

HYUNDAI

HX400L SPECIFICATIONS

Net Power

336 hp (251 kW) at 1,800 rpm

Operating Weight

94,420 lb (42,830 kg)

Standard Bucket

2.66 yd³ (2.03 m³)

ENGINE

Make / Model	HYUNDAI / DX08
Type	4-cycle, turbocharged, charge air-cooled, controlled by ECU
Net Power (SAE J1349)	336 hp (251 kW) at 1,800 rpm
Max. Power (SAE J1995)	340 hp (254 kW) at 1,800 rpm
Max. Torque	1,077 lb-ft (1,460 Nm) at 1,300 rpm
Displacement	459 in ³ (7,527 cc)

ELECTRICAL SYSTEM

Batteries	2 × 12 V, 150 Ah
Alternator	24 V, 90 A
Starter	24 V, 6.0 kW

HYDRAULIC SYSTEM

MAIN PUMP	Cross-sensing and fuel-saving pump system.
Type	Variable-displacement tandem axis piston pumps
Max. Oil Flow	2 × 95.1 gpm (2 × 360 ℓ/min)
Displacement	2 × 12.2 in ³ /rev (2 × 200 cc/rev)
Rated Speed	1,800 rpm

PILOT PUMP

Type	Fixed-displacement gear pump
Max. Oil Flow	6.4 gpm (24.1 ℓ/min)

RELIEF-VALVE SETTING

Maximum Pressure	5,120 psi (353 kgf/cm ²)
Maximum Pressure (Power Boost)	5,410 psi (373 kgf/cm ²)

HYDRAULIC CYLINDERS

No. of Cylinders	Boom	6.3" × 57" (160 × 1,450 mm)
Bore × Stroke	Arm	6.7" × 71" (170 × 1,805 mm)
	Bucket	5.9" × 51" (150 × 1,300 mm)

AUXILIARY CIRCUIT

Operating Flow	13–190 gpm (50–720 ℓ/min)
Operating Pressure	2,030–4,931 psi (140–340 bar)

ROTATION CIRCUIT (OPTION)

Operating Flow	15 gpm (60 ℓ/min)
Operating Pressure	2,320 psi (160 bar)

TRAVEL SYSTEM

Drive Method		Variable-displacement axial piston motor
Max. Drawbar Pull		66,140 lbf (30,001 kgf)
Travel Speed	High	3.39 mph (5.5 km/h)
	Low	1.93 mph (3.1 km/h)
Gradeability		70% (35°)

CONTROL

Electronic joysticks and pedals provide almost effortless and fatigue-less operation.

Pilot Control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket
Traveling and Steering	Two levers with pedals
Engine Throttle	Electric, dial type—12 setting levels

SWING SYSTEM

Swing Motor	Fixed-displacement axial piston motor
Swing Reduction	2-stage planetary reduction gear
Swing Brake	Multi wet disc
Swing Speed	9.7 rpm
Swing Torque	108,421 lb-ft (147 kNm)

DIGGING FORCE

Arm Length		10' 6" (3,200 mm)	13' (3,950 mm)
Arm Crowd Force	SAE	lbf	38,890 [41,120]
		kN	173 [183]
	ISO	lbf	39,720 [41,120]
		kN	177 [183]
Bucket Breakout Force	SAE	lbf	47,340 [50,040]
		kN	211 [223]
	ISO	lbf	53,770 [56,830]
		kN	239 [253]

[]—Power boost

COOLANT & LUBRICANT CAPACITY

Fuel Tank	158.5 (600)
Engine Coolant	12.4 (46.75)
Engine Oil	9.2 (35)
Hydraulic System (Including Tank)	125.5 (475)
Hydraulic Tank	65.3 (247)
DEF/AdBlue®	19.0 (72)

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	50 ea
No. of Carrier Rollers on Each Side	2 ea
No. of Track Rollers on Each Side	9 ea
No. of Rail Guards on Each Side	4 ea / 9 ea

