SPECIFICATIONS

HX130LCR

ENGINE

Maker / Model			Perkins 854F
Type			Water-cooled, 4-cycle diesel, 4-cylinder inline, Direct injection, Turbocharged, Charge and air cooled
Rated flywheel horse power	SAE	J1995 (gross)	55 kW (74 HP) at 2,200 rpm
		J1349 (net)	53 kW (71 HP) at 2,200 rpm
	DIN	6271/1 (gross)	55 kW (75 PS) at 2,200 rpm
		6271/1 (net)	53 kW (72 PS) at 2,200 rpm
Max. torque			43.0 kgf·m (313 lbf·ft) at 1,200 rpm
Bore × stroke			99 × 110 mm (3.89" × 4.33")
Piston displacement			3,400 cc (207.5 cu in)
Batteries			2 × 12 V × 100 Ah
Starting motor			24 V - 4.5 kW
Alternator			24 V - 65 A

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2 × 126 ℓ/min (33.3 US gpm / 27.7 UK 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 valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement circuits	330 kgf/cm² (4,690 psi)
Travel	330 kgf/cm² (4,690 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing circuit	285 kgf/cm² (4,050 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore × stroke	Boom: 2-95 × 1,015 mm (3.7" X 40.0")
	Arm: 1-110 × 1,070 mm (4.3" X 42.1")
	Bucket: 1-100 × 855 mm (3.9" X 33.7")
	Dozer Blade: 2-100 × 240 mm (3.9" x 9.4")
	2-Piece Boom: 1st: 2-95 x 1,015 mm (3.7" x 40.0") 2nd: 1-145 x 613 mm (5.7" x 24.1")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	11,400 kgf (25,100 lbf)
Max. travel speed (high / low)	5.5 km/hr (3.4 mph) / 3.3 km/hr (2.1 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	12.6 rpm

COOLANT & LUBRICANT CAPACITY

Re-filling	liter	US gal	UK gal
Fuel tank	240	63.4	52.8
Engine coolant	19.5	5.2	4.3
Engine oil	8	2.1	1.8
Swing device - gear oil	2.5	0.7	0.5
Final drive (each) - gear oil	2.3	0.6	0.5
Hydraulic system (including tank)	160	42.3	35.2
Hydraulic tank	96	25.4	21.1

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	43 EA
No. of carrier roller on each side	1 EA
No. of track roller on each side	6 EA
No. of rail guard on each side	1 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 4,300 mm (14' 1") boom; 2,260 mm (7' 5") arm; SAE heaped 0.40 m³ (0.52 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

MAJOR COMPONENT WEIGHT

Shoes	Ground pressure
Upperstructure	6,300 kg (13,889 lb)
4.3 m (14' 1") mono boom (with arm cylinder)	950 kg (2,090 lb)

OPERATING WEIGHT

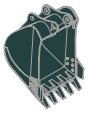
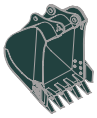
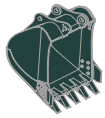
Shoes		Operating weight		Ground pressure
Type	Width mm (in)		kg (lb)	kgf / cm² (psi)
Triple grouser	500 (20")	HX130LCR	12,700 (27,999)	0.42 (5.95)
		HX130LCR (Dozer type)	13,400 (29,542)	0.44 (6.28)
	600 (24")	HX130LCR	12,850 (28,329)	0.35 (5.02)
		HX130LCR (Dozer type)	13,560 (29,895)	0.37 (5.30)
	700 (28")	HX130LCR	13,000 (28,660)	0.31 (4.35)

BUCKET SELECTION GUIDE & DIGGING FORCE

HX130LCR

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m³ (yd³)	0.30 (0.39)	※ 0.40 (0.50)	0.45 (0.59)	0.50 (0.65)	0.59 (0.77)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					4,300 (14' 1") boom			4,566 (14' 11") boom	
SAE heaped	CECE heaped	Without side cutters	With side cutters		1,960 (6' 5") Arm	2,260 (7' 5") Arm	2,810 (9' 3") Arm	1,960 (6' 5") Arm	2,260 (7' 5") Arm
0.30 (0.39)	0.27 (0.35)	610 (24.0)	700 (27.6)	332 (730)	●	●	●	●	●
※ 0.40 (0.52)	0.35 (0.46)	760 (29.9)	850 (33.5)	383 (840)	●	●	●	●	●
0.45 (0.59)	0.40 (0.52)	830 (32.7)	920 (36.2)	401 (880)	●	●	●	●	●
0.50 (0.65)	0.45 (0.59)	900 (35.4)	990 (39.0)	419 (920)	●	●	●	●	●
0.59 (0.77)	0.52 (0.68)	1,030 (40.6)	1,120 (44.1)	463 (1,020)	●	◐	■	●	◐

