#### **Gross Power**

209 kW (280hp) at 2,200 rpm

#### **Net Power**

205 kW (275hp) at 2,200 rpm

# Bucket Capacity 1.44 ~ 2.10 m<sup>3</sup>

# Operating Weight 33,000 kg (72,750 lb)

# HX350L



### **▲ HYUNDAI CONSTRUCTION EQUIPMENT**

PLEASE CONTACT

# RULE THE GROUND

**HX350L** 

The HX Series exceeds customer's expectation!

Become a true leader on the ground with HCE's HX Series.

# WORK MAX, WORTH MAX

- IPC (Intelligent Power Control) Upgrade
- Attachment Flow Control Option
- New Cooling System with Increased Air Flow
- Fuel Rate Information
- ECO Gauge
- New Cooling System with Increased Air Flow
- · Enlarged Air Inlet with Grill Cover

## MORE RELIABLE, MORE SUSTAINABLE

- Durable Cooling Module
- Reinforced Pin, Bush, and Polymer Shim
- Reinforced Durability of Upper and Lower Structure and Attachments
- Wear Resistant Cover Plate
- Hi-grade (High-pressure) Hoses

# INFOTAINMENT FRONTIER

- Proportional Auxiliary Hydraulic System Option
- Quick Coupler Button Option
- New Front Side Air Conditioning Systems
- Intelligent and Wide Cluster
- New Air Conditioning System
- Audio System



15% increased greater screen from 7 to 8 inch is applied in HX Series. More functions and better resolution are available with adding premium options.

#### **IPC (Intelligent Power Control)**

Upgrade

HX-LT3 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.



#### **Eco Gauge**

Eco gauge enables economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



# New Cooling System with Increased Air Flow

With the three-floor vertically placed cooling module improving air inflow, HX Series provides excellent cooling performance by increasing heat dissipation and can be easily



#### Attachment Flow Control Option

HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.



#### **Fuel Rate Information**



#### **Enlarged Air Inlet with Grill Cover**

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.







We make the best performance in rough working conditions without any unsureness with trustworthy HX350L.

#### **Durable Cooling Module**

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

# Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX 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.



# Reinforced Pins, Bushing, and Polymer Shims

HX Series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.

#### **Wear Resistant Cover Plate**

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Vibration reduction of buckets enables more stable operation even in high-load work.



#### Hi-grade (High-pressure) Hoses

HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.

# 310 mm IVONDAH. INFOTAINMENT **FRONTIER Improved Instrument Panel for Easier Monitoring** 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 Series is designed with the operator in mind. \* Photo may include optional equipment.

# New Front Side Air-conditioning

The ventilation is designed for both warm and cool air reaching to operator's faces. It could helps operators create more neat and enjoyable atmosphere through indoor air circulation.









#### Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth handsfree feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.



#### **Quick Coupler Button Option**

Easy attachment replacement of equipment is available with quick coupler but-



#### Proportional Auxiliary Hydraulic System Option

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming



#### **Intelligent and Wide Cluster**

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



#### **New Air Conditioning System**

Front side Air Vent holes make operators more convenient and fresh through direct air flow to driver's face, foot and body.



# MODERN COMFORT, SIMPLE AND SAFE SOLUTION New Cabin for More Comfort Low noise, low vibration, and ergonomic design make the cabin space more

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.









#### **Increase Productivity**

WHAT IS BENEFITS

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.

HIMXTE

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, ac-

cess diagnostic information, and ver-

ify machine locations at the touch of



#### **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.





HX 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 Series reflects customers' needs in the field gleaned by thorough monitoring.

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

HX 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).





#### Swing Lock System Option

Swing lock system is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

#### Fine Swing Control Option

This option enables smooth movement at the start and stop of swing operation(Cushion Swing).

#### **Cabin Suspension Mount**

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



## **SPECIFICATIONS**

ENGINE	
Maker / Model	CUMMINS / QSC 8.3
Type	6 Cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, electronic controlled diesel engine
Gross Power	209 kW (280 HP) at 2,200 rpm
Net Power	205 kW (275 HP) at 2,200 rpm
Max. Power	224 kW (300 HP) at 2,000 rpm
Peak Torque	1,356 N·m (1,000 lb·ft) at 1,500 rpm
Displacement	8.3 l. (506 cu in)

#### HYDRAULIC SYSTEM

Variable displacement tandem axis piston
pumps
2×297.5 l/min
Gear pump

#### Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake
RELIEF VALVE SETTING Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	300 kgf/cm <sup>2</sup> (4,270 psi)

#### HYDRAULIC CYLINDERS

Pilot circuit

Service valve

	Boom: 2-Ø150×1,480 mm
No. of cylinder bore X stroke	Arm:1-Ø160×1,685 mm 1-Ø170×1,685 mm (6.15, 6.45 HD Only)
	Bucket: 1-Ø140×1,285 mm
	$1-\emptyset 145 \times 1,285 \text{ mm } (2.20 \text{ Only})$

Installed

40 kgf/cm<sup>2</sup> (570 psi)

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,404 kgf (60,415 lbf)
Max. travel speed (high / low)	6.4 km/hr (3.98 mph) / 3.5 km/hr (2.17 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

#### CONTROL

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

Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, dial type

SWING SYSTEM	
Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10.2 rpm

COOLANT & LUBRICANT CAPACITY					
	liter	US gal	UK gal		
Fuel tank	600	158.5	132		
Engine coolant	25	6.6	5.5		
Engine oil	35	9.2	7.7		
Swing device	11	2.91	2.42		
Final drive (each)	7.8	1.7	1.4		
Hydraulic system (including tank)	414	109.4	91.06		
Hydraulic tank	210	55.5	46.2		

#### 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
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 6,450 mm (21' 2") boom, 2,500 mm (8' 2"), 3,200 mm (10' 6"), 4,050 mm (13' 3") arm, SAE heaped 1.44 m³ (1.88 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

#### OPERATING WEIGHT

Shoes		Ope	Ground pressure		
Type	Width mm		kg (lb)		
Totale	600	HX350L	33,150 (73,083)	0.64 (9.07)	
Triple grouser	700	HX350L	33,720 (74,340)	0.56 (7.91)	
grouser	800	HX350L	34,100 (75,178)	0.49 (7.00)	

#### **AIR CONDITIONING SYSTEM**

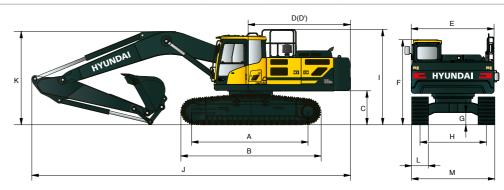
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global warming potential: 1,430)

The system hold 0.8 kg refrigerant consisting of a CO<sub>2</sub> equivalent 1.14 kg metric tonne. For more information, please refer to the manual.

