STANDARD/OPTIONS LIST

ENGINE	STD	OTP
Hyundai HM8.3 Engine	●	

HYDRAULIC SYSTEM	STD	OTP
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Pump flow control	●	
Engine auto idle	●	

CAB & INTERIOR	STD	OTP
ISO Standard Cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 V power outlet (24 V DC to 12 V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & Cool box	●	
Storage compartment & Ashtray	●	
Sun visor	●	
Door and cab locks, one key	●	
Pilot-operated slidable joystick	●	
Cabin lights	●	
Automatic Climate Control		
Air conditioner & Heater	●	
Defroster	●	
Starting aid (air grid heater) for cold weather	●	
Centralized Monitoring		
8" LCD display – Normal type	●	
Engine speed or trip meter / Accel	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Overload	●	
Check engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Seat		
Mechanical suspension without heater	●	

SAFETY	STD	OTP
Battery master switch	●	
Rearview camera		●
Six front working lights (4 boom mounted, 2 front frame mounted)	●	
Rear work lamp	●	
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	
Travel alarm		●

Booms		
6.45 m, 21' 2" Mono	●	
Arms		
2.65 m,8'7"	●	
3.2m,10'5"		●
Removable clean-out dust net for cooler	●	
Removable washer tank	●	
Fuel pre-filter	●	
Self-diagnostics system	●	
Hi-mate (Remote management system)	●	
Batteries (2 × 12 V × 160 AH)	●	
Fuel filler pump (50 ℓ/min)	●	
Single-acting piping kit (Breaker, etc.)	●	
Accumulator for lowering work equipment	●	
Tool kit	●	
Centralized lubrication system		●
Lower frame under cover (Normal)	●	
Track Shoes		
Triple grousers shoes (600 mm, 24")	●	

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

HD HYUNDAI CONSTRUCTION EQUIPMENT

Head Office(Sales Office)
11F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

PLEASE CONTACT

2024. SEP

HD HYUNDAI

HX380L

OPERATING WEIGHT: 37200 kgs

GROSS POWER: 260HP @ 2200rpm

Bucket Capacity: 1.44-2.32 m³

building a comfortable tomorrow

*Photo may include optional equipment.

BLOCK HANDLING - GRANITE

BLOCK HANDLING - MARBLE

RULE THE GROUND

The HX Series exceeds customer's expectation!
Become a true leader on the ground with HCE's HX Series.

HX380L

WORK MAX, WORTH MAX

- New Variable Power Control
- Fuel Rate Information
- IPC (Intelligent Power Control)
- ECO Gauge
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- Cycle Time Improvement

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

- New Front Side Air Conditioning Systems
- Intelligent and Wide Cluster
- New Audio System

MODERN COMFORT, SIMPLE AND SAFE SOLUTIONS

- Rear view Camera System (Option)
- Hi-mate (Remote Management System)
- Cab Suspension Mount