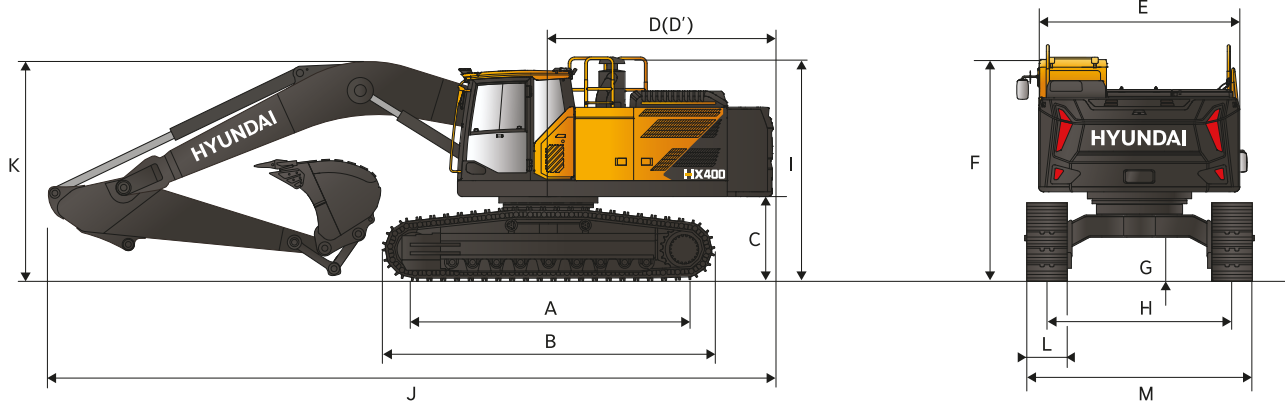
OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 21' 4" (6,500 mm) heavy-duty boom, 10' 6" (3,200 mm) heavy-duty arm, SAE heaped 2.66 yd³ (2.03 m³) bucket, 16,310 lb (7,400 kg) heavy counterweight, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipment.

Shoes		Operating Weight	Ground Pressure
Type	Width	lb (kg)	psi (kgf/cm ²)
Triple Grouser	32" (800 mm)	94,420 (42,830)	8.39 (0.59)
	36" (900 mm)	95,500 (43,320)	7.54 (0.53)

HX400L DIMENSIONS & WORKING RANGE

DIMENSIONS



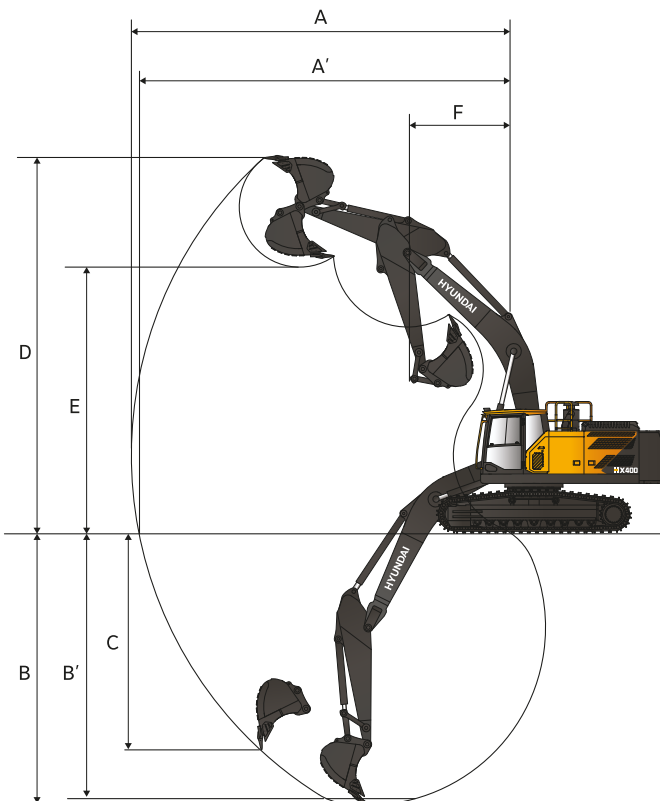
Units: ft in (mm)

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

Boom Length		21' 4" (6,500)
Arm Length		10' 6" (3,200) 13' 0" (3,950)
J	Overall Length	37' 0" (11,280) 37' 0" (11,280)
K	Overall Height of Boom	11' 4" (3,460) 11' 7" (3,530)

L	Track Shoe Width	32" (800) 36" (900)
M	Overall Width w/o Additional Foot Board	11' 8" (3,550) 12' 0" (3,650)

WORKING RANGE



Units: ft in (mm)