## **DIMENSIONS & WORKING RANGE**

#### **HX350L DIMENSIONS**

6.15 m (20' 2"), 6.45 m (21' 2") MONO BOOM and 2.20 m (7' 3"), 2.50 m (8' 2"), 3.20 m (10' 6"), 4.05 m (13' 3") ARM



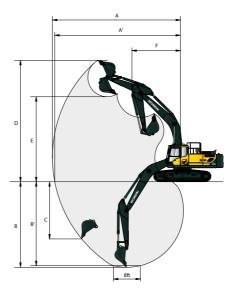
Unit∶mm (ft·in)

A Tumbler distance	4,030 (13' 3")
B Overall length of crawler	4,940 (16' 2")
*C Ground clearance of counterweight	1,200 (3' 11")
D Tail swing radius	3,570 (11' 9")
D' Rear-end length	3,510 (11'6")
E Overall width of upperstructure	2,980 (9' 9")
*F Overall height of cab	3,145 (10' 4")
*G Min. ground clearance	500 (1' 8")
H Track gauge	2,680 (8' 10")
* I Overall height of guardrail (Opt)	3,350 (11' 0")

Boom length	6,450		6,150 (HD)		6,450 (HD)		
	(21' 2")		(20' 2")		(21' 2")		
Arm length	2,500	3,200	4,050	2,200	2,500	2,200	2,500
	(8' 2")	(10' 6")	(13' 3")	(7' 3")	(8' 2")	(7' 3")	(8' 2")
Overall length	11,390	11,220	11,210	11,230	11,080	11,530	11,390
	(37' 4")	(36' 10")	(36' 9")	(36' 10")	(36' 4")	(37' 10")	(37' 4")
Overall height of boom	3,580	3,420	3,900	3,720	3,620	3,680	3,580
	(11' 9")	(11' 3")	(12' 10")	(12' 2")	(11' 11")	(12' 1")	(11' 9")
Track shoe width	600 (24")		700 (28")		800 (32")		
Overall width		,	- ,		3,380 (11' 1")		
	Arm length  Overall length  Overall height of boom  Track shoe width	Arm length 2,500 (8' 2")  Overall length 11,390 (37' 4")  Overall height 3,580 (11' 9")  Track shoe width 60  Overall width	Arm length (21' 2")  Arm length (8' 2") (10' 6")  Overall length (37' 4") (36' 10")  Overall height of boom (11' 9") (11' 3")  Track shoe width (21' 2")  7 280	Arm length (21' 2")  Arm length (2500 3.200 4,050 (8' 2") (10' 6") (13' 3")  Overall length (37' 4") (36' 10") (36' 9")  Overall height of boom (11' 9") (11' 3") (12' 10")  Track shoe width (500 (24") 3.280	Boom length         (21' 2")         (20'           Arm length         2,500 3,200 4,050 2,200 (8' 2") (10' 6") (13' 3") (7' 3")           Overall length         11,390 11,220 11,210 11,230 (36' 10") (36' 9") (36' 10")         11,230 (36' 10") (36' 9") (36' 10")           Overall height of boom         3,580 3,420 3,900 (12' 10") (12' 2")         3,720 (12' 2")           Track shoe width         600 (24")         700 (28")           Overall width         3,280 3,380         3,380	Boom length         (21' 2")         (20' 2")           Arm length         2,500 (8' 2") (10' 6") (13' 3") (7" 3") (8' 2")           Overall length         11,390 (37' 4") (36' 10") (36' 9") (36' 10") (36' 4")           Overall height of boom         3,580 (11' 3") (12' 10") (12' 10") (12' 2") (11' 11')           Track shoe width         600 (24") (24")           Overall width         3,280 (3,80) (3,80) (3,80) (3,80)	Boom length         (21' 2")         (20' 2")         (21'           Arm length         2,500 3,200 4,050 (8' 2") (10' 6") (13' 3")         2,200 2,500 2,200 (7' 3")         2,200 (7' 3")           Overall length         11,390 11,220 11,210 11,230 11,080 (36' 4") (36' 10") (36' 9") (36' 10") (36' 4") (36' 10") (36' 4") (37' 10")         13,580 3,420 3,900 3,720 3,620 3,680 (11' 9") (12' 1")         3,680 (12' 10") (12' 1")           Track shoe width         600 (24")         700 (28")         800 (3           Overall width         3,280 3,280 3,380 3,48

#### **HX350L WORKING RANGE**

Jnit∶mm (ft·in)



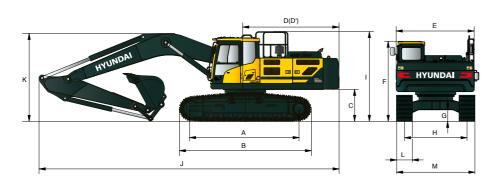
							Unit :	mm (ft·in)
	Boom length		6,450 (21' 2")			(HD) 2")	6,450 (21	(HD) 2")
	Arm length	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	2,200 (7' 3")	2,500 (8' 2")
Α	Max. digging reach	10,500 (34' 5")	11,150 (36' 7")	11,950 (39' 2")	10,020 (32' 10")	10,190 (33' 5")	10,300 (33' 11")	10,500 (34' 5")
A'	Max. digging reach on ground	10,290 (33' 9")	10,950 (35' 11")	11,770 (38' 7")	9,810 (32' 2")	9,980 (32' 9")	10120 (33' 2")	10,290 (33' 9")
В	Max. digging depth	6,660 (21' 10")	7,360 (24' 2")	8,210 (26' 11")	6,150 (20' 2")	6,450 (21' 2")	6,360 (20' 10")	6,660 (21' 10")
B'	Max. digging depth (8' level)	6,450 (21' 2")	7,200 (23' 7")	8,080 (26' 6")	5,950 (19' 6")	6,230 (20' 5")	6,170 (20' 3")	6,450 (21' 2")
C	Max. vertical wall digging depth	5,660 (18' 7")	6,330 (20' 9")	7,240 (23' 9")	5,700 (18' 8")	5,420 (17' 9")	5,970 (19' 7")	5,660 (18' 7")
D	Max. digging height	10,050 (33' 0")	10,360 (34' 0")	10,780 (35' 4")	9,980 (32' 9")	9,760 (32' 0")	10,260 (33' 8")	10,050 (33' 0")
E	Max. dumping height	6,950 (22' 10")	7,260 (23' 10")	7,670 (25' 2")	6,790 (22' 3")	6,670 (21' 11")	7,060 (23' 2")	6,950 (22' 10")
F	Min. swing radius	4,440 (14' 7")	4,360 (14' 4")	4,290 (14' 1")	4,450 (14' 7")	4,290 (14' 1")	4,630 (15' 2")	4,440 (14' 7")

<sup>\*</sup>This figure includes the size of grousers.

## **DIMENSIONS & WORKING RANGE**

#### **HX350L HIGH WALKER DIMENSIONS**

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



M Overall width

Unit∶mm (ft·in)

Unit: mm (ft · in)

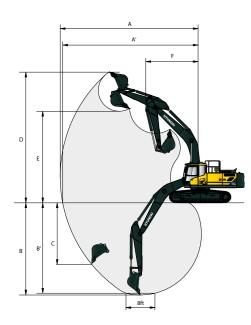
(11' 5")

	Boom length	6,150 (20' 2")	6,450 (21' 2")
Α	Tumbler distance	4,030 (13' 3")	4,030 (13' 3")
В	Overall length of crawler	5,010 (16' 5")	5,010 (16' 5")
*C	Ground clearance of counterweight	1,535 (5' 0")	1,535 (5' 0")
D	Tail swing radius	3,570 (11' 9")	3,505 (11' 6")
D'	Rear-end length	3,505 (11'6")	3,570 (11' 9")
Е	Overall width of upperstructure	2,980 (9' 9")	2,980 (9' 9")
*F	Overall height of cab	3,200 (10' 6")	3,460 (11' 4")
*G	Min. ground clearance	800 (2' 7")	800 (2' 7")
Н	Track gauge	2,870 (9' 5")	2,870 (9' 5")
*	Overall height of guardrail (Opt)	3,410 (11' 2")	3,670 (12' 0")

Boom length	6,450 (21' 2")	6,150 HD (20' 2")	6,450 HD (21' 2")		
Arm length	2,500 3,200 4,050 (8' 2") (10' 6") (13' 3")	2,200 2,500 (7' 3") (8' 2")	2,200 2,500 (7' 3") (8' 2")		
J Overall length	11,340 11,150 11,230 (37' 2") (36' 7") (36' 10")	11,230 11,020 (36' 10") (36' 2")	11,530 11,340 (37' 10") (37' 2")		
*K Overall height of boom	3,650 3,450 3,840 (12' 0") (11' 4") (12' 7")	3,820 3,690 (12' 6") (12' 1")	3,780 3,650 (12' 5") (12' 0")		
L Track type shoe width	Double grouser 700 (28")	·	ole grouser 600 (24")		

