

ENGINE	STD	OPT
Cummins QSL 9 engine	●	
HYDRAULIC SYSTEM		
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control		●
CAB & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V 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	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights		●
Cabin front window rain guard		●
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 10262 Level 2		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (Advanced Around View Monitoring)		●
Six front working lights (4 boom mounted, 2 front frame mounted)	●	
Travel alarm		●
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device		●
Safety lock valve for arm cylinder		●
Swing Lock System		●
Three outside rearview mirror	●	
OTHER		
Booms		
6.15m, 20' 2"		●
6.5m, 21' 4"	●	
Arms		
2.5m, 8' 2"		●
3.2m, 10' 6"	●	
3.9m, 12' 10"		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer	Single	●
	Dual	
Self-diagnostics system	●	
Hi-mate (Remote Management System)		●
Batteries (2 x 12V x 160 AH)	●	
Fuel filler pump (50 L/min)		●
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)		●
Quick coupler piping		●
Quick coupler		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grousers shoes (600mm, 24")	●	
Triple grousers shoe (700mm, 28")		●
Triple grousers shoe (750mm, 30")		●
Triple grousers shoe (800mm, 32")		●
Triple grousers shoe (900mm, 36")		●
Double grousers shoe (600mm, 24")		●
Double grousers shoe (700mm, 28")		●
Heavy duty grousers shoe (600mm, 24")		●
Heavy duty grousers shoe (700mm, 28")		●
Track rail guard	●	
Full track rail guard		●
3-piece type track rail guard		●

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

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PLEASE CONTACT

www.hyundai-ce.com

2018. 11 Rev.8

MOVING YOU FURTHER

HX380L

With Tier4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power SAE J1349 / 300 HP (224 kW) at 1,900 rpm	Gross Power SAE J1995 / 359 HP (267 kW) at 1,650 rpm	Travel Speed 5.0 km/hr (3.10 mph) / 3.1 km/hr (1.92 mph)	Operating Weight 38,900 kg / 85,800 lb
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RULE THE GROUND

The HX Series excavators are products of HHI's spirit of initiative, creativity, and strong drive. HHI's 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. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.



*Photo may include optional equipment.

RULE THE GROUND

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

HX380L



WORK MAX, WORTH MAX

- ECO Gauge
- IPC (Intelligent Power Control)
- New Variable Power Control
- Electronic Viscous Fan Clutch (Option)
- Attachment Flow Control (Option)
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- One Pedal Straight Travel (Option)
- Cycle Time Improvement
- Boom Floating Control (Option)
- Fine Swing Control (Option)



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

- Intelligent and Wide Cluster
- Haptic Control
- Wi-Fi Direct with Smart Phone (Miracast)
- Centralized Controller
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi-mate (Remote Management System) (Option)
- Cab Suspension Mount
- Swing Lock (Option)



*Photo may include optional equipment.



*Photo may include optional equipment.

Boom Floating Control (Option)

This option allows for improved stability and control when leveling. The boom is allowed to float with the arm-in and arm-out movement.

MAXIMUM PERFORMANCE

Optimal Performance with Fuel Efficiency

The HX Series is equipped with eco-friendly, high-performance engines that meet the Tier 4 Final emission requirements.



ECO Gauge

Using this function, the operator can monitor fuel consumption in real-time or review historical data. The colored gauge represents engine torque and fuel efficiency. Also displayed are the average and total fuel consumed. The hourly and daily fuel consumption is also viewable through the menu.



IPC (Intelligent Power Control)

This mode analyzes operator control patterns, and automatically adjusts engine RPM and hydraulic flow to ensure maximum fuel economy and productivity.

New Variable Power Control

The HX Series improves fuel efficiency with its new variable power control. Its three-stage Power mode ensures the highest performance in any operating environment.

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

Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise, and minimizes fuel consumption during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature. During cold applications the fan is slowed to allow for hydraulic oil to warm up to optimal operating temperature.



