www.hd-hyundaice.com

HYUNDAI

HD CONSTRUCTION EQUIPMENT

HEAD OFFICE (SALES OFFICE)
14F, Global R&D Center, 477 Bundangsuseo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (13553)

building a comfortable tomorrow

HX400L

The Next Generation of Excavators

40 Ton Large Excavator
340 HP / 1,800 rpm

HYUNDAI

ABOVE AND BEYOND

THE NEXT GENERATION OF EXCAVATORS

HD Hyundai Construction Equipment's vision of delivering a refined yet dignified design, offering customers an experience of understated elegance and sophistication.

Productivity

Enhanced Operating Performance and Durability
FEH (Fully Electro-Hydraulic) System
Top-Level Lifting Power and Stability
Machine Guidance(2D) & Smart Control
Breaker Assist & Auto Breaker
New Designed Joystick
Weighing
Enhanced Predictive & Preventive Maintenance Functions
Non-Face-to-Face Remote Diagnosis & Response Functions

Safety

SAVM (Smart Around View Monitoring)
– AI-powered real-time detection and alert system for surrounding individuals.
Lifting Performance Visualization & Risk Warning System
Lift Assist Pro
– Real-time tip-over alerts and equipment status monitoring
Operator Guide and Work Efficiency Enhancement

Comfort

User-Friendly Interface
Cabin Design Maximizing Operator Convenience
Ambient Light Application
Providing Top-Level Operational Convenience
FEH (Electronic Hydraulic Control) System Application
Real-time Flow Control and Optimization
Fuel Efficiency Improvement and Efficiency Maximization

Smart & Serviceability

Digital Platform 'HYUNDAI CONNECT'
Digital Key Function (Hyundai Connect App Integration)
Equipment Operation History Inquiry and Analysis
- Optimized Fleet & Rental Equipment Management

PRODUCTIVITY

Powerful sophistication that takes you further ahead

The HX400L's high-performance engine with a robust design delivers outstanding fuel efficiency and high productivity. It provides a comfortable work environment for the operator to work more precisely and efficiently.

FEH (Fully Electro-Hydraulic) System

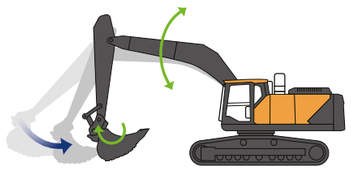
The new machines have a FEH system that improves fuel consumption by controlling flow rate via a CPU.

Equipped with HYUNDAI engine

The HX400L and HX360L have a new high-performance Stage V Hyundai engine, with enhanced durability and improved ease of maintenance.

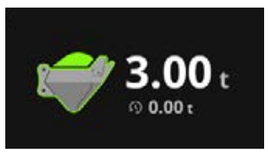
Enhanced digging force

A large-capacity bucket with improved cutting edge has greatly increased productivity compared to the standard bucket size.



Grade Control

The boom and bucket are automatically controlled by simply operating the arm. This makes levelling easier and improves precision.



Weighing

By estimating and displaying the weight of objects in the bucket in real time, you can calculate truck costs and shipping volumes on site.

SAFETY

Enhanced safety with a strong exterior

The true value of the HX400L comes from its durability and high productivity.
The strong upper and lower structures can withstand external shocks and high-load operations,and the work performance verified by rigorous performance tests provides high reliability even in harsh environments

Cabin guard

A guard is installed to protect the operator from falling objects from above during work in rough terrain such as mines.

New designed counterweight

A newly designed counterweight enhances the machine's powerful appearance and gives customers a sense of pride.

Built-in rear lamp and camera

A rear lamp and camera are built into the counterweight, increasing their durability and improving the exterior design.

Side Access

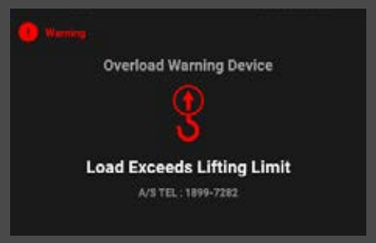
New model is designed to make operator to get maintenance easy by giving side access structure in order to climb up the machine.

Beacon lamp

Four beacon lamps mounted on the upper corner of the cabin help when there is poor visibility due to dust on site.

Enhanced Boom and Arm durability

Both the boom and arm have been redesigned to be more durable by increasing the box size of the boom and changing the structure of the arm.



Overload warning notification

When an overload is detected, a first warning is displayed. Following that, a colored notification fully informs the operator of the risk of overturning.

Improved start-up in ultra-low temperature environments OPTION

The engine's internal temperature is increased by heating the coolant with electric heaters in the engine through an external power source, which helps start the engine in extremely cold environments. It is compatible with both 110V and 220V, depending on the region's operating environment.

COMFORT

Interior that completes a comfortable journey

The interior design reflects the strength and dignity of Hyundai Construction Equipment, and incorporates productivity and convenience.
The advanced infotainment system with advanced convenience technology completes an efficient work journey and provides a comfortable working environment.

1. 12.8-inch large screen

The large 12.8-inch FHD screen provides excellent legibility compared to the 8-inch screen of the previous model. It can also be divided into sections, allowing the operator to check multiple conditions at once.

2. More comfortable seats

Three options of seat are available to make all operators feel comfortable in any work environment.

3. Stylish interior lighting

The H-line interior lighting adds value and sophistication to the interior.

4. Premium-quality colors

With more refined colors than our existing products, it enhances the dignity of on-site professionals.

5. Modern audio system

DAB functionality enables Bluetooth and digital radio broadcast reception. It supports up to 4 channels of speaker output.

6. Separate driving straight-ahead pedal

When driving long distances, the equipment can be driven straight with a separate straight-ahead pedal without a separate switch. When not in use, the pedal can be used as a footrest by locking the function.

7. Improved lever operability and electro-hydraulic system

The spring strength has been adjusted ergonomically to improve the operator's comfort and the electro-hydraulic system has been applied to optimize performance and enhance safety.

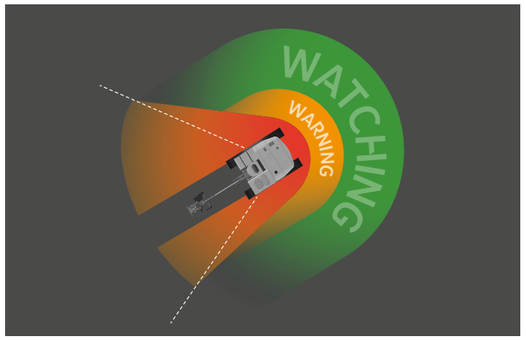
8. Convenient joystick steering

The joystick steering that comes as standard, allows operators to drive forwards, backwards and turn left or right.

SMART

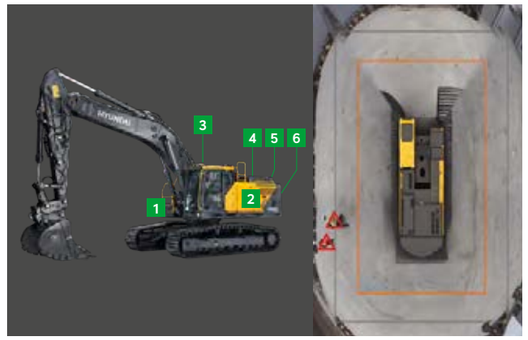
Technology that makes safety perfect

With cutting-edge technology and design optimized for hazardous work environments, safety of operators is guaranteed.
By allowing operators to focus on their work without worrying about safety issues, it will become a reliable partner on the grand journey.



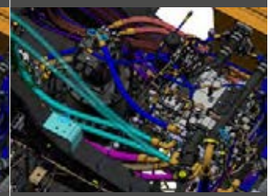
ADS (Advanced Detection System) OPTION

This provides a 330-degree detection angle to the left and right side of the machine covering 6-meters. If an obstacle is detected, visual and audible warnings are activated.



