.2")	617 (1,360)	5	●	●	◐	●	●
	*0.85 (1.11)	0.76 (0.99)	1,067 (42.0")	1,098 (43.1")	669 (1,470)	5	◐	◐	x	◐	◐
	0.88 (1.15)	0.77 (1.01)	1,200 (47.2")	1,270 (50.0")	662 (1,460)	5	◐	◐	x	◐	◐
HX180A L	0.96 (1.26)	0.84 (1.10)	1,350 (53.1")	1,420 (55.9")	726 (1,600)	6	■	■	x	x	x
	Counterweight						2,900kg			3,250kg	
	*0.73 (0.96)	0.67 (0.88)	914 (36.0")	946 (37.2")	617 (1,360)	5	●	●	●	●	●
	*0.85 (1.11)	0.76 (0.99)	1,067 (42.0")	1,098 (43.1")	669 (1,470)	5	●	●	◐	●	●
	0.88 (1.15)	0.77 (1.01)	1,200 (47.2")	1,270 (50.0")	662 (1,460)	5	●	●	◐	●	●
	0.96 (1.26)	0.84 (1.10)	1,350 (53.1")	1,420 (55.9")	726 (1,600)	6	◐	◐	■	●	◐
	Counterweight						3,250kg			3,250kg	
	*0.73 (0.96)	0.67 (0.88)	914 (36.0")	946 (37.2")	617 (1,360)	5	●	●	●	●	●
	*0.85 (1.11)	0.76 (0.99)	1,067 (42.0")	1,098 (43.1")	669 (1,470)	5	●	●	◐	●	●
	0.88 (1.15)	0.77 (1.01)	1,200 (47.2")	1,270 (50.0")	662 (1,460)	5	●	●	◐	●	●
	0.96 (1.26)	0.84 (1.10)	1,350 (53.1")	1,420 (55.9")	726 (1,600)	6	●	◐	◐	●	◐

* Hammerless tooth type 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/m³ (2,000 lbf/yd³) or less
- x : Not Recommended

BUCKET SELECTION GUIDE & DIGGING FORCE

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
5.1 m mono boom, 2-piece boom and 2.2 m, 2.6 m, 3.1 m arms are available.

DIGGING FORCE

Boom	Length	mm (ft·in)	5,100 (16' 9") Mono Boom			5,100 (16' 9") 2-Piece Boom		Remark
	Weight	kg (lb)	1,277 (2,810)			1,785 (3,940)		
Arm	Length	mm (ft·in)	2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")	2,200 (7' 3")	2,600 (8' 6")	
	Weight	kg (lb)	807 (1,780)	860 (1,900)	888 (1,960)	807 (1,780)	860 (1,900)	
Bucket Digging Force	SAE	kN	108.0 [117.0]	108.0 [117.0]	108.0 [117.0]	108.0 [117.0]	108.0 [117.0]	[]: Power Boost
		kgf	10,987 [11,930]	10,004 [11,950]	11,006 [11,950]	10,987 [11,930]	11,004 [11,950]	
		lbf	24,222 [26,301]	24,259 [26,345]	24,264 [26,345]	24,222 [26,301]	24,259 [26,345]	
	ISO	kN	126.0 [137.0]	126.0 [137.0]	126.0 [137.0]	126.0 [137.0]	126.0 [137.0]	
		kgf	12,872 [13,980]	12,892 [14,000]	12,894 [14,000]	12,872 [13,980]	12,892 [14,000]	
		lbf	28,379 [30,821]	28,421 [30,865]	28,427 [30,865]	28,379 [30,821]	28,421 [30,865]	
Arm Crowd Force	SAE	kN	87.0 [95.0]	77.0 [84.0]	69.0 [75.0]	87.0 [95.0]	77.0 [84.0]	
		kgf	8,889 [9,650]	7,879 [8,550]	7,035 [7,640]	8,889 [9,650]	7,879 [8,550]	
		lbf	19,596 [21,275]	17,370 [18,850]	15,510 [16,843]	19,596 [21,275]	17,370 [18,850]	
	ISO	kN	92.0 [99.0]	81.0 [88.0]	72.0 [78.0]	92.0 [99.0]	81.0 [88.0]	
		kgf	9,339 [10,140]	8,237 [8,940]	7,314 [7,940]	9,339 [10,140]	8,237 [8,940]	
		lbf	20,590 [22,355]	18,158 [19,709]	16,124 [17,505]	20,590 [22,355]	18,158 [19,709]	

