HX360L

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)	●	
Travel alarm		●
Rear work lamp	●	
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	

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	●	
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.

* Photo may include optional equipment.

HD CONSTRUCTION EQUIPMENT
Head Office(Sales Office)
14F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

PLEASE CONTACT

2026. MAR

Gross Power	Bucket Capacity	Operating Weight
260 HP @ 2200 rpm	1.44 ~ 2.1 m³	35,500 kg

HYUNDAI

COAL APPLICATION

EARTHWORK APPLICATION

IRON ORE APPLICATION

STONE QUARRY APPLICATION

RULE THE GROUND

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

HX360L

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

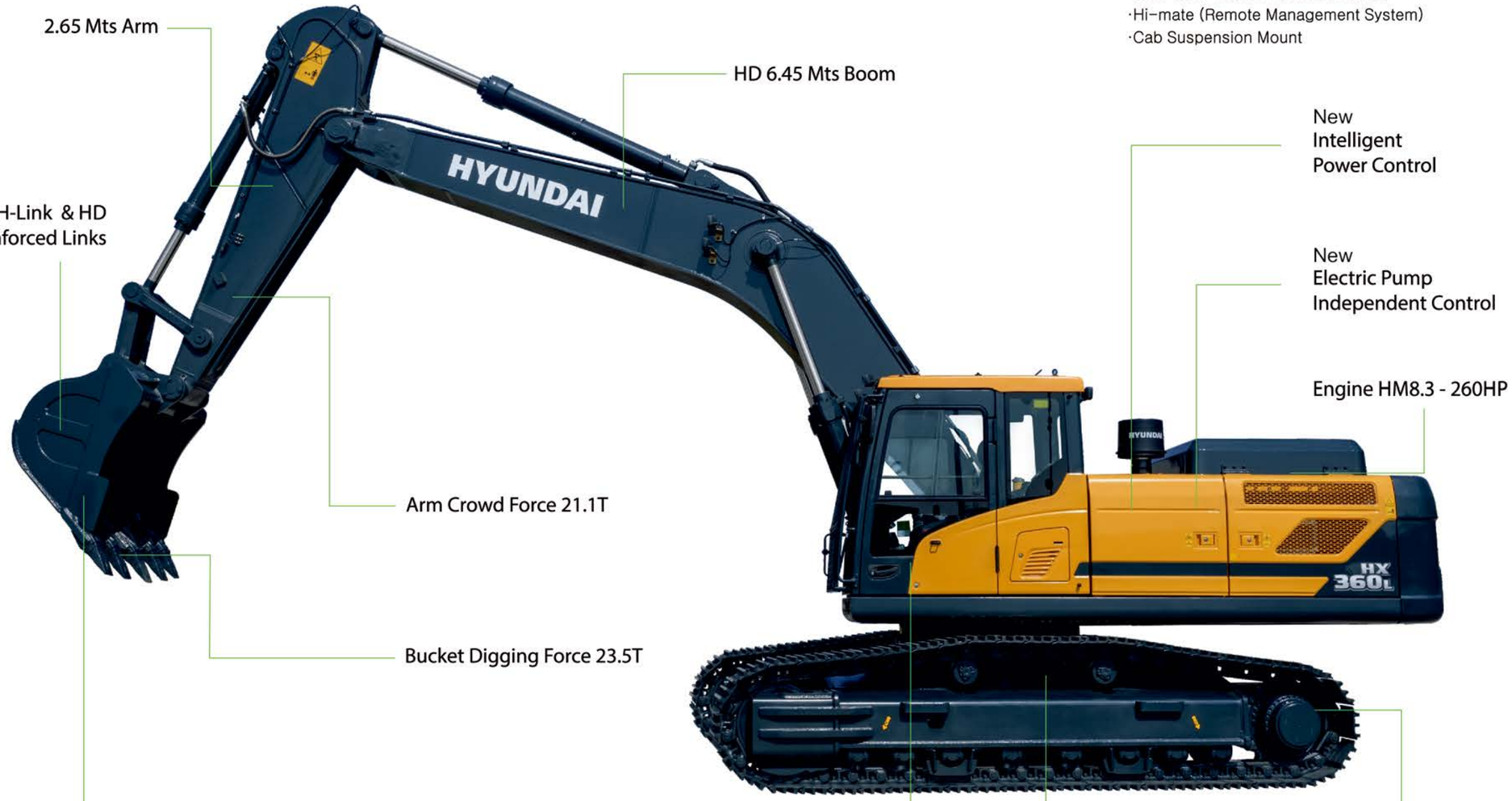


*Photo may include optional equipment.