※ Standard bucket

● : Applicable for materials with density of 2,100 kg /m³ (3,540 lb/ yd³) or less
◐ : Applicable for materials with density of 1,800 kg /m³ (3,030 lb/ yd³) or less
■ : Applicable for materials with density of 1,500 kg /m³ (2,530 lb/ yd³) or less
▲ : Applicable for materials with density of 1,200 kg /m³ (2,020 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
4.3 m (14' 1") boom and 1.96 m (6' 5"); 2.26 m (7' 5") & 2.81 m (9' 3") Arms are available.

DIGGING FORCE

Boom	Length	mm (ft.in)	4,300 (14' 1")			Remarks:
	Weight	kg (lb)	950 (2,090)			
Arm	Length	mm (ft.in)	1,960 (6' 5")	2,260 (7' 5")	2,810 (9' 3")	
	Weight	kg (lb)	320 (710)	340 (750)	400 (880)	
Bucket digging force	SAE	kN	87.8 [95.8]	87.8 [95.8]	87.8 [95.8]	[ ]: Power Boost
		kgf	8,954 [9,768]	8,954 [9,768]	8,954 [9,768]	
		lbf	19,740 [21,534]	19,740 [21,534]	19,740 [21,534]	
	ISO	kN	101.7 [111.0]	101.7 [111.0]	101.7 [111.0]	
		kgf	10,369 [11,312]	10,369 [11,312]	10,369 [11,312]	
		lbf	22,860 [24,938]	22,860 [24,938]	22,860 [24,938]	
Arm crowd force	SAE	kN	60.6 [66.1]	56.1 [61.2]	48.3 [52.7]	
		kgf	6,178 [6,739]	5,716 [6,236]	4,928 [5,376]	
		lbf	13,619 [14,857]	12,602 [13,747]	10,865 [11,852]	
	ISO	kN	63.2 [68.9]	58.3 [63.6]	50.0 [54.5]	
		kgf	6,443 [7,029]	5,943 [6,484]	5,093 [5,556]	
		lbf	14,204 [15,495]	13,103 [14,294]	12,228 [12,249]	

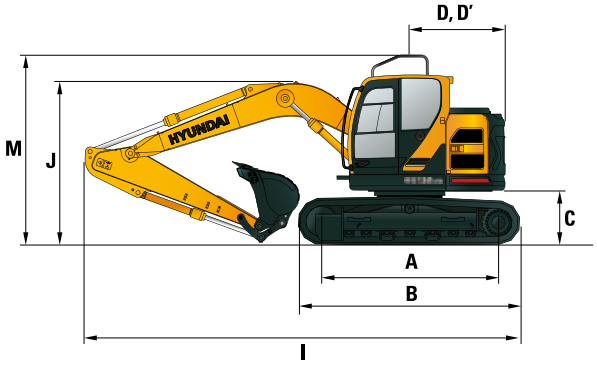
Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

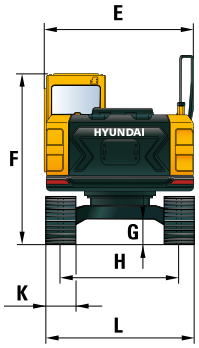
DIMENSIONS & WORKING RANGE

HX130LCR

HX130LCR DIMENSIONS

4.3 m (15' 1") boom and 1.96 m (6' 5"); 2.26 m (7' 5") & 2.81 m (9' 3") Arm.