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

STANDARD / OPTION

ENGINE	STD	OPT
Cummins B4.5		
Engine Auto Idle	●	
Engine Auto Shutdown Control	●	
Emergency Engine Stop Switch	●	
HYDRAULIC SYSTEM	STD	OPT
Intelligent Power Control (IPC) Upgrade		
3-Power Mode, 2-Work Mode, User Mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Hyundai Bio Hydraulic oil (HBHO)		●
CAB & INTERIOR	STD	OPT
ISO Standard cabin		
Rise-Up Type Windshield Wiper	●	
Radio / USB Player	●	
Handsfree Mobile Phone System with USB	●	
12V 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	●	
Hot & Cool Box	●	
Storage Compartment	●	
Ashtray & Cigar Lighter		●
Transparent Cabin Roof-Cover	●	
Sun Visor	●	
Door And Cab Locks, One Key	●	
Mechanical Suspension Seat With Heater	●	
Pilot-Operated Slidable Joystick	●	
Console Box Height Adjust System	●	
Automatic climate control		
Air Conditioner & Heater	●	
Defroster	●	
Starting Aid (Air Grid Heater) for Cold Weather	●	
Centralized monitoring		
8" LCD Display	●	
Engine Speed or Trip Meter / Accel.	●	
Engine Coolant Temperature Gauge	●	
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-Steel Cover		●
Seat		
Adjustable Air Suspension Seat With Heater		●
Cabin FOG (ISO 10262) Level 2		
FOG (Falling Object Protective Structure) · ISO 10262 Level 2		●
Cabin ROPS		
ROPS (Roll Over Protective Structures) · ISO 12117-2	●	

SAFETY	STD	OPT
Lifting Mode	●	
Auto Safety Lock	●	
Seatbelt Warning Alarm	●	
Battery Master Switch	●	
Rear View Camera		●
Rear & Mirror View Camera		●
AAVM (Advanced Around View Monitoring)		●
Four Front Working Lights (2 Boom Mounted, 2 Front Frame Mounted)	●	
Travel Alarm	●	
Rear Work Lamp		●
Beacon Lamp		●
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 Mirror	●	
Front Guard - Wire Net		●

ATTACHMENT	STD	OPT
Booms		
5.10 m, 16' 9" Mono	●	
5.10 m, 16' 9" 2-Piece		●
Arms		
2.2 m, 7' 3"		●
2.6 m, 8' 6"	●	
3.1 m, 10' 2"		●

OTHER	STD	OPT
Fuel Pre-Filter	●	
Fuel Warmer	●	
Pre-Cleaner		●
Coolant Heater		●
Self-Diagnostics System	●	
Hi MATE (Remote Management System)		●
Batteries (2 × 12 V × 100 AH)	●	
Fuel Filler Pump (35 lpm)		●
Single-Acting Piping Kit (Breaker, Etc.)		●
Double-Acting Piping Kit (Clamshell, Etc.)		●
Proportional Auxiliary Hydraulic System		●
2 Way Proportional RCV & Pedal Control Selection		●
Rotating Piping Kit		●
Bucket Line Dividing Kit		●
Air Compressor		●
Quick Coupler Piping		●
Quick Coupler		●
One Pedal Straight Travel System		●
Accumulator For Lowering Work Equipment	●	
Pattern Change Valve (2 Patterns)		●
Fine (Cushion/Free) Swing Control		●
Tool Kit		●

UNDERCARRIAGE	STD	OPT
Lower Frame Under Cover	●	
Track Shoes		
Triple Grousers Shoes (500 mm, 20")		●
Triple Grousers Shoes (600 mm, 24")	●	
Triple Grousers Shoe (700 mm, 28")		●
Triple Grousers Shoe (800 mm, 32") - HX180AL Only		●
Track 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.