(11' 9")

#### **HX350L HIGH WALKER WORKING RANGE**



	Boom length	6	5,450 (21' 2'	')	6,150 HE	) (20' 2")	6,450 HI	) (21' 2")
	Arm length	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	2,200 (7' 3")	2,500 (8' 2")
А	Max. digging reach	10,500 (34' 5")	11,150 (36' 7")	11,950 (39' 2")	10,020 (32' 10")	10,190 (33' 5")	10,330 (33' 11")	10,500 (34' 5")
A'	Max. digging reach on ground	10,220 (33'6")	10,890 (35' 9")	11,710 (38' 5")	9,740 (31' 11")	9,910 (32' 6")	10,050 (33' 0")	10,220 (33' 6")
В	Max. digging depth	6,360 (20' 10")	7,060 (23' 2")	7,910 (25' 11")	5,850 (19' 2")	6,150 (20' 2")	6,060 (19' 11")	6,360 (20' 10")
B'	Max. digging depth (8' level)	6,140 (20' 2")	6,890 (22' 7")	7,780 (25' 6")	5,650 (18' 6")	5,920 (19' 5")	5,860 (19' 3")	6,140 (20' 2")
C	Max, vertical wall digging depth	5,350 (17' 7")	6,030 (19' 9")	6,940 (22' 9")	5,400 (17' 9")	5,110 (16' 9")	5,660 (18' 7")	5,350 (17' 7")
D	Max. digging height	10,350 (33' 11")	10,670 (35' 0")	11,090 (36' 5")	10,280 (33' 9")	10,070 (33' 0")	10,560 (34' 8")	10,350 (33' 11")
Е	Max. dumping height	7,260 (23' 10")	7,570 (24' 10")	7,970 (26' 2")	7,100 (23' 4")	6,980 (22' 11")	7,370 (24' 2")	7,260 (23' 10")
F	Min. swing radius	4,440 (14' 7")	4,360 (14' 4")	4,290 (14' 7")	4,450 (14' 7")	4,290 (14' 1")	4,630 (15' 2")	4,440 (14' 7")

# **LIFTING CAPACITY**

Rating over-front Rating over-side or 360 degree

#### **HX350L MONO BOOM**

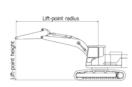
6.45 m (21' 2") boom, 2.50 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe.

					Lift-poir	nt radius				At	t max. reach	า
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	19.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		b	4	b	4	b	45)	b	45)	b	4	m (ft)
7.5 m	kg									*8,810	8,080	6.93
24.6 ft	lb									*19,420	17,810	(22.7)
6.0 m	kg					*9,310	*9,310	*8,720	7,040	*8,720	6,440	7.90
19.7 ft	lb					*20,530	*20,530	*19,220	15,520	*19,220	14,200	(25.9)
4.5 m	kg			*13,720	*13,720	*10,620	9,620	*9,210	6,860	8,350	5,620	8.49
14.8 ft	lb			*30,250	*30,250	*23,410	21,210	*20,300	15,120	18,410	12,390	(27.9)
3.0 m	kg					*12,180	9,110	9,940	6,620	7,780	5,210	8.79
9.8 ft	lb					*26,850	20,080	21,910	14,590	17,150	11,490	(28.8)
1.5 m	kg					*13,440	8,710	9,690	6,400	7,640	5,090	8.82
4.9 ft	lb					*29,630	19,200	21,360	14,110	16,840	11,220	(28.9)
Ground	kg			*15,200	12,900	13,340	8,500	9,540	6,260	7,870	5,220	8.58
Line	lb			*33,510	28,440	29,410	18,740	21,030	13,800	17,350	11,510	(28.2)
-1.5 m	kg			*18,330	12,960	13,290	8,460	9,520	6,240	8,610	5,690	8.06
-4.9 ft	lb			*40,410	28,570	29,300	18,650	20,990	13,760	18,980	12,540	(26.4)
-3.0 m	kg	*21,480	*21,480	*16,620	13,160	*12,740	8,570			*10,120	6,740	7.19
-9.8 ft	lb	*47,360	*47,360	*36,640	29,010	*28,090	18,890			*22,310	14,860	(23.6)
-4.5 m	kg			*13,270	*13,270					*10,000	9,380	5.80
-14.8 ft	lb			*29,260	*29,260					*22,050	20,680	(19.0)

6.45 m (21' 2") boom, 3.20 m (10' 6") arm equipped with 600 mm (24") triple grouser shoe.

						Lift-poir	nt radius					A	t max. read	ch
Lift-po		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)	Capa	acity	Reach
heigh (m/ft		þ	4	ď	4	ď	4	ď	<b>=</b>	ď	4	ď	4	m (ft)
7.5 m	kg							*6,830	*6,830			*5,610	*5,610	7.74
24.6 ft	lb							*15,060	*15,060			*12,370	*12,370	(25.4)
6.0 m	kg							*7,860	7,170			*5,430	*5,430	8.62
19.7 ft	lb							*17,330	15,810			*11,970	*11,970	(28.3)
4.5 m	kg			*11,980	*11,980	*9,650	*9,650	*8,500	6,960	*6,660	5,170	*5,450	5,010	9.17
14.8 ft	lb			*26,410	*26,410	*21,270	*21,270	*18,740	15,340	*14,680	11,400	*12,020	11,050	(30.1)
3.0 m	kg			*15,520	14,140	*11,340	9,280	*9,380	6,680	7,540	5,050	*5,650	4,670	9.44
9.8 ft	lb			*34,220	31,170	*25,000	20,460	*20,680	14,730	16,620	11,130	*12,460	10,300	(31.0)
1.5 m	kg			*17,440	13,250	*12,840	8,810	9,730	6,420	7,400	4,930	*6,050	4,560	9.47
4.9 ft	lb			*38,450	29,210	*28,310	19,420	21,450	14,150	16,310	10,870	*13,340	10,050	(31.1)
Ground	kg			*17,250	12,890	13,360	8,510	9,530	6,240	7,300	4,840	*6,720	4,650	9.25
Line	lb			*38,030	28,420	29,450	18,760	21,010	13,760	16,090	10,670	*14,820	10,250	(30.4)
-1.5 m	kg	*10,800	*10,800	*18,880	12,830	13,220	8,390	9,440	6,160			7,560	4,990	8.77
-4.9 ft	lb	*23,810	*23,810	*41,620	28,290	29,150	18,500	20,810	13,580			16,670	11,000	(28.8)
-3.0 m	kg	*17,460	*17,460	*17,670	12,960	13,270	8,430	9,490	6,210			8,710	5,740	7.98
-9.8 ft	lb	*38,490	*38,490	*38,960	28,570	29,260	18,580	20,920	13,690			19,200	12,650	(26.2)
-4.5 m	kg	*20,570	*20,570	*15,170	13,270	*11,400	8,650					*9,590	7,380	6.76
-14.8 ft	lb	*45,350	*45,350	*33,440	29,260	*25,130	19,070					*21,140	16,270	(22.2)

- 1. Lifting capacity are based on ISO 10567.
- 2. Lifting capacity of HX-LT3 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.



<sup>\*</sup>This figure includes the size of grousers.

# **LIFTING CAPACITY**

Rating over-front Rating over-side or 360 degree

#### **HX350L MONO BOOM**

6.45 m (21' 2") boom, 4.05 m (13' 3") arm equipped with 600 mm (24") triple grouser shoe.