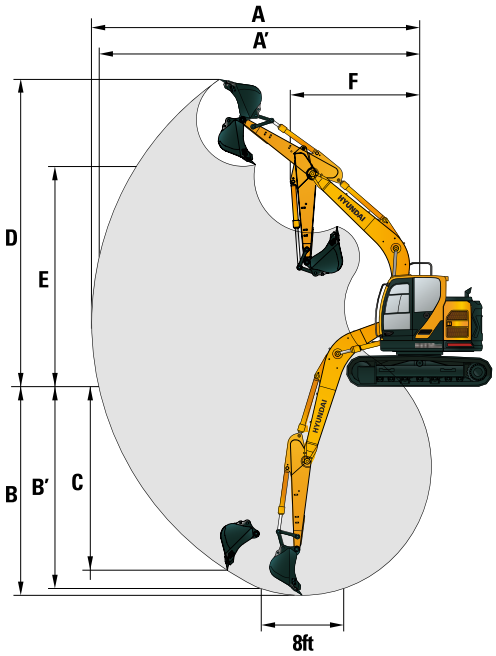


A	Tumbler distance	2,780 (9' 2")
B	Overall length of crawler	3,490 (11' 5")
C	Ground clearance of counterweight	900 (2' 11")
D	Tail swing radius	1,500 (4' 10")
D'	Rear-end length	1,500 (4' 10")
E	Overall width of upperstructure	2,500 (8' 2")
F	Overall height of cab	2,900 (9' 6")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	1,990 (6' 6")
M	Overall height of guardrail	3,165 (10' 5")

Unit : mm (ft·in)

	Boom length		4,300 (14' 1")	
	Arm length	1,960 (6' 5")	2,260 (7' 5")	2,810 (9' 3")
I	Overall length	6,840 (22' 5")	6,860 (22' 6")	6,800 (22' 3")
J	Overall height of boom	2,530 (8' 3")	2,750 (9' 0")	3,070 (10' 1")
K	Track shoe width	500 (20")	600 (24")	700 (28")
L	Overall width	2,500 (8' 2")	2,600 (8' 6")	2,700 (8' 10")

HX130LCR WORKING RANGE



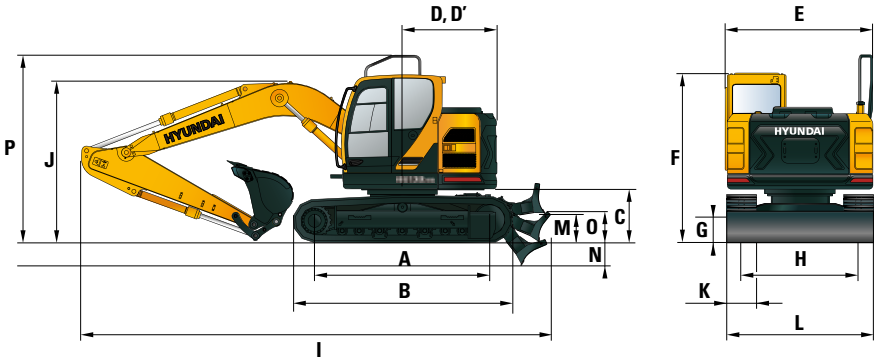
Unit : mm (ft·in)

	Boom length		4,300 (14' 1")	
	Arm length	1,960 (6' 5")	2,260 (7' 5")	2,810 (9' 3")
A	Max. digging reach	7,410 (24' 4")	7,690 (25' 3")	8,220 (27' 0")
A'	Max. digging reach on ground	7,250 (23' 9")	7,540 (24' 9")	8,080 (26' 6")
B	Max. digging depth	4,720 (15' 6")	5,020 (16' 6")	5,570 (18' 3")
B'	Max. digging depth (8' level)	4,460 (14' 8")	4,790 (15' 9")	5,380 (17' 8")
C	Max. vertical wall digging depth	3,960 (13' 0")	4,290 (14' 1")	4,830 (15' 10")
D	Max. digging height	7,920 (26' 0")	8,110 (26' 7")	8,480 (27' 10")
E	Max. dumping height	5,620 (18' 5")	5,880 (19' 0")	6,170 (20' 3")
F	Min. front swing radius	2,310 (7' 6")	2,340 (7' 8")	2,470 (8' 1")

DIMENSIONS & WORKING RANGE

HX130LCR (DOZER TYPE) DIMENSIONS

4.3 m (15' 1") boom and 1.96 m (6' 5"); 2.26 m (7' 5") & 2.81 m (9' 3") Arm.

