

**Gross Power**  
194 kW (260 HP) at 2,200 rpm

**Net Power**  
190 kW (255 HP) at 2,200 rpm

**Bucket Capacity**  
1.27 ~ 1.85m<sup>3</sup>

**Operating Weight**  
30,520 kg / 67,290 lb

# HX300A L

With EU Stage V Engine Installed

## ▲ HYUNDAI CONSTRUCTION EQUIPMENT

**Head Office(Sales Office)**

3F, Bundang First Tower, 55 Bundang-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13591, Korea

**Americas Operation : Hyundai Construction Equipment Americas, Inc.**

6100 Atlantic Boulevard Norcross Ga 30071 U.S.A  
TEL (1) 847-678-823-7802 FAX (1) 847-678-823-7778

**Europe Operation : Hyundai Construction Equipment Europe N.V.**

Hyundailaan 4,  
3980 Tessenderlo, Belgium  
TEL (32) 14-56-2200 FAX (32) 14-59-3405

PLEASE CONTACT



# WHAT'S NEWEST AND BEST

**HX300A L**

## THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine **NEW**
- Eco Report **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 / FOG Cabin
- Reinforced Durability of Upper and Lower Structure and Attachments
- Durable Cooling Module

## 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**
- Intelligent & Wide Cluster
- Jog Dial Module
- OME(Owner Menu Editing)
- Combination Speed

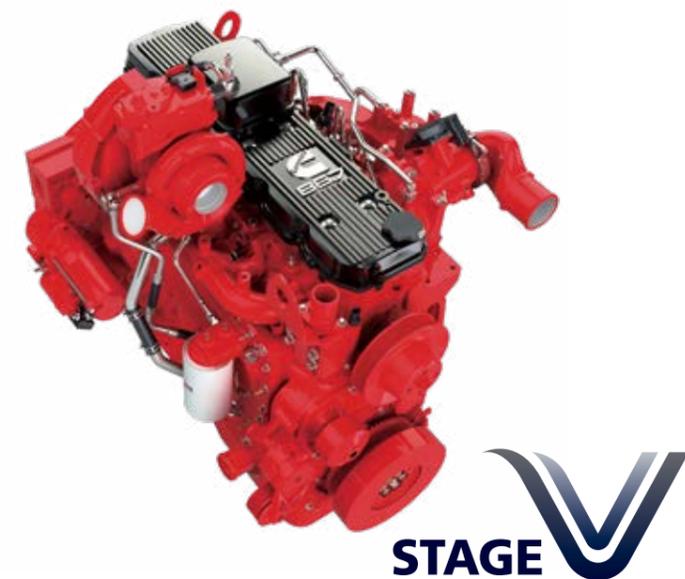


## THE ULTIMATE SAFE ENVIRONMENT

- Auto Safety Lock **NEW**
- AAVM **Option**
- Seatbelt Warning Alarm
- Cabin Suspension Mount

## SERVICEABILITY AND TELEMATICS

- ECD(Engine Connected Diagnostics) **NEW**
- Hi MATE **Option**
- 2x Longer Lasting Filter (1000hr)
- Urea Tank Cover **Upgrade**
- Mobile Fleet App.
- Connected Diagnostics



### EU STAGE V CERTIFIED ENGINE

Cummins B6.7 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 B6.7 for 2019 features an EGR-free design that delivers 5 percent more power and 31 percent more peak torque than the current model. Increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.

Tier4 Final(2014)

EU Stage-V(2019)



### 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)

Leveling

**15%**

Truck loading

**8%**

\* 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.



1 Reinforced Pin, Bush and Polymer Sahim

2 Wear Resistant Cover Plate



We make the best performance in rough working conditions without any unsureness with trustworthy HX300A 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



## Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX A Series have higher durability 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.



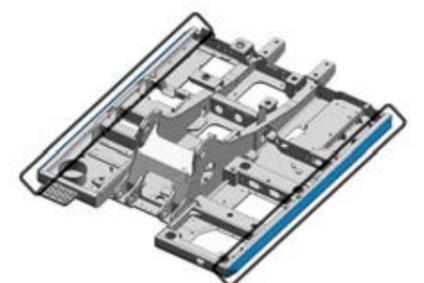
## Durable Cooling Module

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



## Side Protector Option

Protect sides frame during operation in narrow area



\* Photo may include optional equipment.

13%

CABIN SPACE FOR DRIVERS INCREASED BY



310mm

340mm

HYUNDAI

# 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.

## 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.



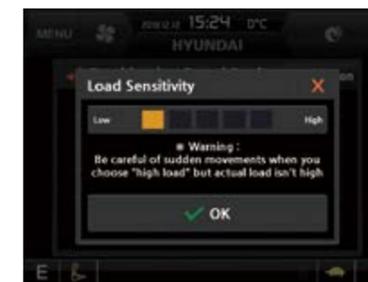
## OME (Owner Menu Editing)

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.



## Combination Speed

Operator can set load sensitivity level, boom priority level against arm and swing. Load sensitivity is controlled by 5 levels of initial flow rate for boom-up and arm-i operation according to attachment weight. Boom priority against arm and swing can be set 10 levels of boom priority against arm and swing.





## HX300A 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 nine 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).



### 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.

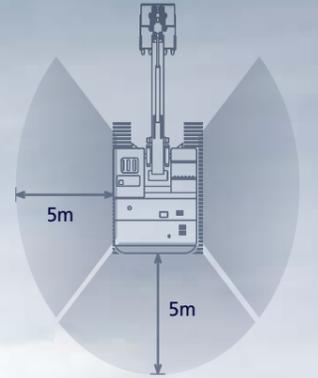
### Cabin Suspension Mount

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



# 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.



\*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.



## 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 Geofence boundary, you will get alerts.

### ECD(Engine Connected Diagnostics) **NEW**

It supports service technician with remote diagnostics report and ensure it arrive on site with proper tools after preparing in advance.

#### We are all connected



### 2x Longer Lasting Filter (1000hr)

The length of product life period is improved from 500 hours to 1,000hours.

### Urea Tank Cover **Upgrade**

Urea Tank Cover with full open type help operator fill urea into the tank directly and more conveniently.



### Mobile Fleet App.

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

### Connected Diagnostics

HCE-DT Air connect 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. Engine connected diagnostics is a kind of cooperated remote diagnostics service between Cummins cloud and Hi MATE cloud. It enables you get engine diagnostics report by cloud based fault code analysis in real-time and prepare parts, tools necessary in advance. It will help increase first visit fix rates.

\*Photo may include optional equipment.

# SPECIFICATIONS

## ENGINE

Maker / Model	Cummins B6.7
Type	6 cylinder, Watercooled, 4-cycle, turbocharged charge aircooled, direct injection, electronic controlled diesel engine
Gross Power	194 kW (260 HP) at 2,200 rpm
Net Power	190 kW (255 HP) at 2,200 rpm
Max. Power	210 kW (282 hp) at 1,800 rpm
Peak Torque	1,350 N · m (996 lb · ft) at 1,300 rpm
Displacement	6.7 ℓ (408 cu in)

## HYDRAULIC SYSTEM

<b>MAIN PUMP</b>	
Type	Variable displacement tandem axis piston pumps
Max. Flow	2 × 285 lpm (75.3 U.S. gpm / 62.7 U.K. gpm)
Sub-Pump for Pilot Circuit	Gear pump

Cross-sensing and fuel saving pump system.