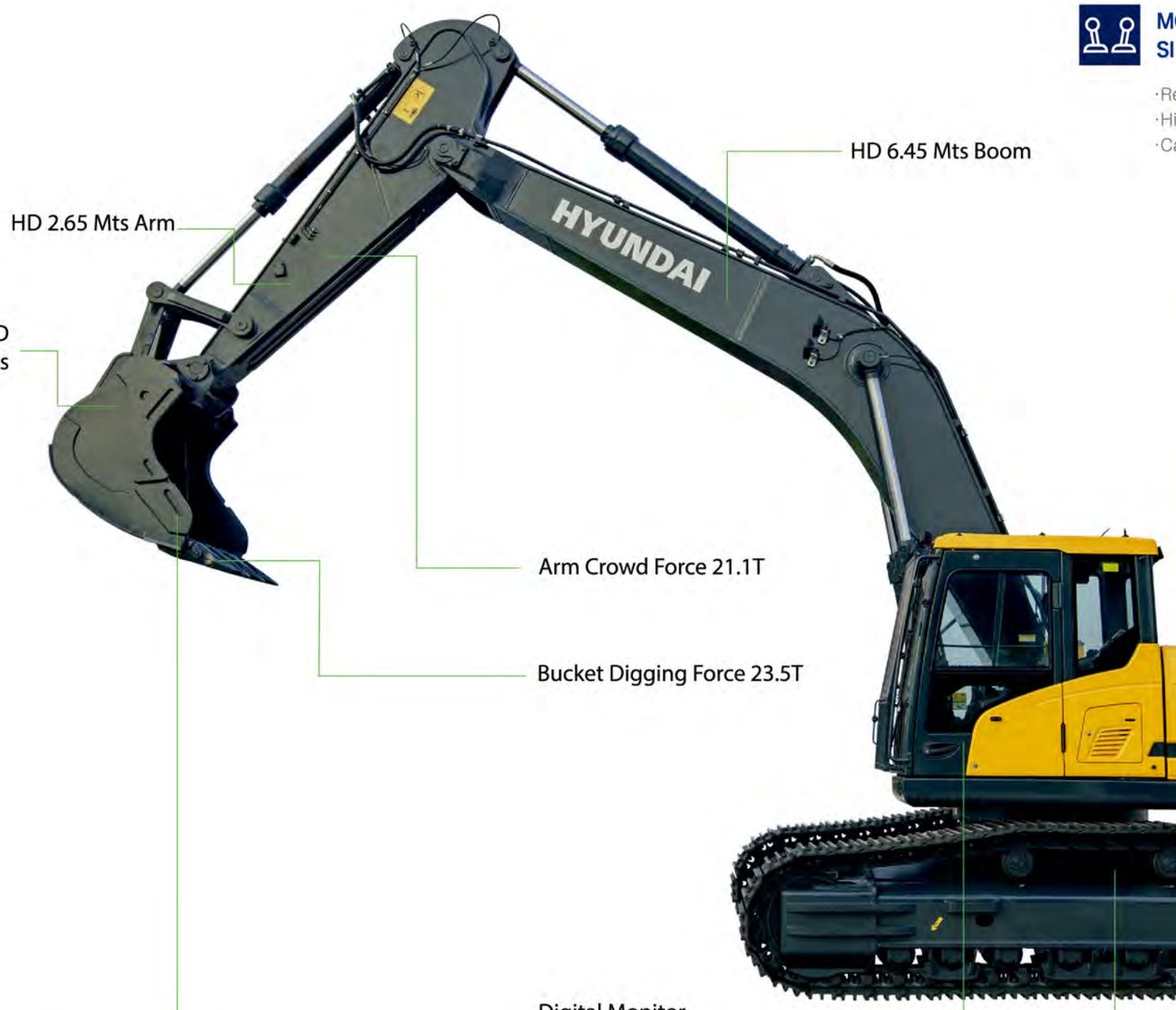


*Photo may include optional equipment.

*Photo may include optional equipment.

New Variable Power Control

The HX Series minimizes equipment input and output control signals to improves fuel efficiency. Its three-stage power mode ensures the highets performance in any operating environment.

* P(power) mode : Maximizes speed and power of the equipment for heavy load work.
* S(standard) mode : Optimizes performance and fuel efficiency of the equipment for general load work.
* E(economy) mode : Improves the control system for light load work.

WORK MAX, WORTH MAX

Fuel Efficiency System, Allows Great Performance

The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

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

Fuel Rate Information

IPC (Intelligent Power Control)

The IPC controls power depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.

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 cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation.

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.

Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 10% faster and levels up to 16% faster than the 9S Series.

MORE RELIABLE,
MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

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

Durable Cooling Module

The 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 the HX Series have higher durability than demanded on the site, as proven through numerous tests including load tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.

Reinforced Pin, Bush, and Polymer Shim

The 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

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

New Front Side Air-conditioning System

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

SPECIFICATIONS

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! The HX Series is designed with the operator in mind.

Intelligent and Wide Cluster

The8-inch interactive touch screen display of the HX Series is 15% larger than that of the previous model.The centralized switches on the display allow the operator to check the temperature outside the cab.

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.

Front Side Air-Vent

New Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free 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.

HI MATE
REMOTE MANAGEMENT SYSTEM

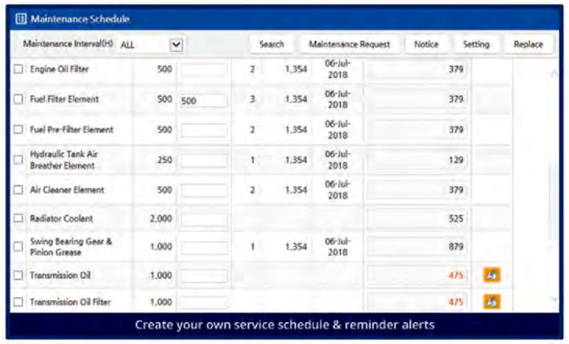
Our Unique remote management system allows customer to access machine operating information & obtain service & maintenance alerts at the touch of a button.