Boom Length		21' 4" (6,500)
Arm Length		10' 6" (3,200) 13' 0" (3,950)
A	Max. Digging Reach	36' 5" (11,110) 38' 11" (11,870)
A'	Max. Digging Reach on Ground	35' 9" (10,900) 38' 3" (11,670)
B	Max. Digging Depth	24' 3" (7,400) 26' 9" (8,160)
B'	Max. Digging Depth (8' level)	23' 8" (7,220) 26' 4" (8,020)
C	Max. Vertical Wall Digging Depth	18' 9" (5,710) 21' 9" (6,640)
D	Max. Digging Height	33' 9" (10,290) 35' 5" (10,790)
E	Max. Dumping Height	24' 0" (7,310) 25' 6" (7,770)
F	Min. Swing Radius	14' 7" (4,450) 14' 10" (4,510)

HX400L LIFTING CAPACITY

 Rating over front  Rating over-side or 360 degree

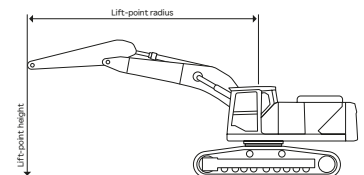
21' 4" (6.5 m) boom, 13' 0" (3.95 m) long arm equipped with 16,310 lb (7,400 kg) counterweight and 32" (800 mm) triple grouser shoe

Lift-point height, ft (m)	Lift-point radius												At max. reach			
	4.9 ft (1.5 m)		9.8 ft (3.0 m)		14.8 ft (4.5 m)		19.7 ft (6.0 m)		24.6 ft (7.5 m)		29.5 ft (9.0 m)		Capacity		Reach	
															ft (m)	
29.5 lb										*14,130	*14,130			*13,430	*13,430	24.9
(9.0) kg										*(6,410)	*(6,410)			*(6,090)	*(6,090)	(7.58)
24.6 lb														*12,520	*12,520	28.6
(7.5) kg														*(5,680)	*(5,680)	(8.71)
19.7 lb										*18,870	*18,870	*16,580	15,040	*12,190	*12,190	31.1
(6.0) kg										*(8,560)	*(8,560)	*(7,520)	(6,820)	*(5,530)	*(5,530)	(9.48)
14.8 lb								*23,280	*23,280	*20,770	19,690	*19,360	14,750	*12,260	*12,260	32.7
(4.5) kg								*(10,560)	*(10,560)	*(9,420)	(8,930)	*(8,780)	(6,690)	*(5,560)	*(5,560)	(9.96)
9.8 lb						*36,910	*36,910	*27,730	26,280	*23,190	18,890	*20,590	14,330	*12,650	11,750	33.4
(3.0) kg						*(16,740)	*(16,740)	*(12,580)	(11,920)	*(10,520)	(8,570)	*(9,340)	(6,500)	*(5,740)	(5,330)	(10.19)
4.9 lb						*44,380	37,740	*31,880	24,890	*25,550	18,100	21,520	13,890	*13,430	11,510	33.5
(1.5) kg						*(20,130)	(17,120)	*(14,460)	(11,290)	*(11,590)	(8,210)	(9,760)	(6,300)	*(6,090)	(5,220)	(10.20)
0 lb				*17,390	*17,390	*48,150	36,270	*34,680	23,900	*27,320	17,500	21,140	13,560	*14,700	11,710	32.8
0 kg				*(7,890)	*(7,890)	*(21,840)	(16,450)	*(15,730)	(10,840)	*(12,390)	(7,940)	(9,590)	(6,150)	*(6,670)	(5,310)	(9.98)
-4.9 lb	*18,410	*18,410	*27,840	*27,840	*48,590	35,760	*35,710	23,390	27,290	17,150	20,970	13,380	*16,780	12,430		31.2
(-1.5) kg	*(8,350)	*(8,350)	*(12,630)	*(12,630)	*(22,040)	(16,220)	*(16,200)	(10,610)	(12,380)	(7,780)	(9,510)	(6,070)	*(7,610)	(5,640)		(9.52)
-9.8 lb	*29,740	*29,740	*41,270	*41,270	*46,340	35,850	*34,720	23,320	*27,140	17,130			*20,370	13,930		28.8
(-3.0) kg	*(13,490)	*(13,490)	*(18,720)	*(18,720)	*(21,020)	(16,260)	*(15,750)	(10,580)	*(12,310)	(7,770)			*(9,240)	(6,320)		(8.78)
-14.8 lb	*43,430	*43,430	*57,170	*57,170	*41,120	36,420	*31,110	23,680	*23,280	17,500			*22,290	17,000		25.2
(-4.5) kg	*(19,700)	*(19,700)	*(25,930)	*(25,930)	*(18,650)	(16,520)	*(14,110)	(10,740)	*(10,560)	(7,940)			*(10,110)	(7,710)		(7.68)
-19.7 lb			*41,930	*41,930	*30,950	*30,950	*21,760	*21,760						*21,720	*21,720	19.7
(-6.0) kg			*(19,020)	*(19,020)	*(14,040)	*(14,040)	*(9,870)	*(9,870)						*(9,850)	*(9,850)	(6.00)