## HYDRAULIC MOTORS

Travel	Variable displacement axial piston motor
Swing	Axial piston motor

## RELIEF VALVE SETTING

Implement Circuits	350 kgf/cm <sup>2</sup> (4,980 psi)
Travel	350 kgf/cm <sup>2</sup> (4,980 psi)
Power Boost (Boom, Arm, Bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing Circuit	300 kgf/cm <sup>2</sup> (4,270 psi)
Pilot Circuit	40 kgf/cm <sup>2</sup> (570 psi)
Service Valve	Installed

## HYDRAULIC CYLINDERS

No. of Cylinder	Boom : Ø140 × 1,465 mm
Bore X Stroke	Arm : Ø150 × 1,765 mm Bucket : Ø135 × 1,185 mm

## DRIVES & BRAKES

Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	27,405 kgf (60,417 lbf)
Max. Travel Speed (High / Low)	6.1 km/hr (3.8 mph) / 3.4 km/hr (2.1 mph)
Gradeability	35° (70%)
Parking Brake	Multi wet disc

## CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot Control	Two joysticks with one safety lever (LH) : Swing and arm, Boom and bucket
Traveling and Steering	Two levers with pedals
Engine Throttle	Electric, dial type

## SWING SYSTEM

Swing Motor	Fixed displacement axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	11.2 rpm

## SWING SYSTEM

Swing Motor	Fixed displacement axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	11.2 rpm

## COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel Tank	500	132.0	110
Engine Coolant	40	10.6	9.3
Engine Oil	24.4	6.4	5.4
Swing Device	11	2.9	2.4
Final Drive (Each)	7.8	2.1	1.72
Hydraulic System (Including Tank)	330	87.2	72.6
Hydraulic Tank	190	50.2	41.8
Def/Adblue®	70	18.5	15.5

## UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center Frame	X - Leg Type
Track Frame	Pentagonal Box Type
No. of Shoes on Each Side	48 EA
No. of Carrier Roller on Each Side	2 EA
No. of Track Roller on Each Side	9 EA
No. of Rail Guard on Each Side	2 EA

## OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,250 mm(20' 6") boom, 3,050 mm(10' 0") arm, SAE heaped 1.27 m<sup>3</sup>(1.66 yd<sup>3</sup>) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

## OPERATING WEIGHT

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

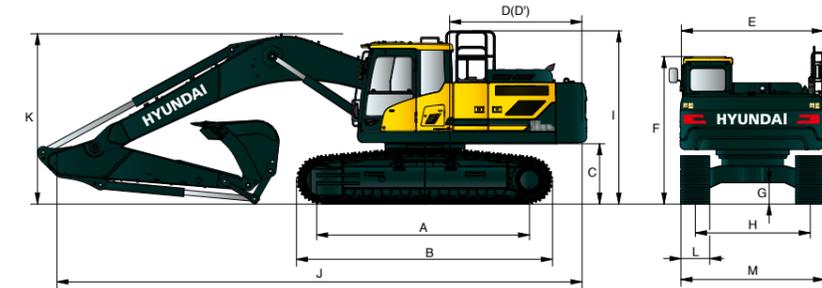
## AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1,430) The system hold 0.8 kg refrigerant consisting of a CO<sub>2</sub> equivalent of 1.14 metric tonnes. For more information, Please refer to the manual.

# DIMENSIONS & WORKING RANGE

## HX300A L / HX300A NL DIMENSIONS

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



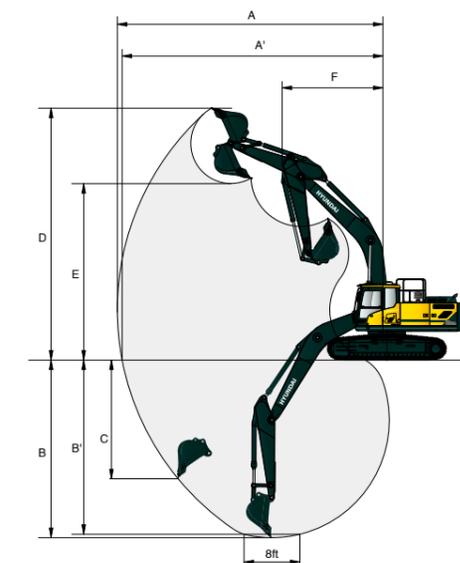
Unit : mm (ft-in)

A Tumbler Distance	4,030 (13' 3")
B Overall Length of Crawler	4,940 (16' 2")
C Ground Clearance of Counter Weight	1,185 (3' 9")
D Tail Swing Radius	3,210 (10' 5")
D' Rear-End Length	3,120 (10' 3")
E Overall Width of Upper Structure	2,980 (9' 9")
F Overall Height of Cab	3,130 (10' 3")
G Min. Ground Clearance	500 (1' 8")
H Track gauge	HX300A L 2,600 (8' 6") HX300A NL 2,390 (7' 10")
I Overall Height of Guardrail	3,335 (10' 11")

Boom Length	6,250 (20' 6")				
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
J Overall Length	10,750 (35' 3")	10,700 (35' 1")	10,600 (34' 9")	10,670 (35' 0")	
K Overall Height of Boom	3,720 (12' 2")	3,560 (11' 8")	3,320 (10' 11")	3,570 (11' 9")	
L Track Shoe	Type	Triple grouser			
	Width	600 (1' 12")	700 (2' 4")	800 (2' 7")	900 (2' 11")
M Overall Width (w/Foot Board)	HX 300A L	3,200 (10' 6")	3,300 (10' 10")	3,400 (11' 1")	3,500 (11' 5")
	HX 300A NL	2,990 (9' 10")	-	-	-

## HX300A L / HX300A NL WORKING RANGE

Unit : mm (ft-in)

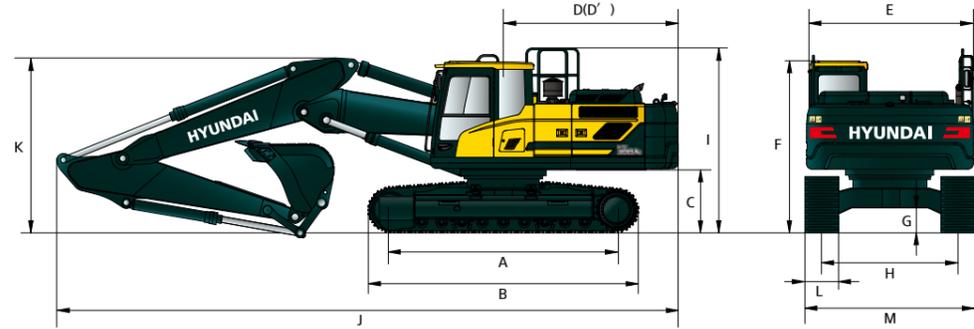


Boom Length	6,250 (20' 6")			
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. Digging Reach	10,040 (32' 11")	10,310 (33' 10")	10,810 (35' 6")	11,420 (37' 6")
A' Max. Digging Reach on Ground	9,820 (32' 3")	10,100 (33' 2")	10,610 (34' 10")	11,230 (36' 10")
B Max. Digging Depth	6,380 (20' 11")	6,780 (22' 3")	7,330 (24' 1")	8,030 (25' 4")
B' Max. Digging Depth (8' Level)	6,180 (20' 3")	6,600 (21' 8")	7,170 (23' 6")	7,890 (25' 11")
C Max. Vertical Wall Digging Depth	5,910 (19' 5")	5,760 (18' 11")	6,280 (20' 7")	6,990 (22' 11")
D Max. Digging Height	10,130 (33' 3")	9,980 (32' 9")	10,200 (33' 6")	10,410 (34' 2")
E Max. Dumping Height	6,990 (22' 11")	6,930 (22' 9")	7,150 (23' 5")	7,360 (24' 2")
F Min. Swing Radius	4,420 (14' 6")	4,320 (14' 2")	4,270 (14' 0")	4,220 (13' 10")

# DIMENSIONS & WORKING RANGE

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

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



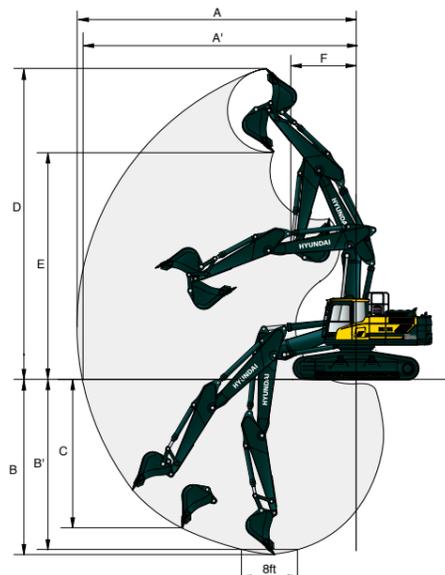
Unit : mm (ft-in)

A	Tumbler Distance	4,030 (13' 3")
B	Overall Length of Crawler	4,940 (16' 2")
C	Ground Clearance of Counter Weight	1,185 (3' 9")
D	Tail Swing Radius	3,210 (10' 5")
D'	Rear-End Length	3,120 (10' 3")
E	Overall Width of Upper Structure	2,980 (9' 9")
F	Overall Height of Cab	3,130 (10' 3")
G	Min. Ground Clearance	500 (1' 8")
H	Track Gauge	2,600 (8' 6")
I	Overall Height of Guardrail	3,335 (10' 11")