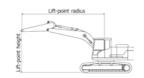
1 264							Lift-poi	nt radius						At	max. rea	ch
Lift-po heigh		1.5 m	(4.9 ft)	3.0 m	(9.8 ft)	4.5 m	(14.8 ft)	6.0 m (	19.7 ft)	7.5 m	(24.6 ft)	9.0 m	(29.5 ft)	Cap	acity	Reach
(m/ft		b	45)	þ	4	b	4	b	4	þ	4	b	4	þ	4	m (ft)
9.0 m	kg									*4,710	*4,710			*4,520	*4,520	7.55
29.5 ft	lb									*10,380	*10,380			*9,960	*9,960	(24.8)
7.5 m	kg													*4,190	*4,190	8.72
24.6 ft	lb													*9,240	*9,240	(28.6)
6.0 m	kg									*6,800	*6,800	*5,820	5,330	*4,060	*4,060	9.50
19.7 ft	lb									*14,990	*14,990	*12,830	11,750	*8,950	*8,950	(31.2)
4.5 m	kg									*7,540	7,050	*7,120	5,220	*4,070	*4,070	10.00
14.8 ft	lb									*16,620	15,540	*15,700	11,510	*8,970	*8,970	(32.8)
3.0 m	kg					*13,310	*13,310	*10,100	9,460	*8,520	6,740	7,550	5,050	*4,200	4,060	10.25
9.8 ft	lb					*29,340	*29,340	*22,270	20,860	*18,780	14,860	16,640	11,130	*9,260	8,950	(33.6)
1.5 m	kg					*16,530	13,520	*11,840	8,890	*9,510	6,420	7,370	4,880	*4,450	3,960	10.28
4.9 ft	lb					*36,440	29,810	*26,100	19,600	*20,970	14,150	16,250	10,760	*9,810	8,730	(33.7)
Ground	kg			*6,350	*6,350	*18,370	12,870	*13,120	8,480	9,470	6,180	7,220	4,740	*4,880	4,010	10.08
Line	lb			*14,000	*14,000	*40,500	28,370	*28,920	18,700	20,880	13,620	15,920	10,450	*10,760	8,840	(33.1)
-1.5 m	kg	*6,460	*6,460	*9,880	*9,880	*18,900	12,620	13,100	8,250	9,310	6,030	7,130	4,670	*5,560	4,250	9.64
-4.9 ft	lb	*14,240	*14,240	*21,780	*21,780	*41,670	27,820	28,880	18,190	20,530	13,290	15,720	10,300	*12,260	9,370	(31.6)
-3.0 m	kg	*10,370	*10,370	*14,450	*14,450	*18,360	12,630	13,040	8,210	9,270	5,990			*6,720	4,750	8.92
-9.8 ft	lb	*22,860	*22,860	*31,860	*31,860	*40,480	27,840	28,750	18,100	20,440	13,210			*14,820	10,470	(29.3)
-4.5 m	kg	*15,020	*15,020	*20,810	*20,810	*16,690	12,840	*12,520	8,320	9,410	6,120			*8,750	5,770	7.86
-14.8 ft	lb	*33,110	*33,110	*45,880	*45,880	*36,800	28,310	*27,600	18,340	20,750	13,490			*19,290	12,720	(25.8)
-6.0 m	kg			*18,370	*18,370	*13,250	*13,250	*9,520	8,690					*8,860	8,220	6.26
-19.7 ft	lb			*40,500	*40,500	*29,210	*29,210	*20,990	19,160					*19,530	18,120	(20.5)

#### **HX350L HD MONO BOOM**

6.15 m (20' 2") boom, 2.20 m (7' 3") arm equipped with 600 mm (24") triple grouser shoe.

1 164	•				Lift-poir	nt radius				At	t max. reach	1
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		b	4	b	4	Ð	4	b	4	b	4	m (ft)
7.5 m	kg					*9,650	*9,650			*9,790	9,330	6.31
24.6 ft	lb					*21,270	*21,270			*21,580	20,570	(20.7)
6.0 m	kg					*9,850	*9,850			*9,550	7,170	7.36
19.7 ft	lb					*21,720	*21,720			*21,050	15,810	(24.2)
4.5 m	kg					*10,990	9,660	*9,700	6,860	9,180	6,170	8.00
14.8 ft	lb					*24,230	21,300	*21,380	15,120	20,240	13,600	(26.2)
3.0 m	kg					*12,450	9,170	9,980	6,650	8,500	5,690	8.31
9.8 ft	lb					*27,450	20,220	22,000	14,660	18,740	12,540	(27.3)
1.5 m	kg					*13,630	8,790	9,770	6,450	8,340	5,550	8.34
4.9 ft	lb					*30,050	19,380	21,540	14,220	18,390	12,240	(27.4)
Ground	kg					13,460	8,590	9,640	6,340	8,650	5,730	8.10
Line	lb					29,670	18,940	21,250	13,980	19,070	12,630	(26.6)
-1.5 m	kg			*18,190	13,100	13,440	8,560	9,680	6,370	9,610	6,330	7.54
-4.9 ft	lb			*40,100	28,880	29,630	18,870	21,340	14,040	21,190	13,960	(24.7)
-3.0 m	kg	*20,790	*20,790	*16,070	13,340	*12,130	8,740			*10,470	7,740	6.59
-9.8 ft	lb	*45,830	*45,830	*35,430	29,410	*26,740	19,270			*23,080	17,060	(21.6)

- 1. Lifting capacity are based on ISO 10567.
- Lifting capacity of HX-LT3 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

#### **HX350L HD MONO BOOM**

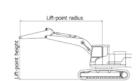
6.15 m (20' 2") boom, 2.50 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe.

1.00					Lift-poir	nt radius				A	t max. reac	h
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	14.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		b	45)	Ð	4	Ð	45)	b	45	Ð	4	m (ft)
7.5 m	kg					*9,030	*9,030			*9,160	8,910	6.53
24.6 ft	lb					*19,910	*19,910			*20,190	19,640	(21.4)
6.0 m	kg					*9,380	*9,380	*9,030	7,020	*9,040	6,940	7.55
19.7 ft	lb					*20,680	*20,680	*19,910	15,480	*19,930	15,300	(24.8)
4.5 m	kg			*13,270	*13,270	*10,570	9,730	*9,350	6,890	8,900	5,980	8.17
14.8 ft	lb			*29,260	*29,260	*23,300	21,450	*20,610	15,190	19,620	13,180	(26.8)
3.0 m	kg					*12,080	9,220	10,000	6,660	8,250	5,520	8.48
9.8 ft	lb					*26,630	20,330	22,050	14,680	18,190	12,170	(27.8)
1.5 m	kg					*13,370	8,790	9,760	6,440	8,080	5,370	8.51
4.9 ft	lb					*29,480	19,380	21,520	14,200	17,810	11,840	(27.9)
Ground	kg			*19,180	12,960	13,430	8,550	9,600	6,300	8,350	5,520	8.27
Line	lb			*42,280	28,570	29,610	18,850	21,160	13,890	18,410	12,170	(27.1)
-1.5 m	kg	*15,260	*15,260	*18,460	12,980	13,370	8,500	9,590	6,280	9,210	6,060	7.72
-4.9 ft	lb	*33,640	*33,640	*40,700	28,620	29,480	18,740	21,140	13,850	20,300	13,360	(25.3)
-3.0 m	kg	*22,150	*22,150	*16,610	13,200	*12,560	8,630			*10,590	7,310	6.81
-9.8 ft	lb	*48,830	*48,830	*36,620	29,100	*27,690	19,030			*23,350	16,120	(22.3)
-4.5 m	kg			*12,680	*12,680					*10,380	*10,380	5.31
-14.8 ft	lb			*27,950	*27,950					*22,880	*22,880	(17.4)

6.45 m (21' 2") boom, 2.20 m (7' 3") arm equipped with 600 mm (24") triple grouser shoe.