21' 4" (6.5 m) HD boom, 10' 6" (3.2 m) HD arm equipped with 16,310 lb (7,400 kg) counterweight and 32" (800 mm) triple grouser shoe

Lift-point height, ft (m)		Lift-point radius												At max. reach		
		4.9 ft (1.5 m)		9.8 ft (3.0 m)		14.8 ft (4.5 m)		19.7 ft (6.0 m)		24.6 ft (7.5 m)		29.5 ft (9.0 m)		Capacity		Reach
																ft (m)
24.6	lb									*20,550	20,190			*17,130	*17,130	25.6
(7.5)	kg									*(9,320)	(9,160)			*(7,770)	*(7,770)	(7.80)
19.7	lb									*21,080	19,970			*16,730	15,760	28.4
(6.0)	kg									*(9,560)	(9,060)			*(7,590)	(7,150)	(8.65)
14.8	lb					*32,800	*32,800	*26,100	*26,100	*22,750	19,400	*20,020	14,550	*16,950	14,090	30.1
(4.5)	kg					*(14,880)	*(14,880)	*(11,840)	*(11,840)	*(10,320)	(8,800)	*(9,080)	(6,600)	*(7,690)	(6,390)	(9.18)
9.8	lb					*41,540	39,260	*30,290	25,820	*24,910	18,670	21,870	14,240	*17,680	13,230	30.9
(3.0)	kg					*(18,840)	(17,810)	*(13,740)	(11,710)	*(11,300)	(8,470)	(9,920)	(6,460)	*(8,020)	(6,000)	(9.43)
4.9	lb					*46,980	37,100	*33,800	24,630	*26,920	18,010	21,520	13,910	*19,050	12,960	31.0
(1.5)	kg					*(21,310)	(16,830)	*(15,330)	(11,170)	*(12,210)	(8,170)	(9,760)	(6,310)	*(8,640)	(5,880)	(9.44)
0	lb					*48,390	36,240	*35,760	23,880	27,710	17,550	21,270	13,670	20,610	13,270	30.2
	kg					*(21,950)	(16,440)	*(16,220)	(10,830)	(12,570)	(7,960)	(9,650)	(6,200)	(9,350)	(6,020)	(9.20)
-4.9	lb			*31,110	*31,110	*47,880	36,110	*35,800	23,610	27,510	17,370			22,270	14,290	28.5
(-1.5)	kg			*(14,110)	*(14,110)	*(21,720)	(16,380)	*(16,240)	(10,710)	(12,480)	(7,880)			(10,100)	(6,480)	(8.70)
-9.8	lb	*37,210	*37,210	*50,220	*50,220	*44,140	36,460	*33,620	23,720	*25,930	17,500			*24,030	16,450	25.9
(-3.0)	kg	*(16,880)	*(16,880)	*(22,780)	*(22,780)	*(20,020)	(16,540)	*(15,250)	(10,760)	*(11,760)	(7,940)			*(10,900)	(7,460)	(7.88)
-14.8	lb			*49,120	*49,120	*36,970	*36,970	*27,890	24,340					*24,140	21,320	21.7
(-4.5)	kg			*(22,280)	*(22,280)	*(16,770)	*(16,770)	*(12,650)	(11,040)					*(10,950)	(9,670)	(6.62)