INCREASED PRODUCTIVITY

HI MATE empowers you to enhance the efficiency of your operations. Make better decisions by comparing the machine's operating time with its travelling, idling & breaker use duration.

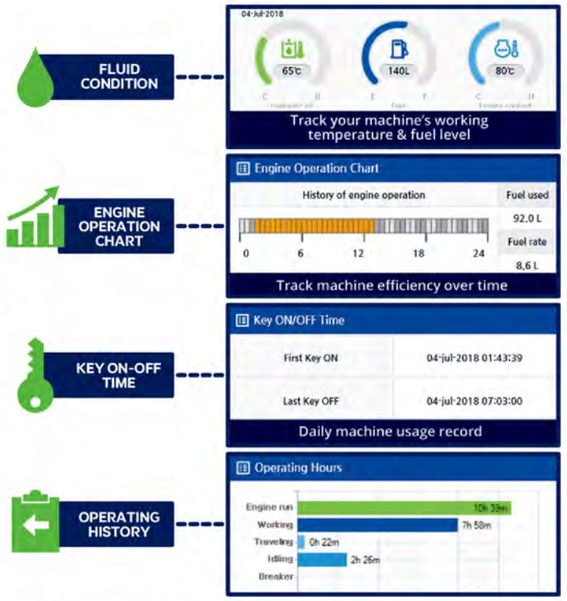
CONVENIENT & EASY MONITORING

Enjoy round the clock & on the move access to your machine's information through the website or the mobile app.



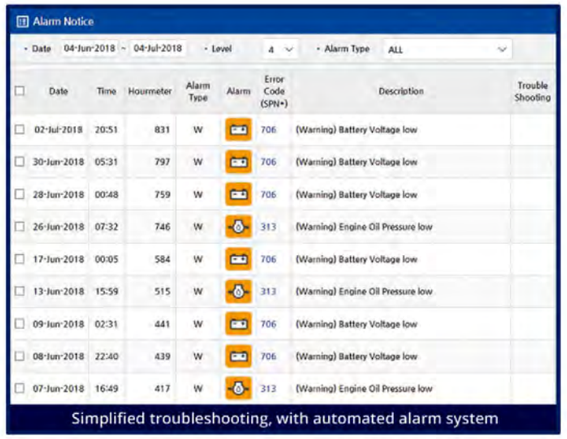
PROACTIVE MAINTAINANCE

Access your machine's service & maintenance history with the utmost convenience. Plan your service schedules intelligently with our regular reminders.



SECURITY & FLEET MONITORING

Protect your machines from theft or unauthorized use. HI MATE's GPS feature allows you to create a geo-fence & alerts you if the machine moves out of the defined boundary.



ALARMS

Get notified of system alarms & protect your machine from critical faults & experience repairs.

RECEIVE LIVE NOTIFICATION THROUGH SMS & HIMATE APPLICATION ALERTS

PARTS & SUPPORT

HYUNDAI GENUINE PARTS

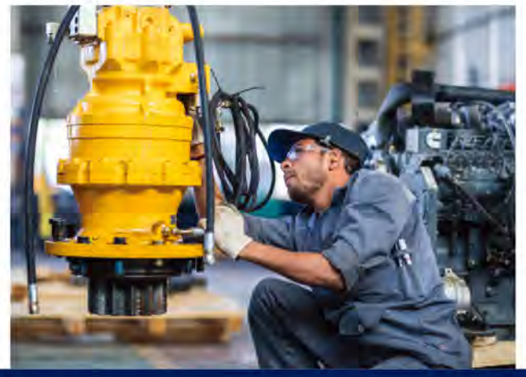
Developed in synergy with our machines, Hyundai parts and lubricants ensure that you get the high levels of performance, reliability and safety that come with the complete Hyundai experience.
Enjoy the confidence and assurance of the most stringent testing procedures and the high quality manufacturing processes safeguarding your machine's health. Experience the versatility of our 200+ strong outlet network across India

WHY RISK IT?