SAVM (Smart Around View Monitoring) OPTION

SAVM detects people and objects around the equipment in real time using AI and displays warning signs on the monitor.
Six cameras allow you to view a video on a big 12.8-inch screen.

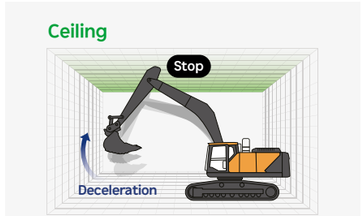
Standard feature	Optional feature
	
Detect engine oil and hydraulic fluid status and contamination with the oil sensor	Detect additional abnormalities in the main pump oil leak, swing motor/ reducer status with separate sensors for vibration, pressure, and oil

EHM (Equipment Health Monitoring)

EHM provides real-time monitoring and diagnosis of equipment, to prevent catastrophic failures and avoid machine downtime.

White noise buzzer

The white noise alert tone using wideband frequency quickly notifies the location of the equipment, and the sound wave quickly dissipates compared to a general buzzer, eliminating noise complaints from the surrounding area.



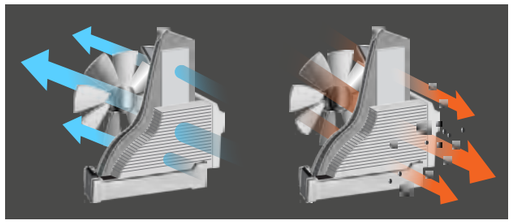
E-Boundary smart control for improved safety

You can set a virtual restricted area based on the local coordinate system of the equipment. It improves safety by warning the operator when there is a risk of contact with areas such as the floor, ceiling and wall

SERVICEABILITY

Convenient maintenance with smart technology

We are creating smart construction sites with digital technology based on IoT, ICT, and AI.
You can control and monitor the site using a computer or smartphone,
allowing for more efficient work time management.



Easy maintenance and cleaning with reversible fan

Thereversible fan function allows for easy maintenance and cleaning of the fan, which increases maintainability and helps to increase the equipment's durability.

Simplified after-treatment device

The simplified integrated after-treatment device minimizes failure factors and applies an automatic after-treatment device regeneration system that does not require frequent forced regeneration.

Increased convenience of replacing filters

The filters in the pump room have been rearranged and the opening area of the filter cover has been expanded to improve the ease of maintenance.

Filters 200%

Coolant 300%

Long-life filters and coolant

Replacement intervals for engine oil, engine oil filters, and fuel filters have been extended from 500 to 1,000 hours (when CK-4 engine oil is used) and coolant replacement intervals have been extended from 2,000 to 6,000 hours.

HYUNDAI CONNECT

HYUNDAI CONNECT is the latest technology that allows you to check and manage the operating status of equipment, the presence of any abnormalities, and consumable information that requires periodic management, using a computer or smartphone via the mobile phone network. You can check the status of equipment in operation on site, even in the office or on the move, without any time or space constraints, and manage the equipment along with service selection.

Digital Key & Remote Start/ Climate Control

With the Hyundai Connect app, you can start the equipment and remotely control various functions (climate control, horn, lamps, door lock/unlock) without a physical key. You can register multiple drivers using a smartphone and preheat the equipment or adjust the cabin for a comfortable environment before boarding.

Location tracking and theft prevention function

You can check the location of your equipment through the Hyundai Connect web or mobile app and track its route if it is in motion. Additionally, you can set up alerts to prevent theft or misuse if the equipment moves outside a predefined area.

Maintenance notifications

If there is a risk of failure after notification and diagnosis of the consumable replacement cycle, the system provides tips on how to deal with the type of failure.

Fleet Monitoring Dashboard & Reports

Through the web and app, you can monitor equipment operation details such as working hours and idle time. You can also configure a dashboard to display key data, including fuel consumption and carbon emissions, or generate detailed equipment reports as needed.

SPECIFICATIONS

ENGINE

Maker / Model	HYUNDAI / DX08
Type	4-cycle, turbocharged, charge air cooled, controlled by ECU
Rated Power (SAE J1995)	340 HP(254 kW) at 1,800 rpm
Max. Power	340 HP(254 kW) at 1,800 rpm
Max. Torque	1,460 N·m (1,077 lb·ft) at 1,300 rpm

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. Oil Flow	2x360 ℓ/min (2x95.1 us gpm)
Rated speed	1,800

Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS

Travel	Variable displacement axial piston motor
Swing	Axial piston motor

RELIEF VALVE SETTING

Maximum pressure	350 kgf/cm²(4,980 psi)
Maximum pressure(Power Boost)	370 kgf/cm²(5,270 psi)

HYDRAULIC CYLINDERS

No. of Cylinder Bore X Stroke	Boom : Ø160x1450 mm
	Arm :Ø170x1805 mm
	Bucket : Ø150x1300 mm

DRIVES & BRAKES

Drive Method	Variable displacement axial piston motor
Braking system	Automatic, spring applied hydraulic released
Max. Drawbar Pull	34,900 kgf/cm² (76,941 lbf)
Max. Travel Speed (High / Low)	5.6 km/hr(3.48 mph) / 3.2 km/hr(1.98 mph)
Gradeability	35°(70%)
Parking Brake	Multi wet disc

CONTROL

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

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

SWING SYSTEM

Swing Motor	Fixed displacement axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	9.9 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel Tank	600	158.5	132
Engine Coolant	46.75	12.4	10.33
Engine Oil	35	9.2	7.66
Hydraulic System (Including Tank)	475	125.5	104.5
Hydraulic Tank	247	65.3	54.4
Def/Adblue®	72	19.0	15.8

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	50 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	3 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,500mm(21′ 4″) boom, 3,200mm(10′ 6″) arm, SAE heaped 2.03m³(2.66 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″)	HX400L	40,360 (88,980)	0.74 (10.5)
		HX400NL	40,290 (88,820)	0.74 (10.5)
	700 (28″)	HX400L	40,850 (90,060)	0.64 (9.2)
	800 (32″)	HX400L	41,340 (91,140)	0.58 (8.3)
	900 (36″)	HX400L	41,840 (92,240)	0.51 (7.3)
Double Grouser	600 (24″)	HX400L	40,440 (89,150)	0.74 (10.6)

STRAGHT BOOM (APPROXIMATE)

HX400L(EU, 7m ST Boom, 3.2 HD arm, dummy link witiout bucket & attachment, 8ton CWT, LC/NL track frame, 600mm TG shoe , normal track guard)

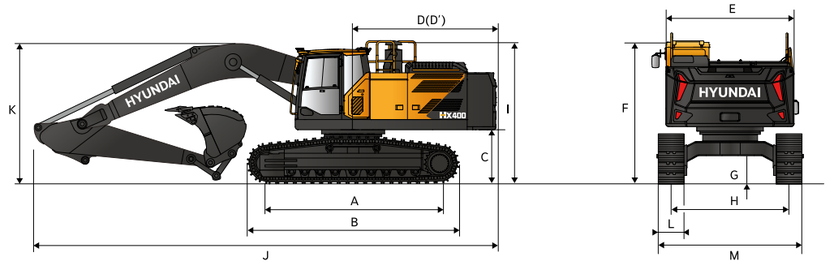
STRAGHT BOOM

Type	Width mm(in)	kg (lb)		kgf/cm² (psi)
Triple Grouser	600 (24″)	HX400L	40,530(89,350)	0.74(10.54)
		HX400NL	40,460(89,200)	0.74(10.52)