Boom Length	6,250 (20' 6")			
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
J Overall Length	10,740 (35' 3")	10,700 (35' 1")	10,650 (34' 11")	10,670 (35' 0")
K Overall Height of Boom	3,510 (11' 6")	3,420 (11' 3")	3,290 (10' 10")	3,580 (11' 9")
L Track shoe width	Triple grouser			
	600 (1' 12")	700 (2' 4")	800 (2' 7")	900 (2' 11")
M Overall Width	HX300A L	3,200 (10' 6")	3,300 (10' 10")	3,400 (11' 2")
	HX300A NL	2,980 (9' 9")	-	-

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

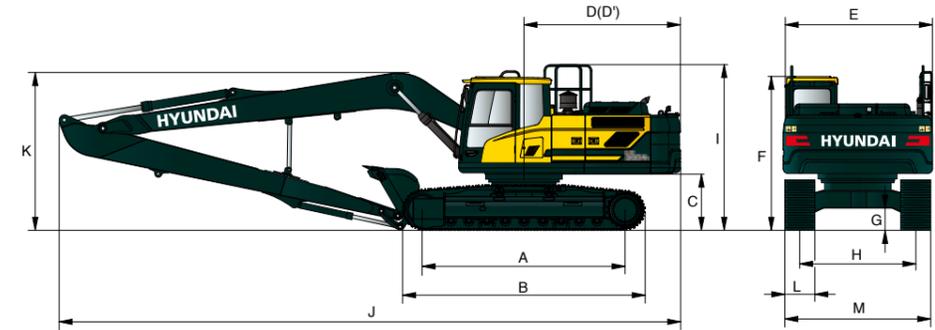
Unit : mm (ft-in)



Boom Length	6,250 (20' 6")			
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. Digging Reach	10,080 (33' 1")	10,360 (34' 0")	10,870 (35' 8")	11,500 (37' 9")
A' Max. Digging Reach on Ground	9,860 (32' 4")	10,150 (33' 4")	10,670 (35' 0")	11,310 (37' 1")
B Max. Digging Depth	5,870 (19' 3")	6,220 (20' 5")	6,760 (22' 2")	7,440 (24' 5")
B' Max. Digging Depth (8' Level)	5,760 (18' 11")	6,120 (20' 1")	6,670 (21' 11")	7,350 (24' 1")
C Max. Vertical Wall Digging Depth	4,950 (16' 3")	5,150 (16' 11")	5,690 (18' 8")	6,390 (21' 0")
D Max. Digging Height	11,590 (38' 0")	11,730 (38' 6")	12,140 (39' 10")	12,600 (41' 4")
E Max. Dumping Height	8,360 (27' 5")	8,500 (27' 11")	8,910 (29' 3")	9,370 (30' 9")
F Min. Swing Radius	3,200 (10' 6")	2,920 (9' 7")	2,650 (8' 8")	2,870 (9' 5")

## HX300A L LONG REACH DIMENSIONS

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



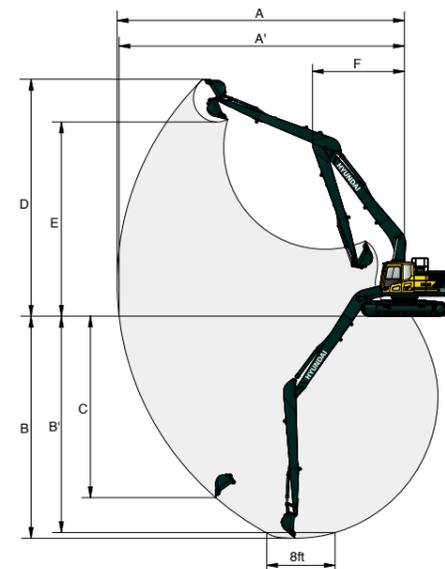
Unit : mm (ft-in)

A	Tumbler Distance	4,030 (13' 3")
B	Overall Length of Crawler	4,940 (16' 2")
C	Ground Clearance of Counter weight	1,185 (3' 9")
D	Tail Swing Radius	3,210 (10' 5")
D'	Rear-End Length	3,120 (10' 3")
E	Overall Width of Upper Structure	2,980 (9' 9")
F	Overall Height of Cab	3,130 (10' 3")
G	Min. Ground Clearance	500 (1' 8")
H	Track Gauge	2,600 (8' 6")
I	Overall Height of Guardrail	3,335 (10' 9")

Boom Length	10,200 (33' 6")
Arm Length	7,850 (25' 9")
J Overall Length	14,600 (47' 11")
K Overall Height of Boom	3,560 (11' 8")
L Track Shoe Width	800 (2' 7")
M Overall Width	3,400 (11' 2")

## HX300A L LONG REACH WORKING RANGE

Unit : mm (ft-in)

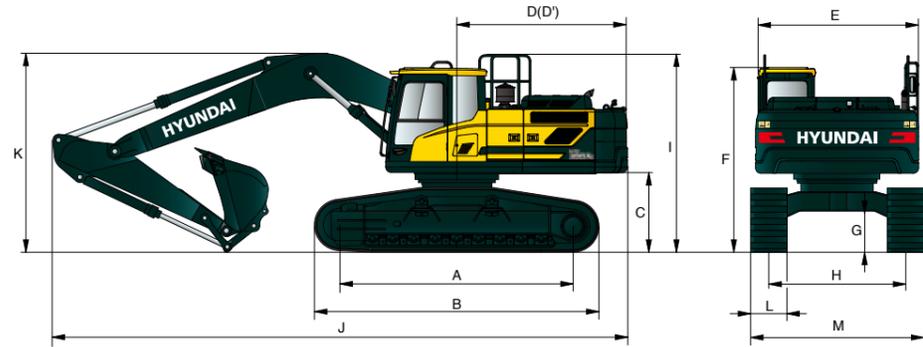


Boom Length	10,200 (33' 6")
Arm Length	7,850 (25' 9")
A Max. Digging Reach	18,530 (60' 10")
A' Max. Digging Reach on Ground	18,410 (60' 5")
B Max. Digging Depth	14,740 (48' 4")
B' Max. Digging Depth (8' Level)	14,660 (48' 1")
C Max. Vertical Wall Digging Depth	13,700 (44' 11")
D Max. Digging Height	14,590 (47' 10")
E Max. Dumping Height	12,270 (40' 3")
F Min. Swing Radius	6,270 (20' 7")

# DIMENSIONS & WORKING RANGE

## HX300AL HIGH WALKER DIMENSIONS

6.25 m (20' 6"), 10.2 m (33' 6") BOOM and 2.1 m (6' 11"), 2.5 m (8' 2"), 3.05 m (10' 0"), 3.75 m (12' 4"), 7.85 m (25' 9") ARM

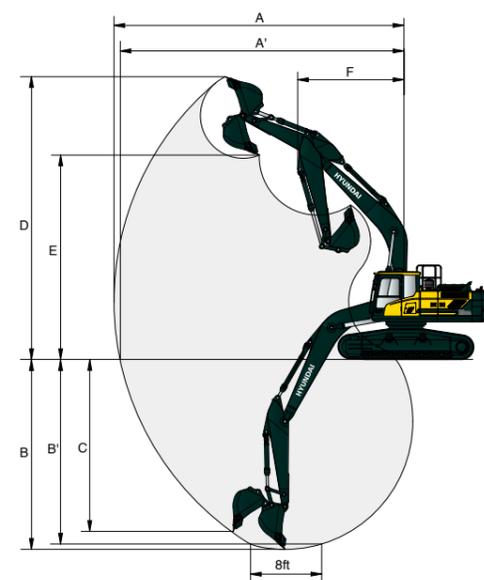


Unit : mm (ft-in)

A Tumbler Distance	4,030 (13' 3")
B Overall Length of Crawler	4,940 (16' 2")
C Ground Clearance of Counterweight	1,490 (4' 9")
D Tail Swing Radius	3,210 (10' 5")
D' Rear-End Length	3,120 (10' 3")
E Overall Width of Upperstructure	2,980 (9' 9")
F Overall Height of Cab	3,430 (11' 9")
G Min. Ground Clearance	765 (2' 6")
H Track Gauge	2,870 (9' 5")
I Overall Height of Guardrail	3,640 (11' 9")