Attachment Flow Control (Option)

The HX Series improves pump flow rate by giving the operator independent control of two pumps. It optimizes flow rate settings according to the attachment type (ten breaker types and ten crusher types), which is ideal for various applications.



Reinforced, Vented Cooler Door Grill

The cooler door grill is designed for maximum air flow and reduced contamination.

One Pedal Straight Travel (Option)

Activated by a toggle button, the left-hand pedal allows for straight forward and reverse travel. This is ideal when working along roads, banks, trenches, and when traveling longer distances.

New Cooling System with Increased Air Flow

The HX Series has a vertically stacked cooling configuration which provides improved cooling efficiency through increased air flow and reduced heat.

RUGGED, RELIABLE AND DURABLE

Robust and Safe Structural Design

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



Durable Cooling Module

The HX Series has a durable cooling module designed to produce maximum productivity in the harshest working environments.



Reinforced Pins, Bushing, and Polymer Shims

The HX series features improved component reliability through the attachment. Wear gaps that occur between the attachment and the boom are minimized by wear-resistant long-life pins, bushings, and polymer shims, for maximum performance and durability.

Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the pin connection between the arm and the bucket. Reduced bucket vibrations improve operator control even under heavy load conditions.



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series are reinforced and engineered to handle the most demanding jobs.



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

The HX Series uses high grade, high-pressure hoses with increased heat and pressure resistance for improved durability.



New Air Conditioning System

The HX series features an enhanced capacity air conditioning and heating system. The APTC auxiliary heat capacity is increased by 15%, providing a consistently comfortable operating environment. The ventilation was designed so that warm and cool air can be directed to the operators' faces, increasing their work satisfaction.

*Photo may include optional equipment.

CAB COMFORT ENHANCEMENTS

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 HHI'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

The 8-inch interactive touchscreen 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 urea level and the temperature outside the cab. The audio AUX, air conditioner, heater integration, wiper, lamp, overload warning, travel, alarm and inclinor also contribute to operator productivity.

Operating Simulation for Joy & Achievement

The operating game developed by HHI's state-of-the-art information technology allows operators to experience efficient operating state by simulation, providing fun and economy of operation.



Haptic Control

The integrated jog shuttle-type haptic controller controls to the accelerator, air conditioner, and all functions within the cluster for maximum convenience.

Wi-Fi Direct with Smart Phone (Miracast)

The Smart Terminal - Miracast System uses the Wi-fi from the operator's smart phone to easily and conveniently enable features of the smart phone, such as navigating, surfing the web, watching videos, and listening to music, on the 8" screen. (Currently only available for Android phones.)

Proportional Auxiliary Hydraulic System(Optional)

Proportional control switch for better speed control
Enlarge the operation convenience



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.

ADVANCED TECHNOLOGIES & SAFE SOLUTIONS

New Cab Designed for Ergonomics, Comfort & Safety

Low noise, low vibration, and ergonomic design make the cab space more comfortable and pleasant. The HX Series was designed with advanced technology for maximum safety both for the operator and for the workers on the job site.



AAVM (All Around View Monitoring) Camera System (Option)

The HX Series has a state-of-the-art AAVM video camera system to maximize operator awareness of the surrounding areas. This system allows a 360° field of vision for operators, which minimizes accidents. Operators can maintain a constant view of the workplace in the front, the rear, the right and the left.



Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed next to the tool box and its inlet is remotely located for easy access and convenient supply. A red lamp signal warns of overfill. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



* AAVM (All Around View Monitoring): Provides a field of vision in all directions with nine views including a 3D bird's eye view and a 2D/4CH view.

* IMOD (Intelligent Moving Object Detection): Informs operator when people or objects are detected within a specific range of operation (recognition distance: 5 m / 16 ft).



Hi-MATE (Remote Management System) (Option)

Hi-MATE, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi-MATE saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

* Operation of the system may be affected adversely depending on the condition of telecommunication signal.



*Photo may include optional equipment.

Improved Cab Suspension Mount

A newly designed, low-vibration cab mount with viscous material and a coil spring reduces noise inside the cab and improves durability, providing a comfortable operating space and lessening the operator's fatigue.