DIMENSIONS & WORKING RANGE

HX400L DIMENSIONS

6.2 m (20′ 4″), 6.5 m (21′ 4″), 7.0 m (23′ 0″) BOOM and 2.6m (8′ 6″), 2.9 m (9′ 6″), 3.2 m (10′ 6″), 3.95 m (13′ 0″), 3.2 m (10′ 6″) ARM

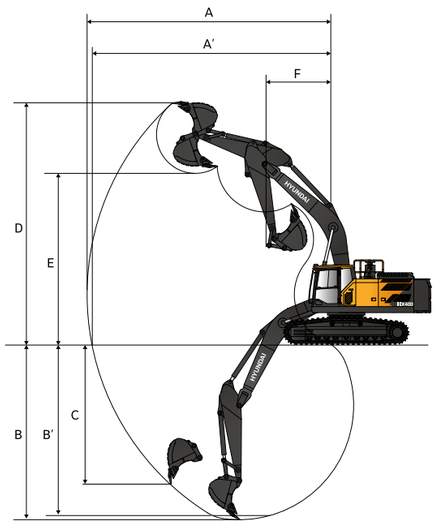


Unit : mm (ft • in)

A	Tumbler Distance		4,230 (13′ 11″)
B	Overall Length of Crawler (W/ Grouser)		5,185 (17′ 0″)
C	Ground Clearance of Counter Weight (W/ Grouser)		1,313 (4′ 4″)
D	Tail Swing Radius		3,530 (11′ 7″)
D′	Rear-End Length		3,520 (11′ 7″)
E	Overall Width of Upper Structure		2,990 (9′ 10″)
F	Overall Height of Cab		3,390 (11′ 1″)
G	Min. Ground Clearance		637 (2′ 1″)
H	Track gauge	HX400L	2,750 (9′ 0″)
		HX400NL	2,400 (7′ 10″)
I	Overall Height of Guardrail (W/ Grouser)		3,530 (11′ 7″)

	Boom Length		6,200 (20′ 4″)	6,500 (21′ 4″)				7,000 (23′ 0″)
	Arm Length		2,600 (8′ 6″)	2,900 (9′ 6″)	2,600 (8′ 6″)	2,900 (9′ 6″)	3,200 (10′ 6″)	3,950 (13′ 0″)	3,200 (10′ 6″)
J	Overall Length		11,090 (36′ 5″)	11,060 (36′ 3″)	11,390 (37′ 4″)	11,360 (37′ 3″)	11,280 (37′ 0″)	11,280 (37′ 0″)	11,848 (38′10″)
K	Overall Height of Boom		3,820 (12′ 6″)	3,750 (12′ 4″)	3,700 (12′ 2″)	3,620 (11′ 11″)	3,460 (11′ 4″)	3,530 (11′ 7″)	3,673 (12′10″)
L	Track Shoe Width		600 (24″)		700 (28″)		800 (32″)		900 (36″)
M	Overall Width w/o Additional Foot Board	HX400L	3,350 (11′ 0″)		3,450 (11′ 4″)		3,550 (11′ 8″)		3,650 (12′ 0″)
		HX400NL	3,000 (9′ 10″)		3,150 (10′ 4″)		3,250 (10′ 8″)		3,350 (11′ 0″)

HX400L WORKING RANGE



Unit : mm (ft • in)

	Boom length		6,200 (20′ 4″)	6,500 (21′ 4″)				7,000 (23′ 0″)
	Arm length		2,600 (8′ 6″)	3,200 (10′ 6″)	2,600 (8′ 6″)	2,900 (9′ 6″)	3,200 (10′ 6″)	3,950 (13′ 0″)	3,200 (10′ 6″)
A	Max. digging reach		10,230 (33′ 7″)	10,500 (34′ 5″)	10,530 (34′ 7″)	10,800 (35′ 5″)	11,110 (36′ 5″)	11,870 (38′ 11″)	11,660 (38′ 3″)
A′	Max. digging reach on ground		9,990 (32′ 9″)	10,280 (33′ 9″)	10,300 (33′ 10″)	10,580 (34′ 9″)	10,900 (35′ 9″)	11,670 (38′ 3″)	11,860 (38′ 11″)
B	Max. digging depth		6,580 (21′ 7″)	6,880 (22′ 7″)	6,800 (22′ 4″)	7,100 (23′ 4″)	7,400 (24′ 3″)	8,160 (26′ 9″)	6,040 (19′ 10″)
B′	Max. digging depth (8′ level)		6,360 (20′ 10″)	6,680 (21′ 11″)	6,580 (21′ 7″)	6,900 (22′ 8″)	7,220 (23′ 8″)	8,020 (26′ 4″)	5,880 (19′ 3″)
C	Max. vertical wall digging depth		4,720 (15′ 6″)	5,070 (16′ 8″)	4,910 (16′ 1″)	5,250 (17′ 3″)	5,710 (18′ 9″)	6,640 (21′ 9″)	5,270 (17′ 3″)
D	Max. digging height		9,660 (31′ 8″)	9,790 (32′ 1″)	9,930 (32′ 7″)	10,060 (33′ 0″)	10,290 (33′ 9″)	10,790 (35′ 5″)	13,220 (43′ 4″)
E	Max. dumping height		6,730 (22′ 1″)	6,850 (22′ 6″)	7,000 (23′ 0″)	7,110 (23′ 4″)	7,310 (24′ 0″)	7,770 (25′ 6″)	9,930 (32′ 7″)
F	Min. swing radius		4,320 (14′ 2″)	4,320 (14′ 2″)	4,480 (14′ 8″)	4,480 (14′ 8″)	4,450 (14′ 7″)	4,510 (14′ 10″)	3,550 (11′ 8″)

LIFTING CAPACITY

Rating over-side or 360 degree Rating over-side or 360 degree

HX400L

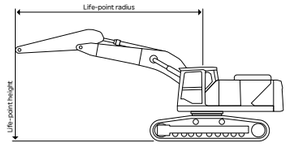
6.2 m (20′ 4″) boom, 2.6 m (8′ 6″) arm equipped with 6.4 ton CTW and 600 mm(24″) triple grouser shoe.

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)		Capacity		Reach
														m (ft)
7.5m	kg											*10,930	10,030	6.70
24.6ft	lb											*24,100	22,110	(22.0)
6.0m	kg							*11,450	*11,450	*10,820	8,280	*10,810	7,960	7.67
19.7ft	lb							*25,240	*25,240	*23,850	18,250	*23,830	17,550	(25.2)
4.5m	kg					*16,290	*16,290	*12,910	11,380	*11,310	8,100	10,710	6,950	8.26
14.8ft	lb					*35,910	*35,910	*28,460	25,090	*24,930	17,860	23,610	15,320	(27.1)
3.0m	kg					*20,140	16,420	*14,670	10,830	*12,130	7,850	10,000	6,460	8.54
9.8ft	lb					*44,400	36,200	*32,340	23,880	*26,740	17,310	22,050	14,240	(28.0)
1.5m	kg					*22,400	15,630	*16,090	10,380	11,970	7,610	9,840	6,320	8.55
4.9ft	lb					*49,380	34,460	*35,470	22,880	26,390	16,780	21,690	13,930	(28.1)
0.0m	kg					*22,680	15,380	16,590	10,130	11,800	7,460	10,210	6,520	8.29
0.0ft	lb					*50,000	33,910	36,570	22,330	26,010	16,450	22,510	14,370	(27.2)
-1.5m	kg			*18,670	*18,670	*21,630	15,400	*16,350	10,070	11,780	7,440	11,300	7,160	7.73
-4.9ft	lb			*41,160	*41,160	*47,690	33,950	*36,050	22,200	25,970	16,400	24,910	15,790	(25.4)
-3.0m	kg			*25,360	*25,360	*19,230	15,620	*14,630	10,200			*12,420	8,650	6.79
-9.8ft	lb			*55,910	*55,910	*42,390	34,440	*32,250	22,490			*27,380	19,070	(22.3)
-4.5m	kg					*14,410	*14,410					*12,030	*12,030	5.27
-14.8ft	lb					*31,770	*31,770					*26,520	*26,520	(17.3)

6.2 m (20′ 4″) boom, 2.9 m (9′ 6″) arm equipped with 6.4 ton CTW and 600 mm(24″) triple grouser shoe.