Boom Length	6,250 (20' 6")					10,200 (33' 6")
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	
J Overall Length	10,730 (35' 2")	10,640 (34' 11")	10,450 (34' 3")	10,530 (34' 7")	14,470 (47' 6")	
K Overall Height of Boom	3,830 (12' 7")	3,660 (12' 0")	3,440 (11' 3")	3,540 (11' 7")	3,610 (11' 10")	
L Track Shoe	Type Double grouser					
	Width 700 (2' 4")					
M Overall Width (W/Foot Board)	3,570 (11' 9")					

## HX300A L HIGH WALKER WORKING RANGE



Unit : mm (ft-in)

Boom Length	6,250 (20' 6")					10,200 (33' 6")
Arm Length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	
A Max. Digging Reach	10,040 (32' 11")	10,310 (33' 10")	10,810 (35' 6")	11,420 (37' 6")	18,530 (60' 10")	
A' Max. Digging Reach on Ground	9,750 (32' 0")	10,020 (32' 10")	10,540 (34' 7")	11,170 (36' 8")	18,370 (60' 3")	
B Max. Digging Depth	6,060 (19' 11")	6,460 (21' 2")	7,330 (24' 1")	7,710 (25' 4")	14,420 (47' 4")	
B' Max. Digging Depth (8' Level)	5,860 (19' 3")	6,280 (20' 7")	7,170 (23' 6")	7,570 (24' 10")	14,340 (47' 1")	
C Max. Vertical Wall Digging Depth	5,590 (18' 4")	5,440 (17' 10")	6,280 (20' 7")	6,670 (21' 11")	13,380 (43' 11")	
D Max. Digging Height	10,450 (34' 3")	10,300 (33' 10")	10,200 (33' 6")	10,730 (35' 2")	14,910 (48' 11")	
E Max. Dumping Height	7,320 (24' 0")	7,250 (23' 9")	7,150 (23' 5")	7,680 (25' 2")	12,590 (41' 4")	
F Min. Swing Radius	4,420 (14' 6")	4,320 (14' 2")	4,270 (14' 0")	4,220 (13' 10")	6,270 (20' 7")	

# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

## HX300A L

6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600mm(24") Triple grouser shoe.

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

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600mm(24") Triple grouser shoe.

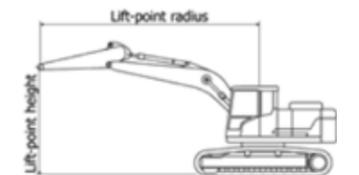
Lift-point height (m/ft)		Lift-point radius								At max. reach				
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity	Reach	
7.5 m (24.6 ft)	kg							*7,410	*7,410			*6,770	*6,770	6.74
	lb							*16,340	*16,340			*14,930	*14,930	(22.1)
6.0 m (19.7 ft)	kg	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

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

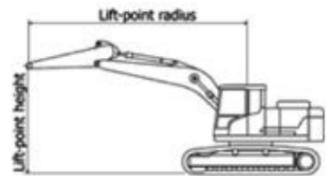
 Rating over-front  Rating over-side or 360 degree

## HX300A L

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius						At max. reach								
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg													*4,400	*4,400	7.38
	lb													*9,700	*9,700	(24.2)
6.0 m (19.7 ft)	kg									*6,760	6,090			*4,210	*4,210	8.30
	lb									*14,900	13,430			*9,280	*9,280	(27.2)
4.5 m (14.8 ft)	kg					*10,020	*10,020	*8,140	*8,140	*7,220	5,890			*4,200	*4,200	8.86
	lb					*22,090	*22,090	*17,950	*17,950	*15,920	12,990			*9,260	*9,260	(29.1)
3.0 m (9.8 ft)	kg					*12,900	11,920	*9,490	7,840	*7,900	5,610	*5,480	4,150	*4,340	4,030	9.14
	lb					*28,440	26,280	*20,920	17,280	*17,420	12,370	*12,080	9,150	*9,570	8,880	(30.0)
1.5 m (4.9 ft)	kg					*15,060	10,880	*10,710	7,300	8,440	5,310	*6,180	4,000	*4,640	3,870	9.17
	lb					*33,200	23,990	*23,610	16,090	18,610	11,710	*13,620	8,820	*10,230	8,530	(30.1)
Ground Line	kg					*15,890	10,310	11,460	6,900	8,160	5,050			*5,150	3,890	8.94
	lb					*35,030	22,730	25,260	15,210	17,990	11,130			*11,350	8,580	(29.3)
-1.5 m (-4.9 ft)	kg	*7,640	*7,640	*11,090	*11,090	*15,730	10,060	11,170	6,650	7,970	4,880			*6,050	4,130	8.44
	lb	*16,840	*16,840	*24,450	*24,450	*34,680	22,180	24,630	14,660	17,570	10,760			*13,340	9,110	(27.7)
-3.0 m (-9.8 ft)	kg	*13,090	*13,090	*17,900	*17,900	*14,740	10,000	*11,060	6,560	7,910	4,830			7,750	4,740	7.61
	lb	*28,860	*28,860	*39,460	*39,460	*32,500	22,050	*24,380	14,460	17,440	10,650			17,090	10,450	(25.0)
-4.5 m (-14.8 ft)	kg			*17,250	*17,250	*12,540	10,130	*9,180	6,660					*8,450	6,220	6.31
	lb			*38,030	*38,030	*27,650	22,330	*20,240	14,680					*18,630	13,710	(20.7)

- 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.



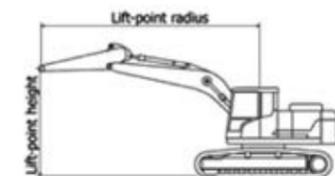
 Rating over-front  Rating over-side or 360 degree

## HX300A L

6.25 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius						At max. reach										
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach		
																m (ft)		
9.0 m (29.5 ft)	kg															*3,820	*3,820	6.87
	lb															*8,420	*8,420	(22.5)
7.5 m (24.6 ft)	kg													*5,120	*5,120	*3,490	*3,490	8.14
	lb													*11,290	*11,290	*7,690	*7,690	(26.7)
6.0 m (19.7 ft)	kg													*6,010	*6,010	*3,370	*3,370	8.97
	lb													*13,250	*13,250	*7,430	*7,430	(29.4)
4.5 m (14.8 ft)	kg									*7,250	*7,250	*6,570	6,010	*5,230	4,380	*3,370	*3,370	9.50
	lb									*15,980	*15,980	*14,480	13,250	*11,530	9,660	*7,430	*7,430	(31.2)
3.0 m (9.8 ft)	kg									*11,450	*11,450	*8,680	8,040	*7,330	5,700	*6,440	4,220	9.76
	lb									*25,240	*25,240	*19,140	17,730	*16,160	12,570	*14,200	9,300	(32.0)
1.5 m (4.9 ft)	kg									*14,020	11,230	*10,060	7,440	*8,110	5,370	6,390	4,030	9.79
	lb									*30,910	24,760	*22,180	16,400	*17,880	11,840	14,090	8,880	(32.1)
Ground Line	kg									*6,810	*6,810	*15,440	10,460	*11,060	6,960	8,190	5,070	9.58
	lb									*15,010	*15,010	*34,040	23,060	*24,380	15,340	18,060	11,180	(31.4)
-1.5 m (-4.9 ft)	kg	*7,060	*7,060	*10,560	*10,560	*15,790	10,050	11,180	6,650	7,950	4,860			*5,710	3,730	*4,750	3,660	9.11
	lb	*15,560	*15,560	*23,280	*23,280	*34,810	22,160	24,650	14,660	17,530	10,710			*12,590	8,220	*10,470	8,070	(29.9)
-3.0 m (-9.8 ft)	kg	*11,090	*11,090	*15,460	*15,460	*15,260	9,890	10,990	6,480	7,820	4,740					*5,900	4,090	8.35
	lb	*24,450	*24,450	*34,080	*34,080	*33,640	21,800	24,230	14,290	17,240	10,450					*13,010	9,020	(27.4)
-4.5 m (-14.8 ft)	kg	*15,980	*15,980	*19,530	*19,530	*13,710	9,930	*10,210	6,480							*7,970	5,060	7.19
	lb	*35,230	*35,230	*43,060	*43,060	*30,230	21,890	*22,510	14,290							*17,570	11,160	(23.6)
-6.0 m (-19.7 ft)	kg									*14,480	*14,480	*10,280	10,220			*8,200	7,860	5.38
	lb									*31,920	*31,920	*22,660	22,530			*18,080	17,330	(17.6)

- 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

## HX300A NL

6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600mm(24") Triple grouser shoe.