SPECIFICATIONS

ENGINE				
Maker / Model			Cummins QSL9	
Type			4-cycle turbocharged, charge air cooled diesel engine	
Rated flywheel horse power	SAE	J1995 (gross)	359 HP (267 kW) at 1,650 rpm	
		J1349 (net)	344 HP (257 kW) at 1,650 rpm	
	DIN	6271/1 (gross)	363 PS (267 kW) at 1,650 rpm	
		6271/1 (net)	349 PS (257 kW) at 1,650 rpm	
Max. torque			166 kgf · m (1,186 lbf · ft) at 1,500 rpm	
Bore X stroke			114×145 mm (4.49"×5.69")	
Piston displacement			8900 cc (543 cu in)	
Batteries			2×12 V×160 Ah	
Starting motor			Denso 24 V-7.8 kW	
Alternator			Denso 24 V-95 A	

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement piston pumps
Max. flow	2×288.8ℓ/min (76.3 U.S. gpm / 63.5 U.K. gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake motor with automatic brake
Swing	Axial piston motor with automatic brake
RELIEF VALVE SETTING	
Implement circuits	330 kgf/cm² (4,690 psi)
Travel	360 kgf/cm² (5,120 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing circuit	290 kgf/cm² (4,120 psi)
Pilot circuit	40 kgf/cm² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore X stroke	Boom : Ø160×1,500 ST
	Arm : Ø170×1,760 ST
	Bucket : Ø150×1,295 ST
	Bucket : Ø160×1,295 ST
	* 6,150 mm (20' 2") Boom and 2,500 mm (8' 2") arm only

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	30,500 kgf (67,240 lbf)
Max. travel speed (high / low)	5.0 km/hr (3.10 mph) / 3.1 km/hr (1.92 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	9.5 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	600	158.5	132
Engine coolant	55	14.5	12.1
Engine oil	31.7	8.4	7.0
Swing device	8	2.1	1.8
Final drive (each)	5.5	1.5	1.2
Hydraulic system (including tank)	414	109.4	91.1
Hydraulic tank	210	55.5	46.2
DEF/AdBlue®	42.5	11.2	9.3

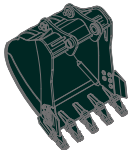
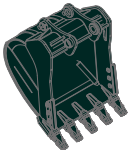
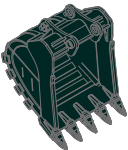
UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	51 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 6,500mm (21' 4") boom, 3,200mm (10' 6") arm, SAE heaped 1.62m³ (2.12 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.				
OPERATING WEIGHT				
Shoes		Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)		kgf/cm² (psi)
Triple grouser	600 (24")	HX380 L	38,920 (85,800)	0.70 (9.95)
		HX380 NL	38,820 (85,580)	0.70 (9.95)
	700 (28")	HX380 L	39,370 (86,800)	0.61 (8.67)
	750 (30")	HX380 L	39,595 (87,290)	0.57 (8.11)
	800 (32")	HX380 L	39,820 (87,790)	0.54 (7.68)
Double grouser	900 (36")	HX380 L	40,270 (88,780)	0.48 (6.83)
	600 (28")	HX380 L	39,165 (86,340)	0.70 (9.95)
Heavy duty grouser	700 (28")	HX380 L	39,665 (87,450)	0.61 (8.67)
	600 (24")	HX380 HD	39,280 (86,600)	0.71 (10.10)
	700 (28")	HX380 HD	39,775 (87,690)	0.61 (8.67)

AIR CONDITIONING SYSTEM	
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)	
The system hold 0.75kg refrigerant consisting of a CO₂ equivalent 1.07kg metric tonne. For more information, Please refer to the manual.	