Maximize profits and extend your machine's life.

BENEFITS OF USING GENUINE HYUNDAI PARTS AND LUBRICANTS

- Genuine Hyundai Parts meet strict specifications and standards in Chemistry, Microstructure and Tensile Strength.
- Benefit from the continuous improvements and advancements made by Hyundai's technical team
- Improved performance of hydraulics and engine components
- Enjoy greater productivity with higher uptime
- Higher resale values
- Reduced oil consumption and unexpected breakdowns
- Enhanced component life



SPECIFICATIONS

ENGINE	
Maker / Model	HYUNDAI/HM8.3
Type	6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, mechanical 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	195 kW (261 hp) at 2,000 rpm
Peak Torque	1,150 Nm (848 lb.ft) at 1.300 rpm
Displacement	8.3 (506 cu in)

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2×315 ℓ/min
Sub-pump for pilot circuit	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)
Powerboost(boom,arm,bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	300 kgf/cm² (4,270 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed
HYDRAULIC CYLINDERS	
No. of cylinder bore X stroke	Boom: 2-Ø150×1,480 mm
	Arm:1-Ø170×1,685 mm
	Bucket: 1-Ø140×1,285 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	32,011 kgf (70,572.17 lbf)
Max. travel speed (high / low)	5km/hr (3.1mph)/3.1km/hr(1.92mph)
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	11.2 rpm

COOLANT & LUBRICANT CAPACITY	
	liter
Fuel tank	600
Engine coolant	25
Engine oil	26.5
Swing device	11
Final drive (each)	8.0 (7.8)
Hydraulic system (including tank)	414
Hydraulic tank	210

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes 16.5mm track shoes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with 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	8 EA
No. of rail guard on each side	3 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,450 mm (21'2") boom, 2,650mm (8' 7") arm, SAE heaped 1.44 m³ (1.88 yd³) bucket, counter weight 6600 kg lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments

OPERATING WEIGHT			
Shoes		Operating weight	Ground pressure
Type	Width mm	kg	kgf/cm²
Triple grouser	600	37200 kg	0.71 kg/cm² (10.1 psi)

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_2 equivalent 1.14 kg metric tonne. For more information, please refer to the manual.

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped
m^3

2.10 (GP)
2.32 (GP)

1.44 (RB)

1.62 (HD)

1.86 (HD)

Capacity m^3			Width mm (in)	Weight kg (lb)	Tooth	Recommendation mm(ft in)·	
						6,450 (21' 2") Boom 6600kg-CWT	6,450 (21' 2") Boom 6600kg-CWT
Bucket Type	SAE heaped	CECE heaped				2,650(8' 7") Arm	3200(10.6") Arm
GP	1.44	1.27	1062	1393	4	◐	◐
GP	2.10	1.85	1489	1492	5	▲	▲
GP	2.32	2.04	1587	1823	6	X	X
HD	1.62	1.43	1268	1585	5	■	■
HD	1.86	1.64	1546	1764	5	▲	▲

● : Applicable for materials with density of 2,100 kg/m³ (3,500 lb/yd³) or less
◐ : Applicable for materials with density of 1,800 kg/m³ (3,000 lb/yd³) or less
■ : Applicable for materials with density of 1,500 kg/m³ (2,500 lb/yd³) or less
▲ : Applicable for materials with density of 1,200 kg/m³ (2,000 lb/yd³) or less
X : Not Recommended

ATTACHMENTS

Boom and arm are welded with a low-stress, full-box section design. 6.45m Boom and 2.65m & 3.2 m Arm