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

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600mm(24") Triple grouser shoe.

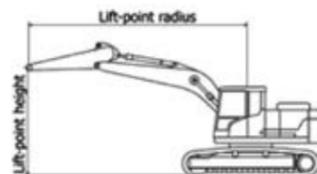
Lift-point height (m/ft)	Lift-point radius								At max. reach					
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg							*7,410	*7,410			*6,770	6,630	6.74
	lb							*16,340	*16,340			*14,930	14,620	(22.1)
6.0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

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.



## HX300A NL

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)	Lift-point radius								At max. reach							
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach	
															m (ft)	
7.5 m (24.6 ft)	kg													*4,400	*4,400	7.38
	lb													*9,700	*9,700	(24.2)
6.0 m (19.7 ft)	kg													*6,760	5,590	8.30
	lb													*14,900	12,320	(27.2)
4.5 m (14.8 ft)	kg													*4,200	4,010	8.86
	lb													*9,260	8,840	(29.1)
3.0 m (9.8 ft)	kg													*12,900	10,770	9.14
	lb													*28,440	23,740	(30.0)
1.5 m (4.9 ft)	kg													*15,060	9,760	9.17
	lb													*33,200	21,520	(30.1)
Ground Line	kg													*15,890	9,210	8.94
	lb													*35,030	20,300	(29.3)
-1.5 m (-4.9 ft)	kg	*7,640	*7,640	*11,090	*11,090	*15,730	8,970	11,130	5,990	7,940	4,410			*6,050	3,730	8.44
	lb	*16,840	*16,840	*24,450	*24,450	*34,680	19,780	24,540	13,210	17,500	9,720			*13,340	8,220	(27.7)
-3.0 m (-9.8 ft)	kg	*13,090	*13,090	*17,900	*17,900	*14,740	8,910	11,030	5,900	7,880	4,360			7,720	4,280	7.61
	lb	*28,860	*28,860	*39,460	*39,460	*32,500	19,640	24,320	13,010	17,370	9,610			17,020	9,440	(25.0)
-4.5 m (-14.8 ft)	kg													*17,250	*17,250	6.31
	lb													*38,030	*38,030	(20.7)

6.25 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)	Lift-point radius								At max. reach							
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach	
															m (ft)	
9.0 m (29.5 ft)	kg													*3,820	*3,820	6.87
	lb													*8,420	*8,420	(22.5)
7.5 m (24.6 ft)	kg													*5,120	*5,120	8.14
	lb													*11,290	*11,290	(26.7)
6.0 m (19.7 ft)	kg													*6,010	5,740	8.97
	lb													*13,250	12,650	(29.4)
4.5 m (14.8 ft)	kg													*7,250	*7,250	9.50
	lb													*15,980	*15,980	(31.2)
3.0 m (9.8 ft)	kg													*6,570	5,520	9.50
	lb													*14,480	12,170	(31.2)
1.5 m (4.9 ft)	kg													*5,230	4,010	9.50
	lb													*11,530	8,840	(31.2)
Ground Line	kg													*6,440	3,850	9.76
	lb													*14,200	8,490	(32.0)
-1.5 m (-4.9 ft)	kg													*14,020	10,100	9.79
	lb													*30,910	22,270	(32.1)
Ground Line	kg													*17,880	10,760	9.79
	lb													*39,460	23,740	(32.1)
-1.5 m (-4.9 ft)	kg		*7,060	*7,060	*10,560	*10,560	*15,790	8,960	11,140	5,980	7,920	4,380		*5,710	3,360	9.11
	lb		*15,560	*15,560	*23,280	*23,280	*34,810	19,750	24,560	13,180	17,460	9,660		*12,590	7,410	(29.9)
-3.0 m (-9.8 ft)	kg		*11,090	*11,090	*15,460	*15,460	*15,260	8,800	10,950	5,820	7,790	4,270				8.35
	lb		*24,450	*24,450	*34,080	*34,080	*33,640	19,400	24							

# LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

Rating over-front Rating over-side or 360 degree

## HX300A L 2-PIECE BOOM

6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600mm(24") Triple grouser shoe.

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

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600mm(24") Triple grouser shoe.

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

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 600mm(24") Triple grouser shoe.

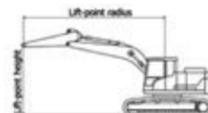
Lift-point height (m/ft)		Lift-point radius										At max. reach			
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity	Reach		
														m (ft)	
10.5 m (34.4 ft)	kg												*7,620	*7,620	3.56
	lb												*16,800	*16,800	(11.7)
9.0 m (29.5 ft)	kg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

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.



## HX300A NL 2-PIECE BOOM

6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach		
												m (ft)
9.0 m (29.5 ft)	kg			*12,080	*12,080					*11,730	*11,730	4.73
	lb			*26,630	*26,630					*25,860	*25,860	(15.5)
7.5 m (24.6 ft)	kg			*11,420	*11,420	*9,410	9,060			*9,160	8,690	6.44
	lb			*25,180	*25,180	*20,750	19,970			*20,190	17,610	(21.1)
6.0 m (19.7 ft)	kg			*12,590	*12,590	*9,580	8,920			*8,070	6,250	7.48
	lb			*27,760	*27,760	*21,120	19,670			*17,790	13,780	(24.5)
4.5 m (14.8 ft)	kg					*10,540	8,550	*8,110	6,140	*7,600	5,430	8.10
	lb					*23,240	18,850	*17,880	13,540	*16,760	11,970	(26.6)
3.0 m (9.8 ft)	kg					*12,130	8,110	*8,570	5,960	*7,490	5,030	8.41
	lb					*26,740	17,880	*18,890	13,140	*16,510	11,090	(27.6)
1.5 m (4.9 ft)	kg					13,650	7,790	*9,120	5,790	*7,680	4,930	8.44
	lb					30,090	17,170	*20,110	12,760	*16,930	10,870	(27.7)
Ground Line	kg					*13,360	7,630	*9,540	5,700	*8,210	5,100	8.19
	lb					*29,450	16,820	*21,030	12,570	*18,100	11,240	(26.9)
-1.5 m (-4.9 ft)	kg			*14,640	11,510	*11,860	7,640	*8,700	5,740	*8,210	5,630	7.64
	lb			*32,280	25,380	*26,150	16,840	*19,180	12,650	*18,100	12,410	(25.1)
-3.0 m (-9.8 ft)	kg							*8,800	7,820			
	lb							*19,400	17,240			

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 600mm(24") Triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius								At max. reach	
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)</			

# LIFTING CAPACITY

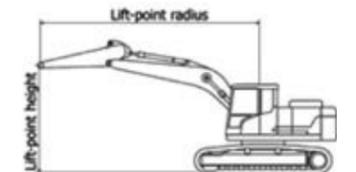
Rating over-front Rating over-side or 360 degree