*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.

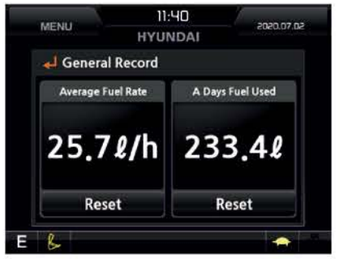
WORK MAX, WORTH MAX

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 switch es 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

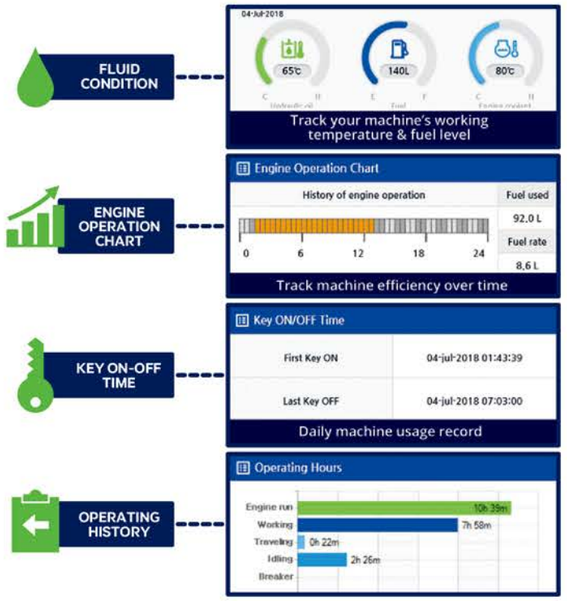
HI MATE empowers you to enhance the efficiency of your operations. Make better decisions by comparing the machine's operating time with its travelling, idling & breaker use duration.

CONVENIENT & EASY MONITORING

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

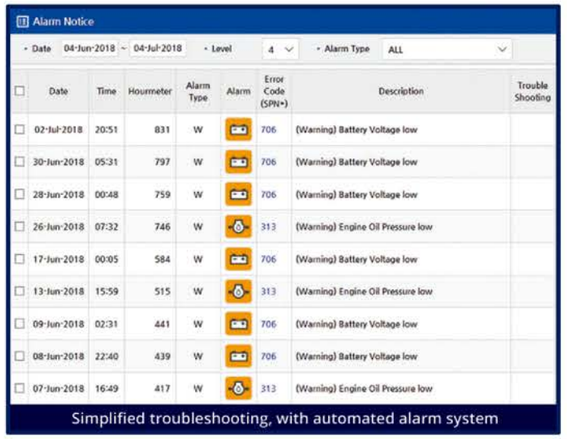
PROACTIVE MAINTAINANCE

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

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 /ℓmin
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	6.0
Final drive (each)	8.0 (7.8)
Hydraulic system(includingtank)	414
Hydraulic tank	210

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 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	2 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, 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	35500 kg	0.68 kg/cm2 (9.69 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 m³ (yd³)

2.10

◆1.62 (HD)

◆1.86 (HD)

Capacity m³ (yd³)			Width mm (in)	Weight kg (lb)	Tooth	Recommendation mm (ft·in)	Recommendation mm (ft·in)
						6450mm Boom	6450mm Boom
Bucket Type	SAE heaped	CECE heaped				6000kg-CWT	6000kg-CWT
						2650mm Arm	3200mm 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 Arm