					Lift-poir	nt radius				Α	t max. reac	h
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		ď	4	ď	45)	ď	45)	b	45)	b	4	m (ft)
7.5 m	kg					*9,180	*9,180			*9,310	8,400	6.71
24.6 ft	lb					*20,240	*20,240			*20,530	18,520	(22.0)
6.0 m	kg					*9,670	*9,670	*9,060	6,940	*9,100	6,610	7.71
19.7 ft	lb					*21,320	*21,320	*19,970	15,300	*20,060	14,570	(25.3)
4.5 m	kg					*10,920	9,510	*9,430	6,780	8,560	5,730	8.32
14.8 ft	lb					*24,070	20,970	*20,790	14,950	18,870	12,630	(27.3)
3.0 m	kg					*12,400	8,990	9,870	6,540	7,970	5,310	8.62
9.8 ft	lb					*27,340	19,820	21,760	14,420	17,570	11,710	(28.3)
1.5 m	kg					13,480	8,600	9,640	6,330	7,820	5,180	8.65
4.9 ft	lb					29,720	18,960	21,250	13,960	17,240	11,420	(28.4)
Ground	kg					13,260	8,410	9,500	6,200	8,080	5,330	8.41
Line	lb					29,230	18,540	20,940	13,670	17,810	11,750	(27.6)
-1.5 m	kg			*17,770	12,890	13,250	8,390	9,510	6,210	8,900	5,850	7.88
-4.9 ft	lb			*39,180	28,420	29,210	18,500	20,970	13,690	19,620	12,900	(25.8)
-3.0 m	kg	*19,930	*19,930	*15,860	13,120	*12,230	8,550			*9,900	7,020	6.98
-9.8 ft	lb	*43,940	*43,940	*34,970	28,920	*26,960	18,850			*21,830	15,480	(22.9)
-4.5 m	kg			*12,060	*12,060					*9,290	*9,290	5.54
-14.8 ft	lb			*26,590	*26,590					*20,480	*20,480	(18.2)

- Lifting capacity are based on ISO 10567.
   Lifting capacity of HX-LT3 Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
   The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
   (\*) indicates load limited by hydraulic capacity.



# **LIFTING CAPACITY**

Rating over-front Rating over-side or 360 degree

#### **HX350L HD MONO BOOM**

6.45 m (21' 2") boom, 2.50 m (8' 2") arm equipped with 600 mm (24") triple grouser shoe.

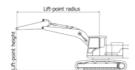
					Lift-poin	nt radius				A	t max. reach	1
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft			45)	Ð	4	Ð	4	Ð	45	b	4	m (ft)
7.5 m	kg									*8,740	8,060	6.93
24.6 ft	lb									*19,270	17,770	(22.7)
6.0 m	kg					*9,240	*9,240	*8,640	7,000	*8,630	6,400	7.90
19.7 ft	lb					*20,370	*20,370	*19,050	15,430	*19,030	14,110	(25.9)
4.5 m	kg			*13,590	*13,590	*10,510	9,580	*9,120	6,810	8,310	5,570	8.49
14.8 ft	lb			*29,960	*29,960	*23,170	21,120	*20,110	15,010	18,320	12,280	(27.9)
3.0 m	kg					*12,040	9,030	*9,850	6,550	7,730	5,150	8.79
9.8 ft	lb					*26,540	19,910	*21,720	14,440	17,040	11,350	(28.8)
1.5 m	kg					*13,280	8,600	9,630	6,310	7,580	5,010	8.82
4.9 ft	lb					*29,280	18,960	21,230	13,910	16,710	11,050	(28.9)
Ground	kg			*17,240	12,700	13,230	8,370	9,460	6,160	7,810	5,140	8.58
Line	lb			*38,010	28,000	29,170	18,450	20,860	13,580	17,220	11,330	(28.2)
-1.5 m	kg			*18,080	12,750	13,170	8,320	9,440	6,140	8,540	5,600	8.06
-4.9 ft	lb			*39,860	28,110	29,030	18,340	20,810	13,540	18,830	12,350	(26.4)
-3.0 m	kg	*21,320	*21,320	*16,370	12,970	*12,560	8,440			*9,980	6,650	7.19
-9.8 ft	lb	*47,000	*47,000	*36,090	28,590	*27,690	18,610			*22,000	14,660	(23.6)
-4.5 m	kg			*13,050	*13,050					*9,830	9,270	5.80
-14.8 ft	lb			*28,770	*28,770					*21,670	20,440	(19.0)

#### HX350L HW MONO BOOM

6.45 m (21' 2") boom, 2.50 m (8' 2") arm equipped with 700 mm (28") triple grouser shoe.

					Lift-poin	nt radius				A1	t max. reach	1
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		b	4	b	4	b	45)	b	45)	b	45)	m (ft)
7.5 m	kg									*8,780	8,530	7.15
24.6 ft	lb									*19,360	18,810	(23.5)
6.0 m	kg					*9,520	*9,520	*8,780	7,820	*8,730	6,970	8.04
19.7 ft	lb					*20,990	*20,990	*19,360	17,240	*19,250	15,370	(26.4)
4.5 m	kg			*14,410	*14,410	*10,910	10,660	*9,350	7,620	8,630	6,190	8.57
14.8 ft	lb			*31,770	*31,770	*24,050	23,500	*20,610	16,800	19,030	13,650	(28.1)
3.0 m	kg					*12,460	10,150	*10,110	7,370	8,140	5,810	8.81
9.8 ft	lb					*27,470	22,380	*22,290	16,250	17,950	12,810	(28.9)
1.5 m	kg					*13,610	9,770	10,160	7,160	8,060	5,730	8.79
4.9 ft	lb					*30,000	21,540	22,400	15,790	17,770	12,630	(28.9)
Ground	kg			*16,680	14,720	14,010	9,590	10,030	7,040	8,400	5,950	8.51
Line	lb			*36,770	32,450	30,890	21,140	22,110	15,520	18,520	13,120	(27.9)
-1.5 m	kg	*12,630	*12,630	*18,080	14,800	*13,740	9,580	10,040	7,050	9,310	6,570	7.92
-4.9 ft	lb	*27,840	*27,840	*39,860	32,630	*30,290	21,120	22,130	15,540	20,530	14,480	(26.0)
-3.0 m	kg	*21,020	*21,020	*16,140	15,050	*12,360	9,740			*10,150	7,960	6.97
-9.8 ft	lb	*46,340	*46,340	*35,580	33,180	*27,250	21,470			*22,380	17,550	(22.9)
-4.5 m	kg			*12,270	*12,270					*9,850	*9,850	5.44
-14.8 ft	lb			*27,050	*27,050					*21,720	*21,720	(17.9)

- 1. Lifting capacity are based on ISO 10567.
- 2. Lifting capacity of HX-LT3 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

#### **HX350L HW MONO BOOM**

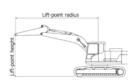
6.45 m (21' 2") boom, 3.20 m (10' 6") arm equipped with 700 mm (28") triple grouser shoe.