## HX300A L LONG REACH

10.20 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 800mm(32") Triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										Lift-point radius						At max. reach													
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		15.0m (49.2ft)		16.5m (54.1ft)		Capacity		Reach					
																										m (ft)					
12.0m 39.4ft	kg lb																	*1,060	*1,060							*750	*750	14.12 (46.3)			
10.5m 34.4ft	kg lb																	*1,360	*1,360	*770	*770					*1,650	*1,650	15.07 (49.5)			
9.0m 29.5ft	kg lb																	*1,540	*1,540	*1,150	*1,150					*700	*700	15.83 (51.9)			
7.5m 24.6ft	kg lb																	*1,710	*1,710	*1,400	*1,400					*700	*700	16.41 (53.8)			
6.0m 19.7ft	kg lb																		*2,070	*2,070	*1,600	*1,600	*960	*960			*710	*710	16.83 (55.2)		
4.5m 14.8ft	kg lb																	*2,620	*2,620	*2,430	*2,430	*2,170	*2,170	*1,810	*1,810	*1,180	*1,180	*730	*730	17.12 (56.2)	
3.0m 9.8ft	kg lb																	*3,420	*3,420	*2,970	*2,970	*2,520	*2,520	*2,030	*2,030	*1,340	*1,340	*760	*760	17.26 (56.6)	
1.5m 4.9ft	kg lb																	*3,840	3,630	*3,420	2,950	*2,960	2,430	*2,270	2,010	*1,450	*1,450	*810	*810	17.28 (56.7)	
0.0m 0.0ft	kg lb																	*4,230	3,390	*3,710	2,780	*3,340	2,300	*2,500	1,920	*1,480	*1,480	*870	*870	17.16 (56.3)	
-1.5m -4.9ft	kg lb	*1,320	*1,320	*1,820	*1,820	*3,130	*3,130	*5,930	*5,930	*6,800	5,000	*5,460	3,940					*4,580	3,190	*3,980	2,630	*3,540	2,200	*2,680	1,840	*1,380	*1,380	*950	*950	16.90 (55.5)	
-3.0m -9.8ft	kg lb	*1,960	*1,960	*2,450	*2,450	*3,590	*3,590	*5,880	*5,880	*7,230	4,760	*5,820	3,750					*4,870	3,040	*4,200	2,520	*3,590	2,110	*2,700	1,790	*1,070	*1,070	*1,050	*1,050	16.51 (54.2)	
-4.5m -14.8ft	kg lb	*2,620	*2,620	*3,140	*3,140	*4,230	*4,230	*6,350	6,280	*7,490	4,630	*6,060	3,630					5,000	2,940	4,160	2,440	3,530	2,060	*2,460	1,760			*1,200	*1,200	15.96 (52.4)	
-6.0m -19.7ft	kg lb	*3,310	*3,310	*3,900	*3,900	*5,040	*5,040	*7,170	6,270	*7,590	4,590	6,130	3,570					4,950	2,890	4,120	2,410	3,510	2,040	*1,790	1,760			*1,400	*1,400	15.25 (50.0)	
-7.5m -24.6ft	kg lb	*4,060	*4,060	*4,760	*4,760	*6,010	*6,010	*8,340	6,350	*7,510	4,610	6,130	3,580					4,950	2,900	4,130	2,410	*3,340	2,060					*1,690	*1,690	14.34 (47.0)	
-9.0m -29.5ft	kg lb	*4,900	*4,900	*5,740	*5,740	*7,210	*7,210	*9,080	6,500	*7,240	4,710	*5,960	3,650					*5,000	2,950	4,190	2,480							*2,150	*2,150	13.20 (43.3)	
-10.5m -34.4ft	kg lb	*5,840	*5,840	*6,910	*6,910	*8,770	*8,770	*8,360	6,740	*6,720	4,880	*5,540	3,780					*4,600	3,080									*3,010	2,680	11.75 (38.6)	
-12.0m -39.4ft	kg lb			*8,380	*8,380	*9,270	*9,270	*7,220	7,080	*5,810	5,140	*4,710	4,020																*4,130	3,580	9.86 (32.4)

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.  
 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

## HX300A L HIGH WALKER

6.25 m (20' 6") boom, 2.1 m (6' 11") arm equipped with 700mm(28") Double grouser shoe.

Lift-point height (m/ft)	Lift-point radius								At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity	Reach		
7.5 m (24.6 ft)	kg					*8,010	*8,010		*8,140	*8,140	6.68	
	lb					*17,660	*17,660		*17,950	*17,950	(21.9)	
6.0 m (19.7 ft)	kg					*8,460	*8,460	*7,940	7,220	*7,970	7,030	7.61
	lb					*18,650	*18,650	*17,500	15,920	*17,570	15,500	(25.0)
4.5 m (14.8 ft)	kg					*9,540	*9,540	*8,210	7,070	*7,990	6,140	8.16
	lb					*21,030	*21,030	*18,100	15,590	*17,610	13,540	(26.8)
3.0 m (9.8 ft)	kg					*10,730	9,400	*8,740	6,820	8,030	5,710	8.41
	lb					*23,660	20,720	*19,270	15,040	17,700	12,590	(27.6)
1.5 m (4.9 ft)	kg					*11,570	8,960	*9,180	6,570	7,910	5,590	8.37
	lb					*25,510	19,750	*20,240	14,480	17,440	12,320	(27.5)
Ground	kg					*11,810	8,690	9,150	6,390	8,240	5,780	8.06
Line	lb					*26,040	19,160	20,170	14,090	18,170	12,740	(26.4)
-1.5 m (-4.9 ft)	kg		*14,920	13,130	*11,370	8,570			*8,700	6,420	7.42	
	lb		*32,890	28,950	*25,070	18,890			*19,180	14,150	(24.4)	
-3.0 m (-9.8 ft)	kg	*16,890	*16,890	*13,020	*13,020	*9,720	8,630		*8,730	7,970	6.38	
	lb	*37,240	*37,240	*28,700	*28,700	*21,430	19,030		*19,250	17,570	(20.9)	

6.25 m (20' 6") boom, 2.5 m (8' 2") arm equipped with 700mm(28") Double grouser shoe.

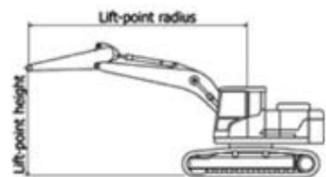
Lift-point height (m/ft)	Lift-point radius								At max. reach					
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity	Reach		
7.5 m (24.6 ft)	kg							*7,410	*7,410		*6,650	*6,650	7.01	
	lb							*16,340	*16,340		*14,660	*14,660	(23.0)	
6.0 m (19.7 ft)	kg	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

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

## HX300A L HIGH WALKER

6.25 m (20' 6") boom, 3.05 m (10' 0") arm equipped with 700mm(28") Double grouser shoe.

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

6.25 m (20' 6") boom, 3.75 m (12' 4") arm equipped with 700mm(28") Double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										At max. reach							
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity	Reach				
9.0 m (29.5 ft)	kg												*3,720	*3,720	7.21			
	lb												*8,200	*8,200	(23.6)			
7.5 m (24.6 ft)	kg									*5,440	*5,440		*3,450	*3,450	8.36			
	lb									*11,990	*11,990		*7,610	*7,610	(27.4)			
6.0 m (19.7 ft)	kg									*6,110	*6,110	*3,880	*3,880	*3,360	*3,360	9.12		
	lb									*13,470	*13,470	*8,550	*8,550	*7,410	*7,410	(29.9)		
4.5 m (14.8 ft)	kg									*7,560	*7,560	*6,730	*6,730	*5,530	5,420	9.58		
	lb									*16,670	*16,670	*14,840	*14,840	*12,190	11,950	*7,470	*7,470	(31.4)
3.0 m (9.8 ft)	kg					*12,100	*12,100	*9,010	*9,010	*7,510	6,990	*6,690	5,250	*3,530	*3,530	9.79		
	lb					*26,680	*26,680	*19,860	*19,860	*16,560	15,410	*14,750	11,570	*7,780	*7,780	(32.1)		
1.5 m (4.9 ft)	kg					*14,450	14,030	*10,330	9,200	*8,270	6,660	*7,090	5,050	*3,790	*3,790	9.76		
	lb					*31,860	30,930	*22,770	20,280	*18,230	14,680	*15,630	11,130	*8,360	*8,360	(32.0)		
Ground	kg							*15,600	13,320	*11,210	8,750	*8,820	6,370	*4,220	*4,220	9.49		
Line	lb							*34,390	29,370	*24,710	19,290	*19,440	14,040	*9,300	*9,300	(31.1)		
-1.5 m (-4.9 ft)	kg	*7,940	*7,940	*11,560	*11,560	*15,740	12,960	*11,530	8,460	8,930	6,170			*4,950	4,790	8.96		
	lb	*17,500	*17,500	*25,490	*25,490	*34,700												

# LIFTING CAPACITY

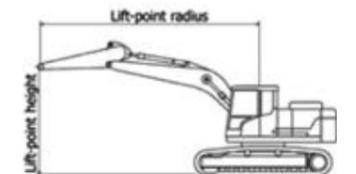
Rating over-front Rating over-side or 360 degree

## HX300A L HIGH WALKER LONG REACH

10.20 m (33' 6") boom, 7.85 m (25' 9") arm equipped with 700mm(28") Double grouser shoe.