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS			
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SAE heaped m³ (yd³)			
	1.46 (1.91)	◆1.46 (1.91)	◆1.46 (1.91)
	1.62 (2.12)	◆1.62 (2.12)	◆1.62 (2.12)
	1.90 (2.49)	◆1.90 (2.49)	◆1.90 (2.49)
	2.10 (2.75)	◆2.10 (2.75)	
	2.32 (3.03)		

Capacity m³ (yd³)		Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)			
				6,150 (20' 2") Boom	6,500 (21' 4") Boom		
SAE heaped	CECE heaped			2,500 (8' 2") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	3,900 (12' 10") Arm
1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,400 (3,090)	●	●	●	●
1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,500 (3,310)	●	●	●	●
1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,610 (2,450)	●	●	⊙	○
2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,690 (3,730)	●	⊙	⊙	○
2.32 (3.03)	2.02 (2.64)	1,950 (77")	1,800 (3,970)	⊙	⊙	○	-
◆1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,560 (3,440)	●	●	●	●
◆1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,660 (3,660)	●	●	●	⊙
◆1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,790 (3,950)	●	●	⊙	○
◆2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,880 (4,140)	●	⊙	○	-
◆1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,750 (3,860)	●	●	●	●
◆1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,850 (4,080)	●	●	●	⊙
◆1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,990 (4,390)	●	●	⊙	○

- ◆ Heavy duty bucket
◆ Rock-Heavy duty bucket
- : 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

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 6.15 m, 6.5 m Booms and 2.5 m, 3.2 m, 3.9 m Arms are available.

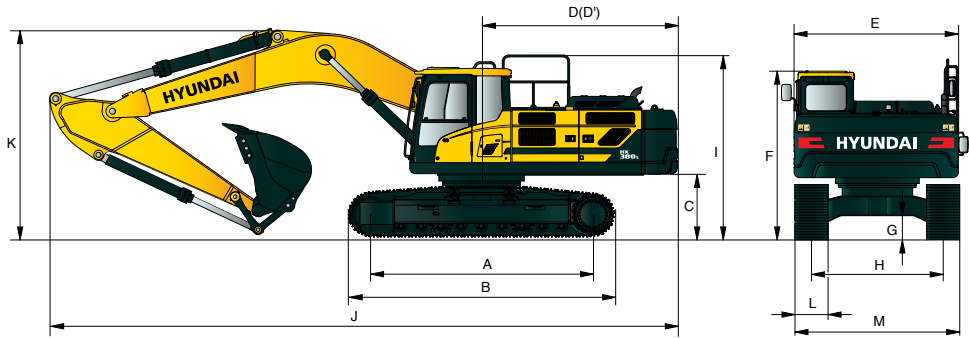
DIGGING FORCE							
Boom	Length	mm (ft.in)	6,150 (20' 2")	6,500 (21' 4")			Remark
	Weight	kg (lb)	3,750 (8,270)	3,850 (8,490)			
Arm	Length	mm (ft.in)	2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")	
	Weight	kg (lb)	1,960 (4,320)	1,960 (4,320)	2,120 (4,670)	2,190 (4,830)	
Bucket digging force	SAE	kN	228.5 [249.3]	201.0 [219.3]	201.0 [219.3]	201.0 [219.3]	[] : Power Boost
		kgf	23,300 [25,420]	20,500 [22,360]	20,500 [22,360]	20,500 [22,360]	
		lbf	51,370 [56,040]	45,190 [49,300]	45,190 [49,300]	45,190 [49,300]	
	ISO	kN	259.9 [283.5]	228.5 [249.3]	228.5 [249.3]	228.5 [249.3]	
		kgf	26,500 [28,910]	23,300 [25,420]	23,300 [25,420]	23,300 [25,420]	
		lbf	58,420 [63,730]	51,370 [56,040]	51,370 [56,040]	51,370 [56,040]	
Arm crowd force	SAE	kN	192.2 [209.7]	192.2 [209.7]	160.8 [175.4]	160.8 [175.4]	
		kgf	19,600 [21,380]	19,600 [21,380]	16,400 [17,890]	16,400 [17,890]	
		lbf	43,210 [47,130]	43,210 [47,130]	36,160 [39,440]	36,160 [39,440]	
	ISO	kN	200.1 [218.2]	200.1 [218.2]	165.7 [180.8]	165.7 [180.8]	
		kgf	20,400 [22,250]	20,400 [22,250]	16,900 [18,440]	16,900 [18,440]	
		lbf	44,970 [49,050]	44,970 [49,050]	37,260 [40,650]	37,260 [40,650]	