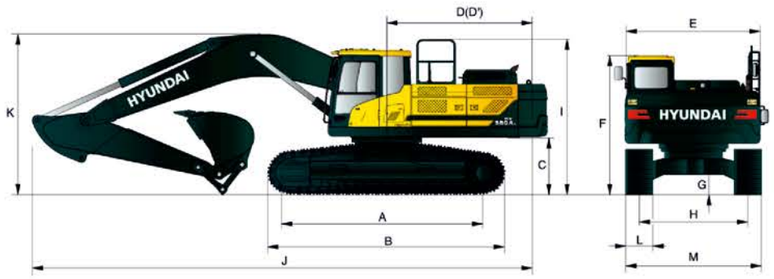
DIGGING FORCE				
Boom	Length	mm (ft·in)	6,450 (21' 2")	6,450 (21' 2")
	Weight	kg (lb)	3,030 (6,680)	3,030 (6,680)
Arm	Length	mm (ft·in)	2,650 (8' 7")	3,200 (10'6")
	Weight	kg (lb)	1,257.5 (2,771)	1390 (3064)
Bucket digging force	SAE	kN	186.7(202.7)	186.5(202.5)
		kgf	19031.7(20663.0)	19012.5(20642.2)
		lbf	41957.7(45554.0)	41915.4(45508.1)
	ISO	kN	222.3(241.4)	222.1(241.1)
		kgf	22661.4(24603.8)	22638.6(24579.0)
		lbf	49959.8(54242.1)	49909.5(54187.4)
Arm crowd force	SAE	kN	195.2(212.0)	170.5(185.1)
		kgf	19902.9(21608.9)	17381.9(18871.7)
		lbf	43878.4(47639.4)	38320.4(41605.0)
	ISO	kN	205.5(223.2)	178.5(193.8)
		kgf	20951.5(22747.3)	18192.7(19752.1)
		lbf	46190.0(50149.2)	40108.0(43545.8)

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

DIMENSIONS & WORKING RANGE

HX360L DIMENSIONS

6.45 m (21' 2"), BOOM and 2.65 m (8' 7")ARM and 3.2 m (10'6") ARM



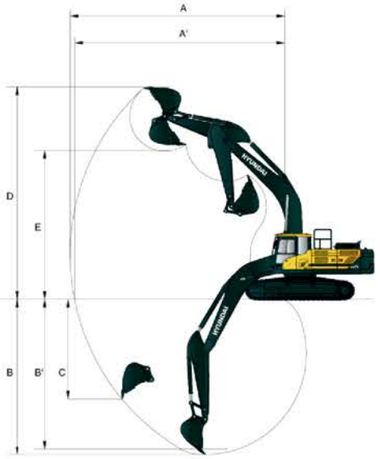
Unit : mm (ftin)

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")

HX360L WORKING RANGE

Unit : mm (ftin)



Description		2.65m Arm	3.2m Arm
A	Max. digging reach	10,563(34'8")	11,059(36'3")
A'	Max. digging reach on ground	10,357(33'12")	10,863(35'8")
B	Max. digging depth	6,813(22'4")	7,362(24'2")
B'	Max. digging depth (8' level)	6,604(21'8")	7,182(23'7")
C	Max. vertical wall digging depth	5,414(17'9")	6,069(19'11")
D	Max. digging height	9,869(32'5")	10,094(33'1")
E	Max. dumping height	6,852(22'6")	7,056(23'2")
F	Min. swing radius	9,310(30'7")	4,526(14'10")

LIFTING CAPACITIES

Rating over-front Rating over-side or 360 degree

HX360L

6.45 m (21' 2") boom, 2.65 m (8' 7") arm equipped with 600 mm (24") triple grouser shoe and 6,000kg (13230 lb) counterweight