Lift-point height (m/ft)	Lift-point radius										Lift-point radius						At max. reach													
	1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		15.0m (49.2ft)		16.5m (54.1ft)		Capacity		Reach					
																									m (ft)					
13.5m 44.3ft	kg																							*790	*790	13.22				
	lb																							*1,740	*1,740	(43.4)				
12.0m 39.4ft	kg																	*1,150	*1,150					*740	*740	14.36				
	lb																	*2,540	*2,540					*1,630	*1,630	(47.1)				
10.5m 34.4ft	kg																	*1,400	*1,400	*880	*880			*710	*710	15.26				
	lb																	*3,090	*3,090	*1,940	*1,940			*1,570	*1,570	(50.1)				
9.0m 29.5ft	kg																	*1,580	*1,580	*1,220	*1,220			*700	*700	15.97				
	lb																	*3,480	*3,480	*2,690	*2,690			*1,540	*1,540	(52.4)				
7.5m 24.6ft	kg																	*1,750	*1,750	*1,450	*1,450	*720	*720	*700	*700	16.52				
	lb																	*3,860	*3,860	*3,200	*3,200	*1,590	*1,590	*1,540	*1,540	(54.2)				
6.0m 19.7ft	kg																		*2,140	*2,140	*1,970	*1,970	*1,650	*1,650	*1,010	*1,010	16.91			
	lb																		*4,720	*4,720	*4,340	*4,340	*3,640	*3,640	*2,230	*2,230	(55.5)			
4.5m 14.8ft	kg																	*2,780	*2,780	*2,530	*2,530	*2,240	*2,240	*1,860	*1,860	17.16				
	lb																	*6,130	*6,130	*5,580	*5,580	*4,940	*4,940	*4,100	*4,100	(56.3)				
3.0m 9.8ft	kg			*8,610	*8,610	*6,030	*6,030	*4,750	*4,750	*4,000	*4,000							*3,520	*3,520	*3,120	*3,120	*2,610	*2,610	*2,090	*2,090	*1,370	*1,370	17.28		
	lb			*18,980	*18,980	*13,290	*13,290	*10,470	*10,470	*8,820	*8,820							*7,760	*7,760	*6,880	*6,880	*5,750	*5,750	*4,610	*4,610	*3,020	*3,020	(56.7)		
1.5m 4.9ft	kg			*3,650	*3,650	*7,380	*7,380	*5,610	*5,610	*4,590	*4,590							*3,930	*3,930	*3,490	*3,490	*3,080	2,980	*2,330	*2,330	*1,460	*1,460	17.26		
	lb			*8,050	*8,050	*16,270	*16,270	*12,370	*12,370	*10,120	*10,120							*8,660	*8,660	*7,690	*7,690	*6,790	6,570	*5,140	*5,140	*3,220	*3,220	(56.6)		
Ground Line	kg		*1,380	*1,380	*3,010	*3,010	*6,720	*6,720	*6,350	*6,350	*5,110	5,110						*4,320	4,140	*3,780	3,410	*3,390	2,860	*2,550	2,410	*1,470	*1,470	*880	*880	17.11
	lb		*3,040	*3,040	*6,640	*6,640	*14,820	*14,820	*14,000	*14,000	*11,270	11,270						*9,520	9,130	*8,330	7,520	*7,470	6,310	*5,620	5,310	*3,240	*3,240	*1,940	*1,940	(56.1)
-1.5m -4.9ft	kg	*1,470	*1,470	*1,950	*1,950	*3,210	*3,210	*5,850	*5,850	*6,910	6,160	*5,550	4,850					*4,660	3,940	*4,030	3,270	*3,590	2,750	*2,700	2,340	*1,330	*1,330	*970	*970	16.83
	lb	*3,240	*3,240	*4,300	*4,300	*7,080	*7,080	*12,900	*12,900	*15,230	13,580	*12,240	10,690					*10,270	8,690	*8,880	7,210	*7,910	6,060	*5,950	5,160	*2,930	*2,930	*2,140	*2,140	(55.2)
-3.0m -9.8ft	kg	*2,110	*2,110	*2,600	*2,600	*3,720	*3,720	*5,950	*5,950	*7,310	5,940	*5,880	4,670					*4,920	3,800	*4,240	3,160	*3,740	2,680	*2,670	2,290			*1,080	*1,080	16.40
	lb	*4,650	*4,650	*5,730	*5,730	*8,200	*8,200	*13,120	*13,120	*16,120	13,100	*12,960	10,300					*10,850	8,380	*9,350	6,970	*8,250	5,910	*5,890	5,050			*2,380	*2,380	(53.8)
-4.5m -14.8ft	kg	*2,770	*2,770	*3,310	*3,310	*4,400	*4,400	*6,510	*6,510	*7,530	5,830	*6,100	4,560					*5,100	3,710	*4,390	3,100	*3,850	2,630	*2,350	2,270			*1,240	*1,240	15.82
	lb	*6,110	*6,110	*7,300	*7,300	*9,700	*9,700	*14,350	*14,350	*16,600	12,850	*13,450	10,050					*11,240	8,180	*9,680	6,830	*8,490	5,800	*5,180	5,000			*2,730	*2,730	(51.9)
-6.0m -19.7ft	kg	*3,480	*3,480	*4,090	*4,090	*5,240	*5,240	*7,400	*7,400	*7,580	5,810	*6,180	4,530					*5,190	3,680	*4,450	3,070	3,870	2,620	*1,550	*1,550			*1,450	*1,450	15.06
	lb	*7,670	*7,670	*9,020	*9,020	*11,550	*11,550	*16,310	*16,310	*16,710	12,810	*13,620	9,990					*11,440	8,110	*9,810	6,770	8,530	5,780	*3,420	*3,420			*3,200	*3,200	(49.4)
-7.5m -24.6ft	kg	*4,240	*4,240	*4,970	*4,970	*6,260	*6,260	*8,660	8,060	*7,470	5,850	*6,120	4,550					*5,140	3,690	*4,390	3,090	*3,000	2,650					*1,770	*1,770	14.10
	lb	*9,350	*9,350	*10,960	*10,960	*13,800	*13,800	*19,090	17,770	*16,470	12,900	*13,490	10,030					*11,330	8,140	*9,680	6,810	*6,610	5,840					*3,900	*3,900	(46.3)
-9.0m -29.5ft	kg	*5,100	*5,100	*5,980	*5,980	*7,530	*7,530	*8,940	8,240	*7,150	5,960	*5,890	4,630					*4,940	3,760	*4,160	3,170							*2,300	*2,300	12.90
	lb	*11,240	*11,240	*13,180	*13,180	*16,600	*16,600	*19,710	18,170	*15,760	13,140	*12,990	10,210					*10,890	8,290	*9,170	6,990							*5,070	*5,070	(42.3)
-10.5m -34.4ft	kg	*6,080	*6,080	*7,210	*7,210	*9,200	*9,200	*8,150	*8,150	*6,560	6,160	*5,390	4,790					*4,450	3,910									*3,320	*3,320	11.37
	lb	*13,400	*13,400	*15,900	*15,900	*20,280	*20,280	*17,970	*17,970	*14,460	13,580	*11,880	10,560					*9,810	8,620									*7,320	*7,320	(37.3)
-12.0m -39.4ft	kg			*8,780	*8,780	*8,810	*8,810	*6,870	*6,870	*5,530	*5,530	*4,430	*4,430															*4,180	*4,180	9.35
	lb			*19,360	*19,360	*19,420	*19,420	*15,150	*15,150	*12,190	*12,190	*9,770	*9,770															*9,220	*9,220	(30.7)

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 m <sup>3</sup> (yd <sup>3</sup> )	1.27 (1.66) 1.50 (1.96) 1.73 (2.26) 1.85 (2.42)	◆ 1.27 (1.66) ◆ 1.46 (1.91)	◆ 1.28 (1.67)	◆ 1.33 (1.74) ◆ 1.50 (1.96)	★ 0.52 (0.68)	◎ 0.55 (0.72)
---	--	--------------------------------	---------------	--------------------------------	---------------	---------------