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											*10,480	9,140	7.08
24.6ft	lb											*23,100	20,150	(23.2)
6.0m	kg					*11,340	*11,340	*10,470	8,260			*10,380	7,400	8.01
19.7ft	lb					*25,000	*25,000	*23,080	18,210			*22,880	16,310	(26.3)
4.5m	kg			*16,730	*16,730	*12,900	11,240	*11,110	8,040			10,050	6,510	8.57
14.8ft	lb			*36,880	*36,880	*28,440	24,780	*24,490	17,730			22,160	14,350	(28.1)
3.0m	kg					*14,670	10,660	*11,970	7,760			9,420	6,070	8.85
9.8ft	lb					*32,340	23,500	*26,390	17,110			20,770	13,380	(29.0)
1.5m	kg					*16,030	10,210	11,860	7,510			9,280	5,950	8.86
4.9ft	lb					*35,340	22,510	26,150	16,560			20,460	13,120	(29.1)
0.0m	kg			*20,850	15,150	16,410	9,970	11,690	7,350			9,590	6,120	8.60
0.0ft	lb			*45,970	33,400	36,180	21,980	25,770	16,200			21,140	13,490	(28.2)
-1.5m	kg	*14,890	*14,890	*21,260	15,200	*16,210	9,920	11,650	7,320			10,520	6,670	8.06
-4.9ft	lb	*32,830	*32,830	*46,870	33,510	*35,740	21,870	25,680	16,140			23,190	14,700	(26.4)
-3.0m	kg	*24,540	*24,540	*19,040	15,430	*14,710	10,040					*11,780	7,920	7.17
-9.8ft	lb	*54,100	*54,100	*41,980	34,020	*32,430	22,130					*25,970	17,460	(23.5)
-4.5m	kg	*18,950	*18,950	*14,920	*14,920							*11,490	11,080	5.75
-14.8ft	lb	*41,780	*41,780	*32,890	*32,890							*25,330	24,430	(18.9)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity 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-side or 360 degree Rating over-side or 360 degree

HX400L

6.5 m (21′ 4″) boom, 3.2 m (10′ 6″) arm equipped with 6.4 ton CTW and 600 mm(24″) triple grouser shoe.

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									*9,340	8,440			*7,790	*7,790	7.80
24.6ft	lb									*20,590	18,610			*17,170	*17,170	(25.6)
6.0m	kg									*9,610	8,340			*7,610	6,560	8.65
19.7ft	lb									*21,190	18,390			*16,780	14,460	(28.4)
4.5m	kg					*14,940	*14,940	*11,900	11,380	*10,380	8,090	*9,100	6,040	*7,710	5,850	9.18
14.8ft	lb					*32,940	*32,940	*26,230	25,090	*22,880	17,840	*20,060	13,320	*17,000	12,900	(30.1)
3.0m	kg					*18,920	16,390	*13,800	10,760	*11,360	7,770	9,170	5,900	*8,040	5,480	9.43
9.8ft	lb					*41,710	36,130	*30,420	23,720	*25,040	17,130	20,220	13,010	*17,730	12,080	(30.9)
1.5m	kg					*21,330	15,420	*15,410	10,230	11,840	7,480	9,010	5,750	8,390	5,360	9.44
4.9ft	lb					*47,020	34,000	*33,970	22,550	26,100	16,490	19,860	12,680	18,500	11,820	(31.0)
0.0m	kg					*21,960	15,040	*16,300	9,900	11,610	7,270	8,900	5,650	8,620	5,480	9.20
0.0ft	lb					*48,410	33,160	*35,940	21,830	25,600	16,030	19,620	12,460	19,000	12,080	(30.2)
-1.5m	kg			*14,130	*14,130	*21,820	14,980	16,210	9,780	11,510	7,180			9,320	5,900	8.70
-4.9ft	lb			*31,150	*31,150	*48,100	33,030	35,740	21,560	25,380	15,830			20,550	13,010	(28.5)
-3.0m	kg	*16,900	*16,900	*22,790	*22,790	*20,120	15,130	*15,330	9,830	11,590	7,250			10,810	6,810	7.88
-9.8ft	lb	*37,260	*37,260	*50,240	*50,240	*44,360	33,360	*33,800	21,670	25,550	15,980			23,830	15,010	(25.9)
-4.5m	kg			*22,400	*22,400	*16,860	15,500	*12,730	10,100					*11,020	8,850	6.62
-14.8ft	lb			*49,380	*49,380	*37,170	34,170	*28,060	22,270					*24,290	19,510	(21.7)
-6.0m	kg															
-19.7ft	lb															

6.5 m (21′ 4″) boom, 3.95 m (12′ 12″) arm equipped with 6.4 ton CTW and 600 mm(24″) triple grouser shoe.

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)		10.5m (34.4ft)		Capacity		Reach
																		m (ft)
9.0m	kg									*6,410	*6,410					*6,090	*6,090	7.58
29.5ft	lb									*14,130	*14,130					*13,430	*13,430	(24.9)
7.5m	kg															*5,680	*5,680	8.71
24.6ft	lb															*12,520	*12,520	(28.6)
6.0m	kg									*8,560	8,470	*7,520	6,220			*5,530	*5,530	9.48
19.7ft	lb									*18,870	18,670	*16,580	13,710			*12,190	*12,190	(31.1)
4.5m	kg							*10,560	*10,560	*9,420	8,180	*8,780	6,090			*5,560	5,110	9.96
14.8ft	lb							*23,280	*23,280	*20,770	18,030	*19,360	13,430			*12,260	11,270	(32.7)
3.0m	kg					*16,740	*16,740	*12,580	10,920	*10,520	7,820	9,180	5,900			*5,740	4,810	10.19
9.8ft	lb					*36,910	*36,910	*27,730	24,070	*23,190	17,240	20,240	13,010			*12,650	10,600	(33.4)
1.5m	kg					*20,130	15,630	*14,460	10,290	*11,590	7,460	8,970	5,700			*6,090	4,700	10.20
4.9ft	lb					*44,380	34,460	*31,880	22,690	*25,550	16,450	19,780	12,570			*13,430	10,360	(33.5)
0.0m	kg			*7,890	*7,890	*21,840	14,960	*15,730	9,840	11,540	7,190	8,800	5,550			*6,670	4,780	9.98
0.0ft	lb			*17,390	*17,390	*48,150	32,980	*34,680	21,690	25,440	15,850	19,400	12,240			*14,700	10,540	(32.8)
-1.5m	kg	*8,350	*8,350	*12,630	*12,630	*22,040	14,730	16,050	9,620	11,370	7,030	8,720	5,470			*7,610	5,080	9.52
-4.9ft	lb	*18,410	*18,410	*27,840	*27,840	*48,590	32,470	35,380	21,210	25,070	15,500	19,220	12,060			*16,780	11,200	(31.2)
-3.0m	kg	*13,490	*13,490	*18,720	*18,720	*21,020	14,760	*15,750	9,580	11,350	7,020					9,080	5,700	8.78
-9.8ft	lb	*29,740	*29,740	*41,270	*41,270	*46,340	32,540	*34,720	21,120	25,020	15,480					20,020	12,570	(28.8)
-4.5m	kg	*19,700	*19,700	*25,930	*25,930	*18,650	15,030	*14,110	9,740	*10,560	7,190					*10,110	6,980	7.68
-14.8ft	lb	*43,430	*43,430	*57,170	*57,170	*41,120	33,140	*31,110	21,470	*23,280	15,850					*22,290	15,390	(25.2)
-6.0m	kg			*19,020	*19,020	*14,040	*14,040	*9,870	*9,870							*9,850	*9,850	6.00
-19.7ft	lb			*41,930	*41,930	*30,950	*30,950	*21,760	*21,760							*21,720	*21,720	(19.7)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity 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-side or 360 degree Rating over-side or 360 degree

HX400 NL

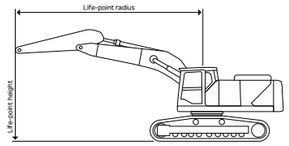
6.2 m (20′ 4″) boom, 2.6 m (8′ 6″) arm equipped with 600 mm(24″) triple grouser shoe.