1 ***						Lift-poir	nt radius			At max, reach				
Lift-po		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)	Capa	acity	Reach
heigh (m/ft		<b>₽ ₽</b>		ď	4	b	4	b	<b>=</b>	ď	<b>=</b>		<b>=</b>	m (ft)
9.0 m	kg											*6,000	*6,000	6.70
29.5 ft	lb											*13,230	*13,230	(22.0)
7.5 m	kg							*7,510	*7,510			*5,560	*5,560	7.94
24.6 ft	lb							*16,560	*16,560			*12,260	*12,260	(26.1)
6.0 m	kg							*7,950	7,950			*5,420	*5,420	8.75
19.7 ft	lb							*17,530	17,530			*11,950	*11,950	(28.7)
4.5 m	kg			*12,650	*12,650	*9,970	*9,970	*8,660	7,710	*7,170	5,780	*5,480	*5,480	9.24
14.8 ft	lb			*27,890	*27,890	*21,980	*21,980	*19,090	17,000	*15,810	12,740	*12,080	*12,080	(30.3)
3.0 m	kg			*16,150	15,780	*11,650	10,310	*9,550	7,430	7,910	5,650	*5,710	5,220	9.47
9.8 ft	lb			*35,600	34,790	*25,680	22,730	*21,050	16,380	17,440	12,460	*12,590	11,510	(31.1)
1.5 m	kg			*16,720	14,980	*13,070	9,850	10,190	7,180	7,770	5,530	*6,150	5,150	9.45
4.9 ft	lb			*36,860	33,030	*28,810	21,720	22,470	15,830	17,130	12,190	*13,560	11,350	(31.0)
Ground	kg			*17,920	14,680	*13,860	9,590	10,010	7,010	7,690	5,450	*6,890	5,300	9.18
Line	lb			*39,510	32,360	*30,560	21,140	22,070	15,450	16,950	12,020	*15,190	11,680	(30.1)
-1.5 m	kg	*11,970	*11,970	*18,720	14,660	13,920	9,500	9,940	6,950			8,140	5,750	8.65
-4.9 ft	lb	*26,390	*26,390	*41,270	32,320	30,690	20,940	21,910	15,320			17,950	12,680	(28.4)
-3.0 m	kg	*18,970	*18,970	*17,310	14,820	*13,100	9,570	*10,030	7,040			*9,440	6,710	7.78
-9.8 ft	lb	*41,820	*41,820	*38,160	32,670	*28,880	21,100	*22,110	15,520			*20,810	14,790	(25.5)
-4.5 m	kg	*19,520	*19,520	*14,460	*14,460	*10,740	9,850					*9,580	8,920	6.46
-14.8 ft	lb	*43,030	*43,030	*31,880	*31,880	*23,680	21,720					*21,120	19,670	(21.2)

6.45 m (21' 2") boom, 4.05 m (13' 3") arm equipped with 700 mm (28") triple grouser shoe.

1:64	:a						Lift-poi	nt radius						At	max. rea	ch
Lift-po		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)	Cap	acity	Reach
heigh (m/ft		b	4	b	4		4		4		4		4		4	m (ft)
9.0 m	kg									*5,410	*5,410			*4,440	*4,440	7.81
29.5 ft	lb									*11,930	*11,930			*9,790	*9,790	(25.6)
7.5 m	kg													*4,150	*4,150	8.89
24.6 ft	lb													*9,150	*9,150	(29.2)
6.0 m	kg									*6,920	*6,920	*6,120	5,940	*4,060	*4,060	9.62
19.7 ft	lb									*15,260	*15,260	*13,490	13,100	*8,950	*8,950	(31.6)
4.5 m	kg							*8,650	*8,650	*7,720	*7,720	*7,200	5,820	*4,090	*4,090	10.07
14.8 ft	lb							*19,070	*19,070	*17,020	*17,020	*15,870	12,830	*9,020	*9,020	(33.0)
3.0 m	kg					*14,000	*14,000	*10,450	*10,450	*8,710	7,480	*7,740	5,650	*4,240	*4240	10.27
9.8 ft	lb					*30,860	*30,860	*23,040	*23,040	*19,200	16,490	*17,060	12,460	*9,350	*9350	(33.7)
1.5 m	kg					*17,000	15,200	*12,130	9,920	*9,690	7,170	7,730	5,480	*4,520	4,480	10.26
4.9 ft	lb					*37,480	33,510	*26,740	21,870	*21,360	15,810	17,040	12,080	*9,960	9,880	(33.7)
Ground	kg			*6,950	*6,950	*18,570	14,620	*13,290	9,540	9,940	6,940	7,590	5,340	*4,980	4,580	10.01
Line	lb			*15,320	*15,320	*40,940	32,230	*29,300	21,030	21,910	15,300	16,730	11,770	*10,980	10,100	(32.9)
-1.5 m	kg	*7,190	*7,190	*10,660	*10,660	*18,870	14,430	13,770	9,350	9,800	6,810	7,530	5,280	*5,730	4,890	9.52
-4.9 ft	lb	*15,850	*15,850	*23,500	*23,500	*41,600	31,810	30,360	20,610	21,610	15,010	16,600	11,640	*12,630	10,780	(31.2)
-3.0 m	kg	*11,190	*11,190	*15,500	*15,500	*18,140	14,480	*13,490	9,330	9,790	6,800			*7,040	5,540	8.75
-9.8 ft	lb	*24,670	*24,670	*34,170	*34,170	*39,990	31,920	*29,740	20,570	21,580	14,990			*15,520	12,210	(28.7)
-4.5 m	kg	*16,070	*16,070	*22,390	*22,390	*16,210	14,730	*12,150	9,480	*9,020	6,970			*8,800	6,860	7.6
-14.8 ft	lb	*35,430	*35,430	*49,360	*49,360	*35,740	32,470	*26,790	20,900	*19,890	15,370			*19,400	15,120	(24.9)
-6.0 m	kg					*12,230	*12,230							*8,800	*8,800	5.85
-19.7 ft	lb					*26,960	*26,960							*19,400	*19,400	(19.2)

- Lifting capacity are based on ISO 10567.
   Lifting capacity of HX-LT3 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

#### **HX350L HW HD MONO BOOM**

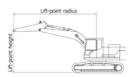
6.15 m (20' 2") boom, 2.20 m (7' 3") arm equipped with 700 mm (28") triple grouser shoe.

				At max, reach								
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		b	4	Ð	45)		45)		45)	Ð	45)	m (ft)
7.5 m	kg					*9,570	*9,570			*9,710	*9,710	6.55
24.6 ft	lb					*21,100	*21,100			*21,410	*21,410	(21.5)
6.0 m	kg					*10,020	*10,020	*9,530	7,760	*9,540	7,730	7.51
19.7 ft	lb					*22,090	*22,090	*21,010	17,110	*21,030	17,040	(24.6)
4.5 m	kg					*11,260	10,710	*9,800	7,630	9,460	6,770	8.08
14.8 ft	lb					*24,820	23,610	*21,610	16,820	20,860	14,930	(26.5)
3.0 m	kg					*12,710	10,220	*10,430	7,410	8,880	6,330	8.34
9.8 ft	lb					*28,020	22,530	*22,990	16,340	19,580	13,960	(27.4)
1.5 m	kg					*13,780	9,860	10,240	7,220	8,800	6,250	8.32
4.9 ft	lb					*30,380	21,740	22,580	15,920	19,400	13,780	(27.3)
Ground	kg					*14,130	9,690	10,140	7,130	9,240	6,540	8.01
Line	lb					*31,150	21,360	22,350	15,720	20,370	14,420	(26.3)
-1.5 m	kg			*17,890	14,960	*13,590	9,700			10,430	7,340	7.39
-4.9 ft	lb			*39,440	32,980	*29,960	21,380			22,990	16,180	(24.3)
-3.0 m	kg	*19,990	*19,990	*15,460	15,250	*11,510	9,940			*10,430	9,220	6.36
-9.8 ft	lb	*44,070	*44,070	*34,080	33,620	*25,380	21,910			*22,990	20,330	(20.9)

6.15 m (20' 2") boom, 2.50 m (8' 2") arm equipped with 700 mm (28") triple grouser shoe.