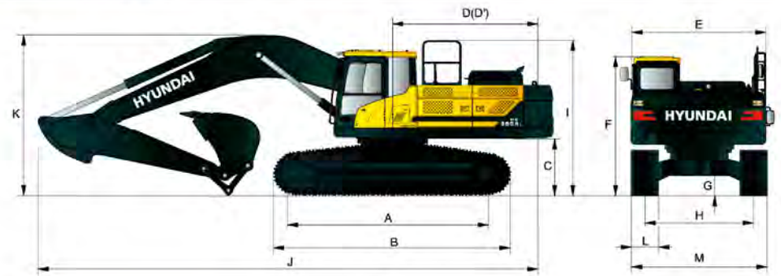
DIGGING FORCE				
Boom	Length	mm (ft·in)	6,450 (21' 2")	6,450 (21' 2")
	Weight	kg (lb)	3,030 (6,680)	3,030 (6,680)
Arm	Length	mm (ft·in)	2,650 (8' 7")	3200 (10'6")
	Weight	kg (lb)	1,257.5 (2,771)	
Bucket digging force	SAE	kN	187.3 [204.4]	170.5 [185.2]
		kgf	19,100 [20,840]	17,384.3 [18874.4]
		lbf	42,110 [45,940]	38325.7 [41610.8]
	ISO	kN	215.7 [235.4]	197.9 [214.8]
		kgf	21,600 [23,450]	20170.8 [21899.8]
		lbf	48,500 [52,910]	44469.0[48280.6]
Arm crowd force	SAE	kN	175.5 [191.5]	163.8[177.8]
		kgf	17,900 [19,530]	16693.0[18123.9]
		lbf	39,460 [43,060]	36801.8[39956.2]
	ISO	kN	184.4 [201.1]	171.7[186.4]
		kgf	19,400 [21,100]	17501.7[9001.9]
		lbf	41,450 [45,220]	38584.7[41892.0]

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

DIMENSION & WORKING RANGE

HX380L DIMENSIONS

6.45 m (21' 2"), BOOM and 2.65 m (8' 7") & 3.2 m (10.6) ARM



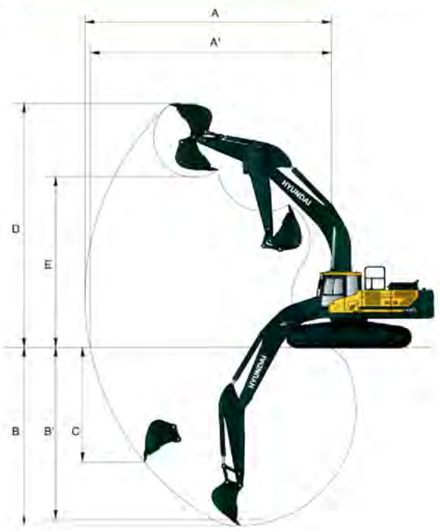
unit : mm (ft in)

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	3,160 (10' 4")

G	Min. ground clearance	500 (1' 8")
H	Track gauge	2,590 (8' 5")
J	Overall length	11,340 (37' 2")
K	Overall height of boom	3,760 (12' 3")
L	Track shoe width	600 (24")
M	Overall width	3,190 (10' 5")

HX380L WORKING RANGE

unit : mm (ft in)



	Description	2.65m Arm	3.2m Arm
A	Max. digging reach	10,718 (35'2")	11,215 (36'10")
A'	Max. digging reach on ground	10,515 (34'6")	11,022 (36'2")
B	Max. digging depth	6,968 (22'10")	7,518 (24'8")
B'	Max. digging depth (8' level)	6,771 (22'3")	7,346 (24'1")
C	Max. vertical wall digging depth	6,331 (20'9")	6,876 (22'7")
D	Max. digging height	10,132 (33'3")	10,355 (33'12")
E	Max. dumping height	6,697 (21'12")	6,901 (22'8")
F	Min. swing radius	4,566 (14'12")	4,436 (14'7")

LIFTING CAPACITIES

Rating over-front Rating over-side or 360 degree

LIFTING CAPATIES

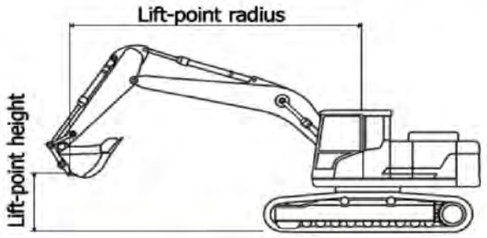
6.45 m (21' 2") boom, 2.65 m (8' 7") arm equipped with 600 mm (24") triple grouser shoe and 6,600kg (13230 lb) counterweight