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)		Capacity		Reach
														m (ft)
7.5m	kg											*10,940	8,770	6.70
24.6ft	lb											*24,120	19,330	(22.0)
6.0m	kg							*11,460	10,340	*10,830	7,230	*10,820	6,960	7.67
19.7ft	lb							*25,260	22,800	*23,880	15,940	*23,850	15,340	(25.2)
4.5m	kg					*16,310	15,150	*12,920	9,890	*11,320	7,070	10,700	6,060	8.26
14.8ft	lb					*35,960	33,400	*28,480	21,800	*24,960	15,590	23,590	13,360	(27.1)
3.0m	kg					*20,150	13,950	*14,680	9,360	*12,140	6,820	9,990	5,610	8.54
9.8ft	lb					*44,420	30,750	*32,360	20,640	*26,760	15,040	22,020	12,370	(28.0)
1.5m	kg					*22,420	13,200	*16,100	8,930	11,960	6,590	9,840	5,480	8.55
4.9ft	lb					*49,430	29,100	*35,490	19,690	26,370	14,530	21,690	12,080	(28.1)
0.0m	kg					*22,690	12,960	16,570	8,680	11,790	6,440	10,200	5,640	8.29
0.0ft	lb					*50,020	28,570	36,530	19,140	25,990	14,200	22,490	12,430	(27.2)
-1.5m	kg			*18,680	*18,680	*21,640	12,980	*16,360	8,620	11,770	6,420	11,290	6,190	7.73
-4.9ft	lb			*41,180	*41,180	*47,710	28,620	*36,070	19,000	25,950	14,150	24,890	13,650	(25.4)
-3.0m	kg			*25,370	*25,370	*19,250	13,190	*14,640	8,750			*12,430	7,460	6.79
-9.8ft	lb			*55,930	*55,930	*42,440	29,080	*32,280	19,290			*27,400	16,450	(22.3)
-4.5m	kg					*14,420	13,670					*12,040	10,930	5.27
-14.8ft	lb					*31,790	30,140					*26,540	24,100	(17.3)

6.5 m (21′ 4″) boom, 2.6m (8′ 6″) arm equipped with 600 mm(24″) triple grouser shoe.

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											*10,480	7,990	7.08
24.6ft	lb											*23,100	17,610	(23.2)
6.0m	kg					*11,340	10,250	*10,470	7,210			*10,380	6,450	8.01
19.7ft	lb					*25,000	22,600	*23,080	15,900			*22,880	14,220	(26.3)
4.5m	kg			*16,730	14,820	*12,900	9,740	*11,110	6,990			10,030	5,660	8.57
14.8ft	lb			*36,880	32,670	*28,440	21,470	*24,490	15,410			22,110	12,480	(28.1)
3.0m	kg					*14,670	9,190	*11,970	6,720			9,410	5,260	8.85
9.8ft	lb					*32,340	20,260	*26,390	14,820			20,750	11,600	(29.0)
1.5m	kg					*16,030	8,750	11,840	6,480			9,260	5,140	8.86
4.9ft	lb					*35,340	19,290	26,100	14,290			20,410	11,330	(29.1)
0.0m	kg			*20,850	12,740	16,380	8,520	11,660	6,320			9,580	5,280	8.60
0.0ft	lb			*45,970	28,090	36,110	18,780	25,710	13,930			21,120	11,640	(28.2)
-1.5m	kg	*14,890	*14,890	*21,260	12,790	*16,210	8,470	11,630	6,300			10,500	5,750	8.06
-4.9ft	lb	*32,830	*32,830	*46,870	28,200	*35,740	18,670	25,640	13,890			23,150	12,680	(26.4)
-3.0m	kg	*24,540	*24,540	*19,040	13,000	*14,710	8,590					*11,780	6,820	7.17
-9.8ft	lb	*54,100	*54,100	*41,980	28,660	*32,430	18,940					*25,970	15,040	(23.5)
-4.5m	kg	*18,950	*18,950	*14,920	13,440							*11,490	9,500	5.75
-14.8ft	lb	*41,780	*41,780	*32,890	29,630							*25,330	20,940	(18.9)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity 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-side or 360 degree Rating over-side or 360 degree

HX400 NL

6.5 m (21′ 4″) boom, 3.2m (10′ 6″) arm equipped with 600 mm(24″) triple grouser shoe.

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									*9,340	7,380			*7,790	6,870	7.80
24.6ft	lb									*20,590	16,270			*17,170	15,150	(25.6)
6.0m	kg									*9,610	7,290			*7,610	5,710	8.65
19.7ft	lb									*21,190	16,070			*16,780	12,590	(28.4)
4.5m	kg					*14,940	*14,940	*11,900	9,880	*10,380	7,040	*9,100	5,240	*7,710	5,070	9.18
14.8ft	lb					*32,940	*32,940	*26,230	21,780	*22,880	15,520	*20,060	11,550	*17,000	11,180	(30.1)
3.0m	kg					*18,920	13,900	*13,800	9,270	*11,360	6,730	9,150	5,100	*8,040	4,730	9.43
9.8ft	lb					*41,710	30,640	*30,420	20,440	*25,040	14,840	20,170	11,240	*17,730	10,430	(30.9)
1.5m	kg					*21,330	12,990	*15,410	8,770	11,820	6,440	8,990	4,960	8,370	4,620	9.44
4.9ft	lb					*47,020	28,640	*33,970	19,330	26,060	14,200	19,820	10,930	18,450	10,190	(31.0)
0.0m	kg					*21,960	12,620	*16,300	8,450	11,590	6,240	8,880	4,860	8,600	4,720	9.20
0.0ft	lb					*48,410	27,820	*35,940	18,630	25,550	13,760	19,580	10,710	18,960	10,410	(30.2)
-1.5m	kg			*14,130	*14,130	*21,820	12,570	16,180	8,330	11,490	6,160			9,300	5,070	8.70
-4.9ft	lb			*31,150	*31,150	*48,100	27,710	35,670	18,360	25,330	13,580			20,500	11,180	(28.5)
-3.0m	kg	*16,900	*16,900	*22,790	*22,790	*20,120	12,710	*15,330	8,380	11,560	6,220			10,790	5,850	7.88
-9.8ft	lb	*37,260	*37,260	*50,240	*50,240	*44,360	28,020	*33,800	18,470	25,490	13,710			23,790	12,900	(25.9)
-4.5m	kg			*22,400	*22,400	*16,860	13,060	*12,730	8,640					*11,020	7,600	6.62
-14.8ft	lb			*49,380	*49,380	*37,170	28,790	*28,060	19,050					*24,290	16,760	(21.7)
-6.0m	kg															
-19.7ft	lb															

6.5 m (21′ 4″) boom, 3.95m (12′ 12″) arm equipped with 600 mm(24″) triple grouser shoe.