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

DIMENSIONS & WORKING RANGE

HX380 L / HX380 NL DIMENSIONS

6.15 m (20' 2"), 6.5 m (21' 4") BOOM and 2.5 m (8' 2"), 3.2 m (10' 6"), 3.9 m (12' 10") ARM

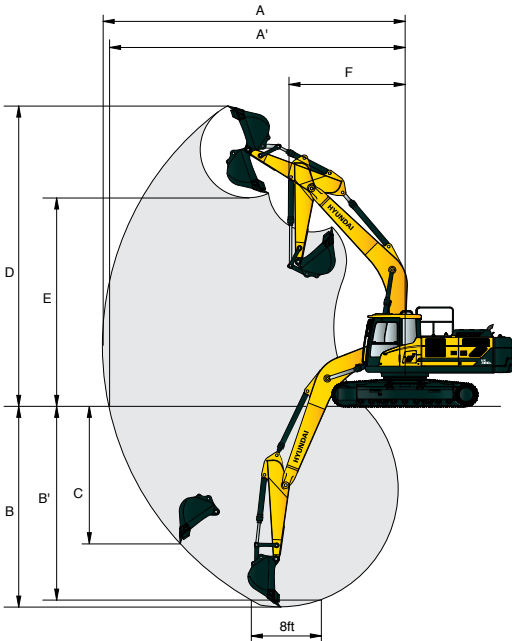


Unit : mm (ft · in)

A	Tumbler distance	4,340 (14' 3")
B	Overall length of crawler	5,217 (17' 1")
C	Ground clearance of counterweight	1,295 (4' 3")
D	Tail swing radius	3,640 (11' 9")
D'	Rear-end length	3,555 (11' 7")
E	Overall width of upperstructure	2,980 (9' 8")
F	Overall height of cab	3,240 (10' 8")
G	Min. ground clearance	550 (1' 10")
H	Track gauge	HX380 L 2,740 (9' 0")
		HX380 NL 2,390 (7' 10")
I	Overall height of guardrail	3,445 (11' 4")

Boom length		6,150 (20' 2")	6,500 (21' 4")			
Arm length		2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")	
J	Overall length	11,100 (36' 5")	11,450 (37' 7")	11,400 (37' 5")	11,400 (37' 5")	
K	Overall height of boom	3,830 (12' 7")	3,740 (12' 3")	3,630 (11' 11")	3,740 (12' 3")	
L	Track shoe width	600 (24")	700 (28")	750 (30")	800 (32")	900 (36")
M	Overall width	HX380L 3,340 (10' 11")	3,440 (11' 3")	3,490 (11' 5")	3,540 (11' 7")	3,640 (11' 11")
		HX380NL 2,990 (9' 10")				

HX380 L / HX380 NL WORKING RANGE



Unit : mm (ft · in)

Boom length		6,150 (20' 2")	6,500 (21' 4")			
Arm length		2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")	
A	Max. digging reach	10,300 (33' 10")	10,650 (34' 11")	11,160 (36' 7")	11,820 (38' 9")	
A'	Max. digging reach on ground	10,060 (33' 0")	10,410 (34' 2")	10,930 (35' 10")	11,620 (38' 1")	
B	Max. digging depth	6,560 (21' 6")	6,820 (22' 5")	7,520 (24' 8")	8,220 (27' 0")	
B'	Max. digging depth (8' level)	6,380 (20' 11")	6,640 (21' 5")	7,360 (24' 2")	8,080 (26' 6")	
C	Max. vertical wall digging depth	4,780 (15' 8")	5,030 (16' 6")	5,480 (18' 0")	6,300 (20' 8")	
D	Max. digging height	10,000 (32' 10")	10,330 (33' 11")	10,270 (33' 8")	10,610 (34' 10")	
E	Max. dumping height	6,870 (22' 6")	7,190 (23' 7")	7,190 (23' 7")	7,500 (24' 7")	
F	Min. swing radius	4,310 (14' 2")	4,490 (14' 9")	4,490 (14' 9")	4,350 (14' 3")	