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m(ft)
7.5m	kg											*6620	5960	7.12
24.6ft	lb											*14590	13140	(23.4)
6.0m	kg							*6730	5270			*6660	4510	8.07
19.7ft	lb							*14840	11620			*14680	9940	(26.5)
4.5m	kg			*10830	*10830	*8460	7520	*7300	5020			6740	3740	8.66
14.8ft	lb			*23880	*23880	*18650	16580	*16090	11070			14860	8250	(28.4)
3.0m	kg			*14100	10700	*9990	6870	*8080	4700			6160	3330	8.96
9.8ft	lb			*31090	23590	*22020	15150	*17810	10360			13580	7340	(29.4)
1.5m	kg			*16450	9690	*11360	6310	8110	4400			5960	3160	8.99
4.9ft	lb			*36270	21360	*25040	13910	17880	9700			13140	6970	(29.5)
0.0m	kg			*17220	9320	11360	5970	7870	4190			6100	3210	8.76
0.0ft	lb			*37960	20550	25040	13160	17350	9240			13450	7080	(28.8)
-1.5m	kg	*14720	*14720	*16910	9300	11230	5860	7790	4110			6690	3520	8.26
-4.9ft	lb	*32450	*32450	*37280	20500	24760	12920	17170	9060			14750	7760	(27.1)
-3.0m	kg	*21860	19790	*15670	9500	11320	5950					8040	4280	7.41
-9.8ft	lb	*48190	43630	*34550	20940	24960	13120					17730	9440	(24.3)
-4.5m	kg	*17930	*17930	*13150	9920	*9630	6270					*9440	6140	6.08
-14.8ft	lb	*39530	*39530	*28990	21870	*21230	13820					*20810	13540	(20.0)

6.45 m (21' 2") boom, 3.20 m (10' 6") arm equipped with 600 mm (24") triple grouser shoe and 6,600 kg (13230 lb) counterweigh

Lift-point height (m/ft)		Lift-point radius												At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
																m(ft)
7.5m	kg									*5,990	*5,990			*6,050	5,680	7.77
24.6ft	lb									*13,210	*13,210			*13,340	12,520	(25.5)
6.0m	kg									*6,210	6,010			*6,150	4,490	8.65
19.7ft	lb									*13,690	13,250			*13,560	9,900	(28.4)
4.5m	kg							*7,830	*7,830	*6,860	5,740	*6,370	4,020	*6,340	3,830	9.20
14.8ft	lb							*17,260	*17,260	*15,120	12,650	*14,040	8,860	*13,980	8,440	(30.2)
3.0m	kg					*13,040	12,340	*9,460	7,860	*7,740	5,410	*6,800	3,860	6,230	3,470	9.48
9.8ft	lb					*28,750	27,210	*20,860	17,330	*17,060	11,930	*14,990	8,510	13,730	7,650	(31.1)
1.5m	kg					*15,840	11,190	*11,010	7,260	*8,620	5,080	6,650	3,690	6,050	3,320	9.51
4.9ft	lb					*34,920	24,670	*24,270	16,010	*19,000	11,200	14,660	8,140	13,340	7,320	(31.2)
0.0m	kg					*17,210	10,630	*12,070	6,860	8,760	4,840	6,510	3,560	6,170	3,360	9.29
0.0ft	lb					*37,940	23,440	*26,610	15,120	19,310	10,670	14,350	7,850	13,600	7,410	(30.5)
-1.5m	kg	*9,540	*9,540	*13,480	*13,480	*17,350	10,470	12,400	6,680	8,620	4,710			6,670	3,630	8.82
-4.9ft	lb	*21,030	*21,030	*29,720	*29,720	*38,250	23,080	27,340	14,730	19,000	10,380			14,700	8,000	(28.9)
-3.0m	kg	*14,670	*14,670	*19,830	*19,830	*16,510	10,570	*12,120	6,690	8,640	4,730			7,760	4,260	8.03
-9.8ft	lb	*32,340	*32,340	*43,720	*43,720	*36,400	23,300	*26,720	14,750	19,050	10,430			17,110	9,390	(26.4)
-4.5m	kg			*20,490	*20,490	*14,510	10,890	*10,700	6,890					*8,970	5,660	6.83
-14.8ft	lb			*45,170	*45,170	*31,990	24,010	*23,590	15,190					*19,780	12,480	(22.4)
-6.0m	kg					*10,380	*10,380							*9,430	*9,430	4.90
-19.7ft	lb					*22,880	*22,880							*20,790	*20,790	(16.1)

Notes:
1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the 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

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