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)		10.5m (34.4ft)		Capacity		Reach
																		m (ft)
9.0m	kg									*6,410	*6,410					*6,090	*6,090	7.58
29.5ft	lb									*14,130	*14,130					*13,430	*13,430	(24.9)
7.5m	kg															*5,680	*5,680	8.71
24.6ft	lb															*12,520	*12,520	(28.6)
6.0m	kg									*8,560	7,410	*7,520	5,410			*5,530	4,910	9.48
19.7ft	lb									*18,870	16,340	*16,580	11,930			*12,190	10,820	(31.1)
4.5m	kg							*10,560	10,090	*9,420	7,120	*8,780	5,280			*5,560	4,410	9.96
14.8ft	lb							*23,280	22,240	*20,770	15,700	*19,360	11,640			*12,260	9,720	(32.7)
3.0m	kg					*16,740	14,350	*12,580	9,420	*10,520	6,770	9,160	5,100			*5,740	4,140	10.19
9.8ft	lb					*36,910	31,640	*27,730	20,770	*23,190	14,930	20,190	11,240			*12,650	9,130	(33.4)
1.5m	kg					*20,130	13,170	*14,460	8,810	*11,590	6,430	8,950	4,910			*6,090	4,040	10.20
4.9ft	lb					*44,380	29,030	*31,880	19,420	*25,550	14,180	19,730	10,820			*13,430	8,910	(33.5)
0.0m	kg			*7,890	*7,890	*21,840	12,540	*15,730	8,390	11,520	6,160	8,780	4,760			*6,670	4,090	9.98
0.0ft	lb			*17,390	*17,390	*48,150	27,650	*34,680	18,500	25,400	13,580	19,360	10,490			*14,700	9,020	(32.8)
-1.5m	kg	*8,350	*8,350	*12,630	*12,630	*22,040	12,320	16,020	8,170	11,350	6,010	8,700	4,680			*7,610	4,350	9.52
-4.9ft	lb	*18,410	*18,410	*27,840	*27,840	*48,590	27,160	35,320	18,010	25,020	13,250	19,180	10,320			*16,780	9,590	(31.2)
-3.0m	kg	*13,490	*13,490	*18,720	*18,720	*21,020	12,350	*15,750	8,130	11,330	5,990					9,060	4,890	8.78
-9.8ft	lb	*29,740	*29,740	*41,270	*41,270	*46,340	27,230	*34,720	17,920	24,980	13,210					19,970	10,780	(28.8)
-4.5m	kg	*19,700	*19,700	*25,930	24,870	*18,650	12,600	*14,110	8,290	*10,560	6,160					*10,110	5,990	7.68
-14.8ft	lb	*43,430	*43,430	*57,170	54,830	*41,120	27,780	*31,110	18,280	*23,280	13,580					*22,290	13,210	(25.2)
-6.0m	kg			*19,020	*19,020	*14,040	13,130	*9,870	8,740							*9,850	8,740	6.00
-19.7ft	lb			*41,930	*41,930	*30,950	28,950	*21,760	19,270							*21,720	19,270	(19.7)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity 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-side or 360 degree Rating over-side or 360 degree

HX400L STRAGHT BOOM

7.0 m (23′ 0″) boom, 3.2 m (10′ 6″) arm equipped with 8.0 ton CTW and 600 mm(24″) triple grouser shoe.

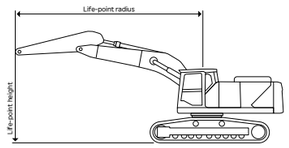
Lift-point height (m/ft)		Lift-point radius								At max. reach		
		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
												m(ft)
10.5m	kg									*10,380	*10,380	5.83
34.4ft	lb									*22,880	*22,880	(19.1)
9.0m	kg			*11,370	*11,370	*9,200	9,000			*8,740	*8,740	7.56
29.5ft	lb			*25,070	*25,070	*20,280	19,840			*19,270	*19,270	(24.8)
7.5m	kg			*11,030	*11,030	*11,210	9,090			*8,010	7,020	8.70
24.6ft	lb			*24,320	*24,320	*24,710	20,040			*17,660	15,480	(28.5)
6.0m	kg	*11,720	*11,720	*12,390	*12,390	*11,520	8,900	10,100	6,620	*7,680	6,050	9.47
19.7ft	lb	*25,840	*25,840	*27,320	*27,320	*25,400	19,620	22,270	14,590	*16,930	13,340	(31.1)
4.5m	kg	*19,650	18,500	*14,740	11,980	*12,050	8,590	9,970	6,500	*7,590	5,520	9.95
14.8ft	lb	*43,320	40,790	*32,500	26,410	*26,570	18,940	21,980	14,330	*16,730	12,170	(32.6)
3.0m	kg			*15,800	11,320	*12,540	8,250	9,780	6,330	*7,710	5,250	10.18
9.8ft	lb			*34,830	24,960	*27,650	18,190	21,560	13,960	*17,000	11,570	(33.4)
1.5m	kg			*16,160	10,830	12,570	7,970	9,620	6,180	*8,030	5,190	10.19
4.9ft	lb			*35,630	23,880	27,710	17,570	21,210	13,620	*17,700	11,440	(33.4)
0.0m	kg			*15,540	10,590	*12,290	7,800	9,520	6,090	*8,010	5,330	9.97
0.0ft	lb			*34,260	23,350	*27,090	17,200	20,990	13,430	*17,660	11,750	(32.7)
-1.5m	kg	*16,860	16,270	*13,960	10,560	*11,150	7,750	*8,520	6,100	*7,260	5,720	9.51
-4.9ft	lb	*37,170	35,870	*30,780	23,280	*24,580	17,090	*18,780	13,450	*16,010	12,610	(31.2)
-3.0m	kg	*13,280	*13,280	*11,360	10,690	*8,960	7,860			*6,080	*6,080	8.77
-9.8ft	lb	*29,280	*29,280	*25,040	23,570	*19,750	17,330			*13,400	*13,400	(28.8)