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX380 L

6.15 m (20' 2") boom, 2.50 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	Reach
7.5 m (25 ft)	kg					*9230	*9230			*9460	8940
	lb					*20350	*20350			*20860	19710
6.0 m (20 ft)	kg					*9720	*9720	*9350	7360	*9400	7030
	lb					*21430	*21430	*20610	16230	*20720	15500
4.5 m (15 ft)	kg			*14000	*14000	*11060	10180	*9770	7180	*9530	6100
	lb			*30860	*30860	*24380	22440	*21540	15830	*21010	13450
3.0 m (10 ft)	kg					*12720	9610	*10540	6910	*9360	5640
	lb					*28040	21190	*23240	15230	*20640	12430
1.5 m (5 ft)	kg					*14120	9140	*11260	6670	*9210	5510
	lb					*31130	20150	*24820	14700	*20300	12150
Ground Line	kg			*20360	13530	*14840	8880	*11090	6510	*9570	5680
	lb			*44890	29830	*32720	19580	*24450	14350	*21100	12520
-1.5 m (-5 ft)	kg	*14530	*14530	*19660	13560	*14700	8820	*11080	6510	*10630	6270
	lb	*32030	*32030	*43340	29890	*32410	19440	*24430	14350	*23440	13820
-3.0 m (-10 ft)	kg	*24010	*24010	*17760	13800	*13350	8980			*11280	7650
	lb	*52930	*52930	*39150	30420	*29430	19800			*24870	16870
-4.5 m (-15 ft)	kg			*13520	*13520					*11150	*11150
	lb			*29810	*29810					*24580	*24580

6.50 m (21' 4") boom, 2.50 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	Reach
7.5 m (25 ft)	kg									*8970	7990
	lb									*19780	17610
6.0 m (20 ft)	kg					*9570	*9570	*8910	7330	*8920	6420
	lb					*21100	*21100	*19640	16160	*19670	14150
4.5 m (15 ft)	kg			*14450	*14450	*11020	10010	*9500	7100	*9030	5620
	lb			*31860	*31860	*24290	22070	*20940	15650	*19910	12390
3.0 m (10 ft)	kg					*12690	9390	*10330	6800	*8710	5210
	lb					*27980	20700	*22770	14990	*19200	11490
1.5 m (5 ft)	kg					*14020	8920	*11090	6530	*8570	5090
	lb					*30910	19670	*24450	14400	*18890	11220
Ground Line	kg			*14720	13240	*14660	8670	*10940	6370	*8870	5240
	lb			*32450	29190	*32320	19110	*24120	14040	*19550	11550
-1.5 m (-5 ft)	kg			*19240	13310	*14510	8630	*10910	6340	*9750	5730
	lb			*42420	29340	*31990	19030	*24050	13980	*21500	12630
-3.0 m (-10 ft)	kg	*22860	*22860	*17520	13550	*13390	8770			*10540	6850
	lb	*50400	*50400	*38620	29870	*29520	19330			*23240	15100
-4.5 m (-15 ft)	kg			*14070	14050					*10490	9670
	lb			*31020	30970					*23130	21320