	Lift-point radius At max, reach													
Lift-po	int	20 (	0.0.(1)	4.5. /4			0.7.61)	7.5 (2	\ 4 C (1)					
heigh		3.0 m (	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	(4.6 ft)	Capa	city	Reach		
(m/ft		b	<b>₽</b>	b	<b>₹</b>	ď	<b>₹</b>	ď	45)	b	<b>₽</b>	m (ft)		
7.5 m	kg					*9,000	*9,000			*9,110	*9,110	6.76		
24.6 ft	lb					*19,840	*19,840			*20,080	*20,080	(22.2)		
6.0 m	kg					*9,560	*9,560	*9,030	7,830	*9,040	7,480	7.70		
19.7 ft	lb					*21,080	*21,080	*19,910	17,260	*19,930	16,490	(25.3)		
4.5 m	kg			*13,920	*13,920	*10,850	10,770	*9,470	7,660	*9,150	6,570	8.25		
14.8 ft	lb			*30,690	*30,690	*23,920	23,740	*20,880	16,890	*20,170	14,480	(27.1)		
3.0 m	kg					*12,370	10,260	*10,170	7,420	8,620	6,140	8.51		
9.8 ft	lb					*27,270	22,620	*22,420	16,360	19,000	13,540	(27.9)		
1.5 m	kg					*13,550	9,860	10,230	7,210	8,530	6,050	8.49		
4.9 ft	lb					*29,870	21,740	22,550	15,900	18,810	13,340	(27.8)		
Ground	kg			*19,120	14,770	*14,060	9,650	10,090	7,080	8,910	6,300	8.19		
Line	lb			*42,150	32,560	*31,000	21,270	22,240	15,610	19,640	13,890	(26.9)		
-1.5 m	kg	*17,520	*17,520	*18,200	14,840	*13,710	9,620	10,120	7,110	9,970	7,010	7.58		
-4.9 ft	lb	*38,620	*38,620	*40,120	32,720	*30,230	21,210	22,310	15,670	21,980	15,450	(24.9)		
-3.0 m	kg	*21,370	*21,370	*16,080	15,100	*12,090	9,810			*10,610	8,680	6.57		
-9.8 ft	lb	*47,110	*47,110	*35,450	33,290	*26,650	21,630			*23,390	19,140	(21.6)		

- 1. Lifting capacity are based on ISO 10567.
- Lifting capacity are based off 300007.
   Lifting capacity of HX-LT3 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

#### **HX350L HW HD MONO BOOM**

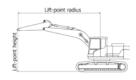
6.45 m (21' 2") boom, 2.20 m (7' 3") arm equipped with 700 mm (28") triple grouser shoe.

1164					Lift-poir	nt radius		At max, reach				
Lift-po		3.0 m (	(9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	19.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh (m/ft		ď	4	b	45)	Ð	45)	Ð	45)	Ð	4	m (ft)
9.0 m	kg									*9,860	*9,860	5.47
29.5 ft	lb									*21,740	*21,740	(18.0)
7.5 m	kg					*9,190	*9,190			*9,240	8,850	6.94
24.6 ft	lb					*20,260	*20,260			*20,370	19,510	(22.8)
6.0 m	kg					*9,860	*9,860	*9,080	7,740	*9,090	7,150	7.85
19.7 ft	lb					*21,740	*21,740	*20,020	17,060	*20,040	15,760	(25.8)
4.5 m	kg					*11,200	10,540	*9,550	7,550	8,840	6,310	8.40
14.8 ft	lb					*24,690	23,240	*21,050	16,640	19,490	13,910	(27.6)
3.0 m	kg					*12,660	10,020	*10,230	7,300	8,320	5,920	8.65
9.8 ft	lb					*27,910	22,090	*22,550	16,090	18,340	13,050	(28.4)
1.5 m	kg					*13,660	9,660	10,110	7,100	8,250	5,850	8.63
4.9 ft	lb					*30,120	21,300	22,290	15,650	18,190	12,900	(28.3)
Ground	kg					13,940	9,510	10,000	6,990	8,630	6,090	8.33
Line	lb					30,730	20,970	22,050	15,410	19,030	13,430	(27.3)
-1.5 m	kg			*17,490	14,740	*13,450	9,520	10,040	7,040	9,640	6,770	7.74
-4.9 ft	lb			*38,560	32,500	*29,650	20,990	22,130	15,520	21,250	14,930	(25.4)
-3.0 m	kg	*19,290	*19,290	*15,330	15,020	*11,770	9,730		·	*9,870	8,330	6.75
-9.8 ft	lb	*42,530	*42,530	*33,800	33,110	*25,950	21,450			*21,760	18,360	(22.2)

6.45 m (21' 2") boom, 2.50 m (8' 2") arm equipped with 700 mm (28") triple grouser shoe.

					Lift-poir	nt radius				At max. reach			
Lift-po		3.0 m (	9.8 ft)	4.5 m (1	14.8 ft)	6.0 m (1	19.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach	
heigh (m/ft		b	4	Ð	45)	b	4	b	4	b	4	m (ft)	
7.5 m	kg									*8,700	8,510	7.15	
24.6 ft	lb									*19,180	18,760	(23.4)	
6.0 m	kg					*9,440	*9,440	*8,690	7,790	*8,640	6,930	8.04	
19.7 ft	lb					*20,810	*20,810	*19,160	17,170	*19,050	15,280	(26.4)	
4.5 m	kg			*14,270	*14,270	*10,800	10,610	*9,250	7,570	8,580	6,130	8.57	
14.8 ft	lb			*31,460	*31,460	*23,810	23,390	*20,390	16,690	18,920	13,510	(28.1)	
3.0 m	kg					*12,320	10,060	*9,990	7,310	8,080	5,740	8.81	
9.8 ft	lb					*27,160	22,180	*22,020	16,120	17,810	12,650	(28.9)	
1.5 m	kg					*13,440	9,660	10,100	7,080	8,000	5,660	8.79	
4.9 ft	lb					*29,630	21,300	22,270	15,610	17,640	12,480	(28.8)	
Ground	kg			*18,780	14,520	*13,880	9,460	9,950	6,950	8,330	5,870	8.51	
Line	lb			*41,400	32,010	*30,600	20,860	21,940	15,320	18,360	12,940	(27.9)	
-1.5 m	kg	*14,350	*14,350	*17,830	14,610	*13,550	9,450	9,960	6,950	9,230	6,480	7.92	
-4.9 ft	lb	*31,640	*31,640	*39,310	32,210	*29,870	20,830	21,960	15,320	20,350	14,290	(26.0)	
-3.0 m	kg	*20,680	*20,680	*15,900	14,860	*12,180	9,610			*10,000	7,860	6.97	
-9.8 ft	lb	*45,590	*45,590	*35,050	32,760	*26,850	21,190			*22,050	17,330	(22.9)	
-4.5 m	kg			*12,050	*12,050					*9,680	*9,680	5.44	
-14.8 ft	lb			*26,570	*26,570					*21,340	*21,340	(17.9)	

- 1. Lifting capacity are based on ISO 10567.
- 2. Lifting capacity of HX-LT3 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			
SAE heaped	GP	HD	RK
m³ (yd³)	1.44	1.44	1.44
	1.74	1.90	1.60
	2.10		1.73