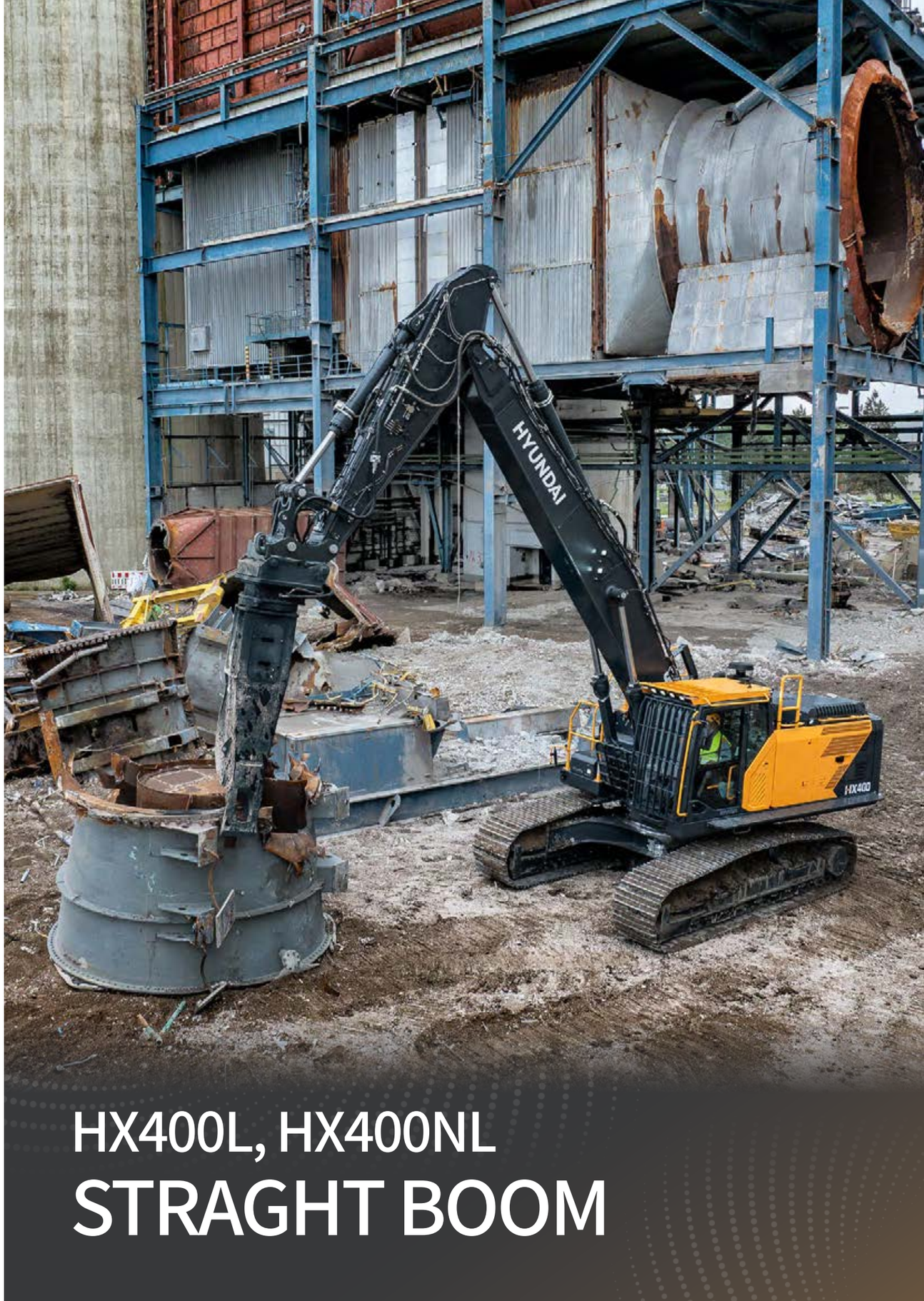
HX400NL STRAGHT BOOM

7.0 m (23′ 0″) boom, 3.2 m (10′ 6″) arm equipped with 8.0 ton CTW and 600 mm(24″) triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
												m(ft)
10.5m	kg									*10,350	*10,350	5.83
34.4ft	lb									*22,820	*22,820	(19.1)
9.0m	kg			*11,360	*11,360	*9,180	7,870			*8,720	7,750	7.56
29.5ft	lb			*25,040	*25,040	*20,240	17,350			*19,220	17,090	(24.8)
7.5m	kg			*11,030	*11,030	*11,210	7,970			*8,000	6,120	8.70
24.6ft	lb			*24,320	*24,320	*24,710	17,570			*17,640	13,490	(28.5)
6.0m	kg	*11,770	*11,770	*12,420	11,020	*11,530	7,790	10,080	5,780	*7,670	5,270	9.47
19.7ft	lb	*25,950	*25,950	*27,380	24,290	*25,420	17,170	22,220	12,740	*16,910	11,620	(31.1)
4.5m	kg	*19,670	15,850	*14,750	10,420	*12,060	7,500	9,950	5,660	*7,590	4,790	9.95
14.8ft	lb	*43,360	34,940	*32,520	22,970	*26,590	16,530	21,940	12,480	*16,730	10,560	(32.6)
3.0m	kg			*15,820	9,780	*12,550	7,170	9,770	5,500	*7,710	4,550	10.18
9.8ft	lb			*34,880	21,560	*27,670	15,810	21,540	12,130	*17,000	10,030	(33.4)
1.5m	kg			*16,180	9,310	12,570	6,890	9,610	5,350	8,030	4,490	10.19
4.9ft	lb			*35,670	20,530	27,710	15,190	21,190	11,790	17,700	9,900	(33.4)
0.0m	kg			*15,560	9,080	*12,310	6,730	9,510	5,270	*8,010	4,610	9.97
0.0ft	lb			*34,300	20,020	*27,140	14,840	20,970	11,620	*17,660	10,160	(32.7)
-1.5m	kg	*16,820	13,730	*13,980	9,040	*11,160	6,690	*8,530	5,280	*7,260	4,950	9.51
-4.9ft	lb	*37,080	30,270	*30,820	19,930	*24,600	14,750	*18,810	11,640	*16,010	10,910	(31.2)
-3.0m	kg	*13,300	*13,300	*11,380	9,170	*8,980	6,780			*6,090	5,630	8.77
-9.8ft	lb	*29,320	*29,320	*25,090	20,220	*19,800	14,950			*13,430	12,410	(28.8)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity 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.





HX400L, HX400NL
STRAGHT BOOM

BUCKET SELECTION GUIDE & DIGGING FORCE

HX400 L

R2H R2H+ R2S R2S+ ROCK

Type	Capacity m^3 (yd^3)		Width mm (in)	Weight kg (lb)	Tooth EA	Recommendation mm (ft-in)					
						6,200 (20′ 4″) Boom		6,500 (21′ 4″) Boom			
	SAE heaped	CECE heaped				2,600 (8′ 6″) Arm	2,900 (9′ 6″) Arm	2,600 (8′ 6″) Arm	2,900 (9′ 6″) Arm	3,200 (10′ 6″) Arm	3,950 (12′ 12″) Arm
R2H	1.66 (2.17)	1.50 (1.96)	1,428 (56.2″)	1,520 (3,350)	5	●	●	●	●	●	●
R2H	1.81 (2.37)	1.63 (2.13)	1,534 (60.4″)	1,620 (3,570)	6	●	●	●	●	●	◐
R2H	2.03 (2.66)	1.81 (2.37)	1,684 (66.3″)	1,715 (3,780)	6	●	●	●	●	◐	■
R2H	2.32 (3.03)	2.07 (2.71)	1,892 (74.5″)	1,850 (4,080)	6	●	◐	◐	◐	■	-
R2H	2.50 (3.27)	2.25 (2.94)	1,763 (69.4″)	1,860 (4,100)	6	◐	◐	◐	■	■	-
R2H+	1.81 (2.37)	1.63 (2.13)	1,534 (60.4″)	1,890 (4,170)	5	●	●	●	●	●	◐
R2H+	2.03 (2.66)	1.81 (2.37)	1,684 (66.3″)	1,820 (4,010)	6	●	●	●	●	◐	■
R2H+	2.50 (3.27)	2.25 (2.94)	1,763 (69.4″)	1,960 (4,320)	6	◐	◐	◐	■	■	-
R2S	1.71 (2.24)	1.54 (2.01)	1,452 (57.2″)	1,955 (4,310)	5	●	●	●	●	●	-
R2S	1.92 (2.51)	1.72 (2.25)	1,602 (63.1″)	2,075 (4,570)	5	●	●	●	●	◐	-
R2S	2.22 (2.90)	1.98 (2.59)	1,809 (71.2″)	2,295 (5,060)	6	●	◐	◐	◐	■	-
R2S	2.50 (3.27)	2.25 (2.94)	1,752 (69.0″)	2,345 (5,170)	6	◐	■	■	■	▲	-
R2S+	1.71 (2.24)	1.54 (2.01)	1,452 (57.2″)	2,150 (4,740)	5	●	●	●	●	●	-
R2S+	1.92 (2.51)	1.72 (2.25)	1,602 (63.1″)	2,285 (5,040)	5	●	●	●	●	◐	-
ROCK	1.28 (1.67)	1.12 (1.46)	1,382 (54.4″)	1,440 (3,170)	5	●	●	●	●	●	-
ROCK	1.37 (1.79)	1.19 (1.56)	1,434 (56.5″)	1,465 (3,230)	5	●	●	●	●	●	-

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

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
6,200mm (20′ 4″), 6,500mm (21′ 4″) Booms and 2,600 (8′ 6″), 2,900 (9′ 6″), 3,200 (10′ 6″), 3,950 (12′ 12″) Arms are available.
Hyundai Buckets are all-welded, high-strength steel implements.