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)	Weight kg (lb)	Tooth EA	Recommendation mm (ft-in)							
SAE Heaped	CECE Heaped				6,250 (20' 6") Mono boom				6,250 (20' 6") 2PCS boom			10,200 (3' 4") boom
					2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,050 (10' 0") Arm	3,750 (12' 4") Arm	2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,050 (10' 0") Arm	7,850 (25' 9") Arm
1.27 (1.66)	1.11 (1.45)	1,325 (52.2")	1,135 (2,500)	5	●	●	○	■	●	●	●	-
1.50 (1.96)	1.30 (1.70)	1,515 (59.6")	1,225 (2,700)	5	○	○	■	▲	●	●	○	-
1.73 (2.26)	1.51 (1.98)	1,605 (63.2")	1,310 (2,890)	6	■	■	▲	x	○	○	■	-
1.85 (2.42)	1.61 (2.11)	1,700 (66.9")	1,355 (2,990)	6	■	▲	▲	x	○	○	■	-
1.50 (1.96)	1.32 (1.73)	1,250 (49.2")	1,090 (2,400)	5	○	○	■	▲	●	●	○	-
◆ 1.27 (1.66)	1.11 (1.45)	1,380 (54.3")	1,305 (2,880)	5	●	●	○	■	●	●	●	-
◆ 1.46 (1.91)	1.28 (1.67)	1,535 (60.4")	1,395 (3,080)	5	○	○	■	▲	●	●	○	-
◆ 1.28 (1.67)	1.12 (1.46)	1,230 (48.4")	1,285 (2,830)	5	●	●	○	■	●	●	●	-
◆ 1.33 (1.74)	1.16 (1.52)	1,420 (55.9")	1,490 (3,280)	5	○	○	■	▲	●	●	●	-
◆ 1.50 (1.96)	1.30 (1.70)	1,550 (61.0")	1,575 (3,470)	5	■	■	▲	▲	●	●	○	-
★ 0.52 (0.68)	0.45 (0.59)	945 (37.2")	470 (1,040)	5	-	-	-	-	-	-	-	■
◎ 0.55 (0.72)	0.45 (0.59)	1,800 (70.9")	590 (1,300)	-	-	-	-	-	-	-	-	▲

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket
- ★ Long reach bucket
- ◎ Slope finishing bucket

- : Applicable for materials with density of 2,100 kgf/m<sup>3</sup> (3,500 lbf/yd<sup>3</sup>) or less
- : Applicable for materials with density of 1,800 kgf/m<sup>3</sup> (3,000 lbf/yd<sup>3</sup>) or less
- : Applicable for materials with density of 1,500 kgf/m<sup>3</sup> (2,500 lbf/yd<sup>3</sup>) or less
- ▲ : Applicable for materials with density of 1,200 kgf/m<sup>3</sup> (2,000 lbf/yd<sup>3</sup>) or less

## ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 6,250 mm (20' 6"), 10,200 mm (33' 6") Booms and 2,100 mm (6' 11"), 2,500 mm (8' 2"), 3,050 mm (10' 0"), 3,750 mm (12' 4"), 7,850 mm (25' 9"), Arms are available.

## DIGGING FORCE

Boom	Length	mm (ft-in)	6,250 (20' 6")				10,200 (33' 6")	Remark
	Weight	kg (lb)	2,780 (6,130)				3,530 (7,780)	
Arm	Length	mm (ft-in)	2,100 (6' 11")	2,500 (8' 22")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	Power Boost
	Weight	kg (lb)	1,345 (2,970)	1,430 (3,150)	1,545 (3,410)	1,675 (3,690)	1,685 (3,710)	
Bucket Digging Force	SAE	kN	164.8 [179.8]	165.7 [180.8]	165.7 [180.8]	166.7 [181.9]	70.6	[ ]: Power Boost
		kgf	16,800 [18,330]	16,900 [18,440]	16,900 [18,440]	17,000 [18,550]	7,200	
		lbf	37,040 [40,410]	37,260 [40,650]	37,260 [40,650]	37,480 [40,900]	15,870	
	ISO	kN	191.2 [208.6]	191.2 [208.6]	192.2 [209.7]	192.2 [209.7]	82.4	
		kgf	19,500 [21,270]	19,500 [21,270]	19,600 [21,380]	19,600 [21,380]	8,400	
		lbf	42,990 [46,890]	42,990 [46,890]	43,210 [47,130]	43,210 [47,130]	18,520	
Arm Crowd Force	SAE	kN	180.4 [196.8]	155.9 [170.1]	131.4 [143.4]	114.7 [125.1]	47.1	[ ]: Power Boost
		kgf	18,400 [20,070]	15,900 [17,350]	13,400 [14,620]	11,700 [12,780]	4,800	
		lbf	40,570 [44,250]	35,050 [38,250]	29,540 [32,230]	25,790 [28,130]	10,580	
	ISO	kN	190.3 [207.5]	163.8 [178.7]	136.3 [148.7]	119.6 [130.5]	48.1	
		kgf	19,400 [21,160]	16,700 [18,220]	13,900 [15,160]	12,200 [13,310]	4,900	
		lbf	42,770 [46,650]	36,820 [40,170]	30,640 [33,420]	26,900 [29,340]	10,800	

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

# STANDARD / OPTION

HYDRAULIC SYSTEM	STD	OPT
Intelligent Power Control (IPC) <sup>Upgrade</sup>		
3-Power Mode, 2-Work Mode, User Mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control	●	
Electronic Fan Control	●	
CAB & INTERIOR	STD	OPT
ISO Standard Cabin		
Rise-Up Type Windshield Wiper	●	
Radio / USB Player	●	
Handsfree Mobile Phone System with USB	●	
12 V Power Outlet (24 V DC to 12 V DC Converter)	●	
Electric Horn	●	
All-Weather Steel Cab with 360° Visibility	●	
Safety glass - 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	●	
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		
Mechanical Suspension without Heater	●	
Mechanical Suspension with Heater		●
Adjustable Air Suspension without Heater		●
Adjustable Air Suspension with Heater		●
Cabin FOG (ISO 1,0262) Level 2		
FOG (Falling Object Guard)		●
Front & Tops Guard		●
Top Guard		●
Cabin ROPS (ISO 1,2117-2)		
ROPS (Roll Over Protective Structures)		●

SAFETY	STD	OPT
Battery Master Switch	●	
Rearview Camera		●
AAVM (Advanced Around View Monitoring)		●
Six Front Working Lights (4 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		●
Two Outside Rearview Mirror	●	
ATTACHMENT	STD	OPT
Booms		
6.25 m, 20' 6"	●	
10.2 m, 33' 6" Long Reach		●
6.25 m, 20' 6" 2-Piece		●
Arms		
2.1 m, 6' 11"		●
2.5 m, 8' 2"		●
2.85 m, 9' 4"		●
3.05 m, 10' 0"	●	
3.75 m, 12' 4"		●
7.85 m, 25' 9" Long Reach		●
OTHER	STD	OPT
Removable Clean-Out Dust Net for Cooler	●	
Removable Washer Tank	●	
Fuel Pre-Filter	●	
Fuel Warmer	Single	●
	Dual	●
Self-Diagnostics System	●	
Hi MATE (Remote Management System)		●
Batteries (2 X 12 V X 150 AH)	●	
Fuel Filler Pump (50 l/min)		●
Single-Acting Piping Kit (Breaker, etc.)		●
Double-Acting Piping Kit (Clamshell, etc.)		●
Rotating Piping Kit		●
Quick Coupler Piping		●
Quick Coupler		●
Boom Floating Control		●
One Pedal Straight Travel System		●
Accumulator for Lowering Work Equipment	●	
Pattern Change Valve (2 PAtterns, 4 PAtterns)		●
Tool Kit		●
UNDERCARRIAGE	STD	OPT
Lower Frame Under Cover (Additional)		●
Lower Frame Under Cover (Normal)	●	
Track Shoes		
Triple Grousers Shoes (600 mm, 24")	●	
Triple Grousers Shoe (700 mm, 28")		●
Triple Grousers Shoe (800 mm, 32")		●
Triple Grousers Shoe (900 mm, 36")		●
Double Grousers Shoe (700 mm, 28") (HW)		●
Track Rail Guard	●	
Full Track Rail Guard		●
SWING BEARING	STD	OPT
Swing Bearing	●	
Swing Bearing (HW)		●

# MEMO