	Canacity						Recomr	mendation m	m (ft.in)		
Capacity m³ (yd²)		Width mm (in)	Weight kg (lb)	Tooth (EA)	6,450 (21' 2") Boom			6,150 (HD) (21' 2") Boom		6,450 (HD) (21' 2") Boom	
SAE Heaped	CECE Heaped				2,500 (8' 2") Arm	3,200 (10' 6") Arm	4,050 (13' 3") Arm	2,200 (7' 3") Arm	2,500 (8' 2") Arm	2,200 (7' 3") Arm	2,500 (8' 2") Arm
<ul><li>1.44 (1.88)</li></ul>	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	•	•	•	•	•	•	•
<ul><li>1.74 (2.28)</li></ul>	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	•	•		•	•	•	•
<ul><li>2.10 (2.75)</li></ul>	1.80 (2.35)	1,910 (75.2")	1,650 (3,640)	6		<b>A</b>	-	•	•		
<b>♦</b> 1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,410 (3,110)	5	•	•	•	•	•	•	•
<b>♦</b> 1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	•		<b>A</b>	•	•	•	•
<b>♦</b> 1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,485 (3,270)	5	•	•	-	•	•	•	•
<b>♦</b> 1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,650 (3,640)	5	•	•	-	•	•	•	•
<b>♦</b> 1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,650 (3,640)	5	•		-	•	•	•	•

- General Purpose
- Heavy duty bucket
- ◆ Rock-Heavy duty bucket

- : Applicable for materials with density of 2,100 kgf/m³ (3,500 lbf/yd³) or less
- ① : 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 : Not Recommended

DIGGING FO	RCE							
Boom	Length	mm (ft·in)		6,450 (21' 2")		6,150 (20' 2") (HD)	, 6,450 (21' 2") (HD)	
DOOM	Weight	kg (lb)		3,030 (6,680)		3,470	Remark	
Arm	Length	mm (ft·in)	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	2,200 (7' 3")	2,500 (8' 2")	Remark
AIIII	Weight	kg (lb)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)	1,560 (3,440)	1,650 (3,640)	
		kN	187.3 [203.4]	188.3 [204.5]	189.3 [205.5]	200.1 [217.2]	187.3 [203.4]	
	SAE	kgf	19,100 [20,740]	19,200 [20,850]	19,300 [20,950]	20,400 [22,150]	19,100 [20,740]	
Bucket		lbf	42,110 [45,720]	42,330 [45,970]	42,550 [46,190]	44,970 [48,830]	42,110 [45,720]	
digging force	ISO	kN	215.7 [234.3]	216.7 [235.3]	217.7 [236.3]	230.5 [250.2]	215.7 [234.3]	
		kgf	22,000 [23,890]	22,100 [23,990]	22,200 [24,100]	23,500 [25,510]	22,000 [23,890]	
		lbf	48,500 [52,670]	48,720 [52,890]	48,940 [53,130]	51,810 [56,240]	48,500 [52,670]	[]:
		kN	175.5 [190.5]	140.2 [152.3]	118.7 [128.9]	220.7 [239.6]	198.1 [215.1]	Power Boost
	SAE	kgf	17,900 [19,430]	14,300 [15,530]	12,100 [13,140]	22,500 [24,430]	20,200 [21,930]	
Arm		lbf	39,460 [42,840]	31,530 [34,240]	26,680 [28,970]	49,600 [53,860]	44,530 [48,350]	
crowd force		kN	184.4 [200.2]	145.1 [157.6]	123.6 [134.2]	231.4 [251.3]	207.9 [225.8]	
	ISO	kgf	18,800 [20,410]	14,800 [16,070]	12,600 [13,680]	23,600 [25,620]	21,200 [23,020]	
		lbf	41,450 [45,000]	32,630 [35,430]	27,780 [30,160]	52,030 [56,480]	46,740 [50,750]	

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

# **STANDARD / OPTION**

ENGINE		STD	OPT
Cummins QSC 8.3  HYDRAULIC SYSTEM		CTD	OPT
		STD	OPI
Intelligent Power Control (			
3-power mode, 2-work mode,	user mode	•	
Variable power control		•	
Pump flow control		•	_
Attachment mode flow control  Engine auto idle	<u> </u>	•	•
Engine auto shutdown control		_	_
CAB & INTERIOR		STD	OPT
		סוט	UFI
ISO Standard Cabin			
Rise-up type windshield wiper		•	
Radio / USB player	no usitabi LICD	•	
Handsfree mobile phone syste		•	
12 V power outlet (24 V DC to Electric horn	12 v DC converter)	•	
All-weather steel cab with 360°	<sup>2</sup> vicibility	•	
Safety glass - Tempered glass	VISIDIIITY	•	
Safety glass - Laminated glass,	Front Window & Glass		•
Safety glass windows		•	
Sliding fold-in front window		•	
Sliding side window (LH)		•	
Lockable door		•	
Hot & Cool box		•	
Storage compartment & Ashtra	ау	•	
Sun visor		•	
Door and cab locks, one key		•	
Pilot-operated slidable joystick		•	
Cabin lights			•
Cabin front window rain guard			•
Transparent cabin roof-cover		•	
Cabin roof-steel cover			•
Automatic Climate Control			
Air conditioner & Heater		•	
Defroster	w cold woodbox	•	
Starting aid (air grid heater) fo Centralized Monitoring	r cold weather	•	
8" LCD display - Normal type			
8" LCD display - Premium type			•
Engine speed or trip meter / Ac			_
Engine coolant temperature ga		•	
Max power		•	
Low speed / High speed		•	
Auto idle		•	
Overload Warning Alarm			•
Air cleaner clogging		•	
Indicators		•	
ECO gauges		•	
Fuel level gauge		•	
Hyd. oil temperature gauge		•	
Warnings		•	
Communication error		•	
Low battery		•	
Clock		•	
Seat	. h		_
Mechanical suspension without			•
Mechanical suspension with he		•	
Adjustable air suspension with			•
Adjustable air suspension with Cabin FOPS	Hedler		•
	structures), ICO 103C3 Laval 3		
FOPS (Falling object protective		•	_
FOG (Falling object guard)	Front & Top guard		•

ROPS (Roll over protective structures) · ISO 12117-2

SAFETY	STD	OPT
Battery master switch	•	
Rearview camera		•
AAVM (Advanced around view monitoring)		•
Front working lights	•	
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		•
Outside rear view mirror	•	
ATTACHMENT	STD	OPT
Booms		
6.45 m, 21' 2" Mono		
6.45 m. 21' 2" HD	_	
6.15 m. 20' 2" HD	_	
Arms		
2.20 m, 7' 3"		
2.20 HI, 7 3 2.50 m. 8' 2"		-
***		_
3.20 m, 10' 6" 4.05 m, 13' 3"	•	-
· · · · · · · · · · · · · · · · · · ·	CTD	007
OTHERS	STD	OPT
Removable clean-out dust net for cooler	•	
Removable washer tank Fuel pre-filter	÷	
Fuel warmer	_	•
Fuel warmer-Dual		•
Self-diagnostics system	•	
Hi MATE (Remote management system)		•
Batteries (2 × 12 V × 150 AH) Fuel filler pump (50 \( \mathbb{l} / \min \)	•	•
Single-acting piping kit (Breaker, etc.)		•
Double-acting piping kit (Clamshell, etc.)		•
Rotating piping kit		•
Quick coupler piping		•
Quick coupler Accumulator for lowering work equipment	•	-
2 Pattern		•
Pattern change valve (4 patterns)		•
Fine swing control system		•
General type guardrail Tool kit		•
Rain cap	•	_
Pre-cleaner		•
JNDERCARRIAGE	STD	ОРТ
Lower frame under cover (Additional)	310	
Lower frame under cover (Additional)		_
	•	
Frack Shoes		
Triple grousers shoes 600 mm (1' 24")	•	_
Triple grousers shoe 700 mm (2' 4")		•
Triple grousers shoe 800 mm (2' 7")		•
Double grousers shoe 700 mm (2' 4")		•

<sup>\*</sup> 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.

<sup>\*</sup> Materials and specifications are subject to change without advance notice.

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