DIGGING FORCE

Boom	Length	mm (ft.in)	6,200(20′ 4″)		6,500 (21″ 4″)				Remark
Arm	Length	mm (ft.in)	2,600 (8′ 6″)	2,900 (9′ 6″)	2,600 (8′ 6″)	2,900 (9′ 6″)	3,200 (10′ 6″)	3,950 (12′ 12″)	
Bucket Digging Force	SAE	kN	219.7 (232.4)	219.7 (232.4)	219.7 (232.4)	219.7 (232.4)	219.7 (232.3)	219.7 (232.4)	[ ]: Power Boost
		kgf	22,390 (23,700)	22,390 (23,700)	22,390 (23,700)	22,390 (23,700)	22,390 (23,700)	22,390 (23,700)	
		lbf	49,370 (52,200)	49,370 (52,200)	49,370 (52,200)	49,370 (52,200)	49,370 (52,200)	49,370 (52,200)	
	ISO	kN	244.9 (258.9)	244.9 (258.9)	244.9 (258.9)	244.9 (258.9)	244.9 (258.9)	244.9 (258.9)	
		kgf	24,960 (26,400)	24,960 (26,400)	24,960 (26,400)	24,960 (26,400)	24,960 (26,400)	24,960 (26,400)	
		lbf	55,040 (58,200)	55,040 (58,200)	55,040 (58,200)	55,040 (58,200)	55,040 (58,200)	55,040 (58,200)	
Arm Crowd Force	SAE	kN	212.3 (224.4)	191.3 (202.2)	212.3 (224.4)	191.3 (202.2)	173.0 (182.9)	146.5 (154.9)	
		kgf	21,640 (22,900)	19,500 (20,600)	21,640 (22,900)	19,500 (20,600)	17,630 (18,600)	14,930 (15,800)	
		lbf	47,710 (50,400)	42,990 (45,400)	47,710 (50,400)	42,990 (45,400)	38,870 (41,100)	32,920 (34,800)	
	ISO	kN	217.7 (230.1)	195.7 (206.9)	217.7 (230.1)	195.7 (206.9)	176.7 (186.8)	149.1 (157.6)	
		kgf	22,180 (23,400)	19,950 (21,100)	22,180 (23,400)	19,950 (21,100)	18,000 (19,000)	15,190 (16,100)	
		lbf	48,910 (51,700)	43,990 (46,500)	48,910 (51,700)	43,990 (46,500)	39,700 (42,000)	33,490 (35,400)	

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

STANDARD / OPTION

* 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.

HYDRAULIC SYSTEM	STD
FULL ELECTRO HYDRAULIC (FEH)	
Variable Power Control	●
Electric Pump Flow Control	●
Electric MCV with Electric Joystick	●
Attachment Mode Flow Control	●
Engine Auto Idle	●
Engine Auto Shutdown Control	●
JOYSTICK STEERING	●

CAB & INTERIOR	STD
ISO STANDARD CABIN	
Cabin Light (2 Working Lamp, HAL)	
Cabin Light (2 Working Lamp, LED)	●
Cabin Light (6 Working Lamp, LED)	
Cabin Upper and Lower Guard	
Cabin Lower Guard	
Cabin Rain Shield	
Parallel Wiper	●
Radio / MP3 (Stereo)	●
DAB Audio (Handsfree&Bluetooth)	
Electric Horn	●
Safety Glass - Tempered Glass	●
Safety Glass - Laminated Glass (front)	●
Sliding Fold-In Front Window	●
Sliding Slide Window (LH)	●
Lockable Door	●
Hot & Cool Box	●
Storage Compartment	●
Comfort Package (Premium Seat included)	
Multi Channel Speaker (4ea)	●
AUTOMATIC CLIMATE CONTROL	
Air Conditioner & Heater	●
Defroster	●
AUTOMATIC STARTING AID (AIR GRID HEATER) FOR WEATHER	
Starting Aid (Air Grid Heater) for Cold Weather	●
Engine Coolant Heater & Plug Heater (110V Plug Heater)	
Engine Coolant Heater & Plug Heater (220V Plug Heater)	
ADDITIONAL GAUGE PANEL (AGP)	
12″ LCD Display	●
12″ LCD Display dual (Foldable, 2ea)	
Engine Speed or Trip Meter / Accel	●
Engine Coolant Temperature Gauge	●
Max Power / Low&High Speed / Engine Check indicator	●
Auto Idle	●
Overload Warning with alarm	●
Eco Gauge / Fuel Level / Hyd. Oil Temperature Gauge	●
Air Cleaner Clogging	●
Fuel Warmer	●
Warnings	●
Communication Error	●
Low Battery / Clock	●
SEAT	
Heating & Cooling Seat	
Heating Seat	●
Premium Seat with Heating & Cooling	
CABIN FOG (ISO) 10262	
FOG (Falling Object Guard) — Front & Top Guard	
FOG (Falling Object Guard) — Top Guard	
CABIN ROPS (ISO) 12117-2	
ROPS (Roll Over Protective Structures)	●

SAFETY	STD
Battery Master Swithch	●
Right and Rear View Camera	●
Smart Around View Camera (SAVM)	
Travel Alarm	●
Beacon Lamp	●
Automatic Swing Brake	●
Boom Holding Valve	●

SAFETY	STD
Arm Holding Valve	●
Overload Warning Device	●

NEW TECHNOLOGY	STD
Machine Guidance (MG)	
Machine Guidance (MG) with 2D MG Laser Receiver	
Machine Control (MC) with Weighing/LA : MC and Bucket Weight Indicating with Lift Assist	
Machine Control (MC) with Weighing/ALA : Advanced Lift Assist (Pro) applied	
Equipment Health Monitoring (EHM) - Basic : Engine Oil & Hyd. Oil Status check as real time basis	●
Equipment Health Monitoring (EHM) - Premium : Basic + Main Pump & Swing Device check included	
Around Radar	
Digital Key	
Intelligence Package	

OTHERS	STD
Smart Key (Same)	
Smart Key (Variant)	
General (Same)	●
Microphone	
Reversible Fan	
Breaker Filter	
Pre Cleaner - Oil washed	
Fine Swing	
Straight Travel	
Hi MATE (Telematics)	●
Air Compressor	
Auto Greasing System	
Sid Protector & Catwalk	
Fuel Filler Pump	●
Heat Wire for mirror	
Shoe Case	
Alarm for all with White Noise	●
Double-Acting Piping with Pedal	●
Rotating Piping (PERO)	
Quick Coupler	
Quick Coupler Piping	●
Tool Kit	
BOOMS	
6.5 m, 21′ 4″, HD (Heavy Duty)	●
6.5 m, 21′ 4″	
6.2 m, 20′ 4″	
7.0 m, 23′ 0″, Straight Boom, Boom Cylinder Guard	
ARMS	
2.6 m	
2.9 m	
3.2 m	
3.95 m	
3.2 m, 10′ 6″, HD (Heavy Duty)	●
3.2 m Thumb Ready Arm(w/o Lug) (North America Only)	
3.95 m Thumb Ready Arm(w/o Lug) (North America Only)	
COUNTERWEIGHT	
6.4 ton	●
6.9 ton	
7.4 ton	
8.0 ton	

UNDERCARRIAGE	STD
Heavy Duty Under Cover	●
TRACK SHOES	
600 mm Shoe	●
600 mm Double Grouser Shoe	
700 mm Shoe	
800 mm Shoe	
900 mm Shoe	
TRACK GUARD	
Normal Track Guard	●
Full Track Guard	