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



HX400L STANDARD & OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM

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

ISO STANDARD CABIN	
Cabin Light (2 Working Lamps, HAL)	○
Cabin Light (2 Working Lamps, LED)	○
Cabin Light (6 Working Lamps, LED)	●
Beacon Lamp	○
Cabin Rain Shield	○
Pantograph Wiper Arms	●
Multi-channel Speaker (4 ea)	●
DAB Audio (Handsfree and Bluetooth)	●
Electric Horn	●
Safety Glass—Laminated (Front)	●
Sliding Fold-In Front Window	●
Sliding Side Window (LH)	●
Lockable Door	●
Hot and Cool Box	●
Storage Compartment	●
Fault Warnings	●
Communication Error	●
Low Battery / Clock	●
SEAT	
Leather Heating and Cooling Seat	●
Fabric Heating Seat	○
CABIN FOG (ISO) 10262	
Top Falling Object Guard	○
Front and Top Falling Object Guard	○
Wire Mesh Guard (Front Only)	○
CABIN ROPS (ISO) 12117-2	
ROPS (Roll Over Protective Structures)	●
AUTOMATIC CLIMATE CONTROL	
Air Conditioner and Heater	●
Defroster	●
AUTOMATIC STARTING AIDS	
Starting Aid (Air Grid Heater) for Cold Weather	●
Engine Coolant Heater and Plug Heater (110 V Plug Heater)	○

CAB & INTERIOR

ADDITIONAL GAUGE PANEL (AGP)	
12" LCD Display	●
Secondary 12" Display	○
Engine RPM or Trip Meter / Accelerometer	●
Engine Coolant Temperature Gauge	●
Max Power / Low and High Speed / Engine Check indicator	●
Overload Warning with Alarm	●
Eco Gauge / Fuel Level / Hydraulic Oil Temperature Gauge	●
Air Cleaner Clogging Warning	●
Fuel Warmer	●

SAFETY

Battery Master Switch	●
Right and Rearview Camera	●
Smart Around View Camera (SAVM)	○
Advanced Detection System (ADS)	○
Travel and Swing Alarm	●
Travel and Swing White Noise Alarm	○
Automatic Swing Brake	●
Boom Holding Valve	○
Arm Holding Valve	○
Overload Warning Device	●

TECHNOLOGY

2D Machine Guidance	○
2D Machine Control	○
Bucket Weighing and Payload Wystem	○
Swing Boundary System	○
E Boundary (Working Barriers)	○
Auto Stop (Travel/Swing)	○
Lift Assist	○
Advanced Lift Assist	○
Equipment Health Monitoring (EHM)—Basic—Engine and Hydraulic Oil Status Check in Real Time	●
Equipment Health Monitoring (EHM)—Premium—Basic + Main Pump and Swing Motor Monitoring	○

OTHER

Smart Key (with Digital Key)	○
Hydraulic Reversible Fan	○
Pre-cleaner—Oil-washed	○
Fine Swing (Free and Cushion Function)	●
Straight Travel	●
Hyundai Connect (Telematics)	●
Auto Grease System	●

OTHER

Air Compressor	○
Side Protector	●
Fuel Filler Pump	○
Heat Wire for Mirror	○

FRONT ATTACHMENTS

Auxiliary Piping with Pedal (2-way)	●
Rotating Piping (4-way)	○
Quick Coupler	●
Quick Coupler Piping Only	○

BOOM

21' 4" (6.5 m) Heavy-duty Boom	●
--------------------------------	---

ARMS

10' 6" (3.2 m) Heavy-duty Arm	●
13' 0" (3.95 m) Long Arm	○

BUCKETS

54" (1.37 m), 2.30 yd ³ (1.76 m ³) HD J-style 5 teeth	○
60" (1.52 m), 2.66 yd ³ (2.03 m ³) HD J-style 6 teeth	●

COUNTERWEIGHT

16,310 lb (7,400 kg) Heavy Counterweight	●
17,640 lb (8,000 kg) Heavy Counterweight	○

UNDERCARRIAGE

Heavy-duty Under Cover	●
------------------------	---

TRACK SHOES

32" (800 mm) Shoe	●
36" (900 mm) Shoe	○

TRACK GUARD

Double Track Guard—4 Protected Rollers Per Side	●
Full Track Guard—All Rollers Protected	○

* 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 U.S. measurements rounded off to the nearest pound or inch.

HYUNDAI

6100 Atlantic Blvd., Norcross, GA 30071
TEL (678) 823-7777 FAX (678) 823-7778



Printed in U.S.A.

building a comfortable tomorrow

HX400L EX-SP 06/2026 ASv10