6.50 m (21' 4") boom, 3.20 m (10' 6") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius								At max. reach	
		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach
7.5 m (25 ft)	kg					*7780	7580			*7050	*7050
	lb					*17150	16710			*15540	*15540
6.0 m (20 ft)	kg					*8000	7470			*6910	5800
	lb					*17640	16470			*15230	12790
4.5 m (15 ft)	kg			*12520	*12520	*9960	*9960	*8720	7190	*8150	5300
	lb			*27600	*27600	*21960	*21960	*19220	15850	*17970	11680
3.0 m (10 ft)	kg			*16270	14560	*11740	9540	*9660	6840	*8570	5140
	lb			*35870	32100	*25880	21030	*21300	15080	*18890	11330
1.5 m (5 ft)	kg			*17950	13530	*13310	8970	*10570	6520	*8410	4980
	lb			*39570	29830	*29340	19780	*23300	14370	*18540	10980
Ground Line	kg			*18930	13120	*14280	8620	*10880	6300	*8290	4860
	lb			*41730	28920	*31480	19000	*23990	13890	*18280	10710
-1.5 m (-5 ft)	kg			*12410	*12410	*19660	13060	*14520	8480	*10770	6200
	lb			*27360	*27360	*43340	28790	*32010	18700	*23740	13670
-3.0 m (-10 ft)	kg	*15020	*15020	*20150	*20150	*18480	13220	*13910	8540	*10750	6260
	lb	*33110	*33110	*44420	*44420	*40740	29150	*30670	18830	*23700	13800
-4.5 m (-15 ft)	kg			*21800	*21800	*15940	13600	*11940	8820		
	lb			*48060	*48060	*35140	29980	*26320	19440		

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.















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

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree











HX380 L

6.50 m (21' 4") boom, 3.90 m (12' 10") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.











Load point height m (ft)	Load radius												At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach	
															m (ft)	
7.5 m (25 ft)	kg									*6800	*6800			*5230	*5230	8.59
	lb									*14990	*14990			*11530	*11530	(28.2)
6.0 m (20 ft)	kg									*7180	*7180	*6490	5560	*5130	*5130	9.36
	lb									*15830	*15830	*14310	12260	*11310	*11310	(30.7)
4.5 m (15 ft)	kg															
	lb															
3.0 m (10 ft)	kg															
	lb															
1.5 m (5 ft)	kg															
	lb															
Ground Line	kg															
	lb															
-1.5 m (-5 ft)	kg															
	lb															
-3.0 m (-10 ft)	kg															
	lb															
-4.5 m (-15 ft)	kg															
	lb															
-6.0 m (-20 ft)	kg															
	lb															

HX380 NL

6.15 m (20' 2") boom, 2.50 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius												At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach		m (ft)	
															
7.5 m (25 ft)	kg					*9230	*9230			*9460	7740			6.71	
	lb					*20350	*20350			*20860	17060			(22.0)	
6.0 m (20 ft)	kg					*9720	9230	*9350	6350	*9400	6070			7.69	
	lb					*21430	20350	*20610	14000	*20720	13380			(25.2)	
4.5 m (15 ft)	kg			*14000	13500	*11060	8750	*9770	6180	*9530	5230			8.27	
	lb			*30860	29760	*24380	19290	*21540	13620	*21010	11530			(27.1)	
3.0 m (10 ft)	kg					*12720	8190	*10540	5920	9340	4820			8.55	
	lb					*28040	18060	*23240	13050	20590	10630			(28.1)	
1.5 m (5 ft)	kg					*14120	7740	11230	5680	9190	4690			8.56	
	lb					*31130	17060	24760	12520	20260	10340			(28.1)	
Ground Line	kg			*20360	11240	*14840	7490	*11060	5530	9540	4830			8.29	
	lb			*44890	24780	*32720	16510	24380	12190	21030	10650			(27.2)	
-1.5 m (-5 ft)	kg	*14530	*14530	*19660	11270	*14700	7440	11050	5520	10600	5330			7.72	
	lb	*32030	*32030	*43340	24850	*32410	16400	24360	12170	23370	11750			(25.3)	
-3.0 m (-10 ft)	kg	*24010	22810	*17760	11500	*13350	7590			*11280	6500			6.77	
	lb	*52930	50290	*39150	25350	*29430	16730			*24870	14330			(22.2)	
-4.5 m (-15 ft)	kg			*13520	12040					*11150	9730			5.23	
	lb			*29810	26540					*24580	21450			(17.2)	