Boom type	Length[mm]	Arm type	Length[mm]	BK type	Capa.[㎥]	QC	Swing Post	CWT[kg]	Shoe(wheel)[mm]	Outtriger[F]	Outtriger[R]	Cabin type
GP	6450	GP	2650	GP	1.62	NO	NO	6000	600	NONE	NONE	CABIN
Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m(ft)
7.5m	kg									*6490	5810	7.10
24.6ft	lb									*14310	12810	(23.3)
6.0m	kg							*6600	5090	*6530	4350	8.05
19.7ft	lb							*14550	11220	*14400	9590	(26.4)
4.5m	kg			*10730	*10730	*8340	7320	*7160	4840	*6710	3580	8.64
14.8ft	lb			*23660	*23660	*18390	16140	*15790	10670	*14790	7890	(28.4)
3.0m	kg			*14000	10460	*9870	6670	*7950	4520	6170	3170	8.94
9.8ft	lb			*30860	23060	*21760	14700	*17530	9960	13600	6990	(29.3)
1.5m	kg			*16320	9450	*11230	6110	8130	4220	5970	3000	8.97
4.9ft	lb			*35980	20830	*24760	13470	17920	9300	13160	6610	(29.4)
0.0m	kg			*17080	9090	11440	5780	7900	4010	6120	3050	8.74
0.0ft	lb			*37650	20040	25220	12740	17420	8840	13490	6720	(28.7)
-1.5m	kg	*14610	*14610	*16740	9080	11310	5670	7810	3930	6720	3370	8.24
-4.9ft	lb	*32210	*32210	*36910	20020	24930	12500	17220	8660	14820	7430	(27.0)
-3.0m	kg	*21640	19500	*15500	9280	11410	5760			8110	4130	7.39
-9.8ft	lb	*47710	42990	*34170	20460	25150	12700			17880	9110	(24.2)
-4.5m	kg	*17690	*17690	*12950	9710	*9440	6090			*9310	6000	6.06
-14.8ft	lb	*39000	*39000	*28550	21410	*20810	13430			*20530	13230	(19.9)

6.45 m (21' 2") boom, 3.2 m, (10'6") arm equipped with 600 mm (24") triple grouser shoe and 6,000kg (13230 lb) counterweight

Model	Type	Boom	Boom type	Length[mm]	Arm type	Length[mm]	BK type	Capa.[㎥]	QC	Swing Post	CWT[kg]	Shoe(wheel)[mm]	Outtriger[F]	Outtriger[R]	Cabin type
IDHX360	OPT	MONO	GP	6450	GP	3200	GP	1.62	NO	NO	6000	600	NONE	NONE	CABIN
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									*5,880	5,410		*5,930	5,040	7.75
24.6ft	lb									*12,960	11,930		*13,070	11,110	(25.4)
6.0m	kg									*6,100	5,310		*6,030	3,910	8.63
19.7ft	lb									*13,450	11,710		*13,290	8,620	(28.3)
4.5m	kg							*7,720	7,620	*6,750	5,050	*6,250 3,430	6,180	3,280	9.18
14.8ft	lb							*17,020	16,800	*14,880	11,130	*13,780 7,560	13,620	7,230	(30.1)
3.0m	kg					*12,930	11,080	*9,350	6,970	*7,620	4,710	6,240 3,270	5,680	2,930	9.46
9.8ft	lb					*28,510	24,430	*20,610	15,370	*16,800	10,380	13,760 7,210	12,520	6,460	(31.0)
1.5m	kg					*15,710	9,920	*10,880	6,370	8,310	4,390	6,060 3,100	5,510	2,780	9.49
4.9ft	lb					*34,630	21,870	*23,990	14,040	18,320	9,680	13,360 6,830	12,150	6,130	(31.1)
0.0m	kg					*17,050	9,360	11,650	5,970	8,030	4,140	5,910 2,970	5,620	2,800	9.27
0.0ft	lb					*37,590	20,640	25,680	13,160	17,700	9,130	13,030 6,550	12,390	6,170	(30.4)
-1.5m	kg	*9,480	*9,480	*13,400	*13,400	*17,180	9,210	11,440	5,790	7,890	4,010		6,080	3,050	8.80
-4.9ft	lb	*20,900	*20,900	*29,540	*29,540	*37,880	20,300	25,220	12,760	17,390	8,840		13,400	6,720	(28.9)
-3.0m	kg	*14,640	*14,640	*19,800	19,390	*16,320	9,320	11,450	5,800	7,910	4,030		7,130	3,630	8.01
-9.8ft	lb	*32,280	*32,280	*43,650	42,750	*35,980	20,550	25,240	12,790	17,440	8,880		15,720	8,000	(26.3)
-4.5m	kg			*20,230	20,050	*14,300	9,640	*10,520	6,010				*8,850	4,930	6.80
-14.8ft	lb			*44,600	44,200	*31,530	21,250	*23,190	13,250				*19,510	10,870	(22.3)
-6.0m	kg					*10,150	*10,150						*9,290	9,080	4.86
-19.7ft	lb					*22,380	*22,380						*20,480	20,020	(15.9)

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 a hook (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.