6.50 m (21' 4") boom, 2.50 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius												At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach		m (ft)	
															
7.5 m (25 ft)	kg									*8970	6910			7.16	
	lb									*19780	15230			(23.5)	
6.0 m (20 ft)	kg					*9570	9120	*8910	6320	*8920	5520			8.08	
	lb					*21100	20110	*19640	13930	*19670	12170			(26.5)	
4.5 m (15 ft)	kg			*14450	13090	*11020	8580	*9500	6090	*9030	4810			8.64	
	lb			*31860	28860	*24290	18920	*20940	13430	*19910	10600			(28.3)	
3.0 m (10 ft)	kg					*12690	7980	*10330	5800	8680	4440			8.91	
	lb					*27980	17590	*22770	12790	19140	9790			(29.2)	
1.5 m (5 ft)	kg					*14020	7530	*11090	5540	8540	4320			8.91	
	lb					*30910	16600	*24450	12210	18830	9520			(29.2)	
Ground Line	kg			*14720	10970	*14660	7290	*10910	5390	8840	4440			8.66	
	lb			*32450	24180	*32320	16070	24050	11880	19490	9790			(28.4)	
-1.5 m (-5 ft)	kg			*19240	11030	*14510	7250	10880	5360	9720	4860			8.12	
	lb			*42420	24320	*31990	15980	23990	11820	21430	10710			(26.6)	
-3.0 m (-10 ft)	kg	*22860	22530	*17520	11260	*13390	7380			*10540	5810			7.22	
	lb	*50400	49670	*38620	24820	*29520	16270			*23240	12810			(23.7)	
-4.5 m (-15 ft)	kg			*14070	11730					*10490	8190			5.80	
	lb			*31020	25860					*23130	18060			(19.0)	

 Rating over-front  Rating over-side or 360 degree

HX380 NL

6.50 m (21' 4") boom, 3.20 m (10' 6") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

Load point height m (ft)		Load radius												At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach
																m (ft)
7.5 m (25 ft)	kg									*7780	6560			*7050	6100	7.80
	lb									*17150	14460			*15540	13450	(25.6)
6.0 m (20 ft)	kg									*8000	6450			*6910	4980	8.64
	lb									*17640	14220			*15230	10980	(28.4)
4.5 m (15 ft)	kg					*12520	*12520	*9960	8780	*8720	6180	*8150	4530	*7020	4370	9.17
	lb					*27600	*27600	*21960	19360	*19220	13620	*17970	9990	*15480	9630	(30.1)
3.0 m (10 ft)	kg					*16270	12200	*11740	8130	*9660	5840	8570	4370	*7360	4040	9.42
	lb					*35870	26900	*25880	17920	*21300	12870	18890	9630	*16230	8910	(30.9)
1.5 m (5 ft)	kg					*17950	11230	*13310	7580	*10570	5530	8390	4210	7810	3920	9.43
	lb					*39570	24760	*29340	16710	*23300	12190	18500	9280	17220	8640	(30.9)
Ground Line	kg					*18930	10840	*14280	7240	10850	5320	8260	4100	8020	3990	9.19
	lb					*41730	23900	*31480	15960	23920	11730	18210	9040	17680	8800	(30.1)
-1.5 m (-5 ft)	kg			*12410	*12410	*19660	10790	*14520	7100	10730	5220			8680	4290	8.68
	lb			*27360	*27360	*43340	23790	*32010	15650	23660	11510			19140	9460	(28.5)
-3.0 m (-10 ft)	kg	*15020	*15020	*20150	*20150	*18480	10930	*13910	7160	*10750	5280			*10070	4990	7.85
	lb	*33110	*33110	*44420	*44420	*40740	24100	*30670	15790	*23700	11640			*22200	11000	(25.7)
-4.5 m (-15 ft)	kg			*21800	*21800	*15940	11300	*11940	7430					*10520	6590	6.57
	lb			*48060	*48060	*35140	24910	*26320	16380					*23190	14530	(21.6)
-6.0 m (-20 ft)	kg															
	lb															