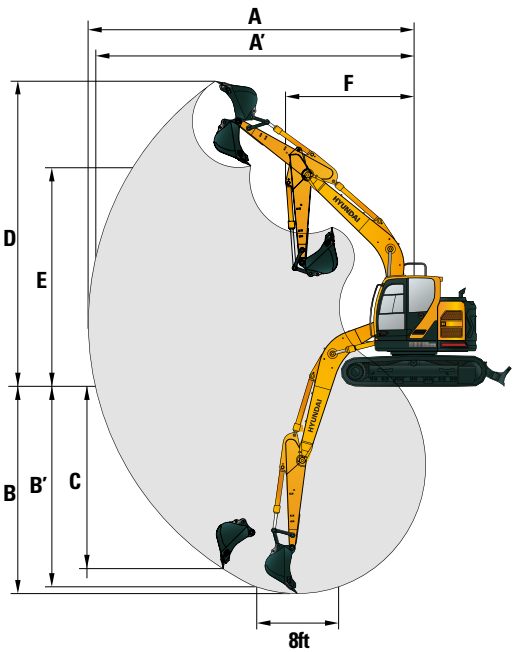


Unit : mm (ft·in)

A	Tumbler distance	2,780 (9' 2")
B	Overall length of crawler	3,490 (11' 5")
C	Ground clearance of counterweight	900 (2' 11")
D	Tail swing radius	1,500 (4' 10")
D'	Rear-end length	1,500 (4' 10")
E	Overall width of upperstructure	2,500 (8' 2")
F	Overall height of cab	2,900 (9' 6")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	1,990 (6' 6")
M	Ground clearance of blade up	545 (1' 9")
N	Depth of blade down	515 (1' 8")
O	Height of blade	580 (1' 9")
P	Overall height of guardrail	3,165 (10' 5")

	Boom length		4,300 (14' 1")	
	Arm length	1,960 (6' 5")	2,260 (7' 5")	2,810 (9' 3")
I	Overall length	7,560 (24' 8")	7,580 (24' 9")	7,520 (24' 7")
J	Overall height of boom	2,530 (8' 3")	2,750 (9' 0")	3,070 (10' 1")
K	Track shoe width	500 (20")	600 (24")	700 (28")
L	Overall width	2,500 (8' 2")	2,600 (8' 6")	2,700 (8' 10")

HX130LCR (DOZER TYPE) WORKING RANGE



Unit : mm (ft·in)

	Boom length		4,300 (14' 1")	
	Arm length	1,960 (6' 5")	2,260 (7' 5")	2,810 (9' 3")
A	Max. digging reach	7,410 (24' 4")	7,690 (25' 3")	8,220 (27' 0")
A'	Max. digging reach on ground	7,250 (23' 9")	7,540 (24' 9")	8,080 (26' 6")
B	Max. digging depth	4,720 (15' 6")	5,020 (16' 6")	5,570 (18' 3")
B'	Max. digging depth (8' level)	4,460 (14' 8")	4,790 (15' 9")	5,380 (17' 8")
C	Max. vertical wall digging depth	3,960 (13' 0")	4,290 (14' 1")	4,830 (15' 10")
D	Max. digging height	7,920 (26' 0")	8,110 (26' 7")	8,480 (27' 10")
E	Max. dumping height	5,620 (18' 5")	5,880 (19' 0")	6,170 (20' 3")
F	Min. front swing radius	2,310 (7' 6")	2,340 (7' 8")	2,470 (8' 1")

LIFTING CAPACITY

HX130LCR

Rating over-front Rating over-side or 360 degrees

HX130LCR

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer None

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	2,970			*2,100	1,960	5.75
	lb					*6,770	6,550			*4,630	4,320	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	2,830	2,540	1,790	*2,060	1,640	6.32
	lb			*10,580	*10,580	*8,140	6,240	5,600	3,950	*4,540	3,620	(20.7)
1.5m (4.9 ft)	kg			*7,130	4,850	3,860	2,650	2,480	1,730	*2,170	1,530	6.50
	lb			*15,720	10,690	8,510	5,840	5,470	3,810	*4,780	3,370	(21.3)
Ground Line	kg			7,350	4,610	3,720	2,520	2,420	1,680	2,250	1,560	6.32
	lb			16,200	10,160	8,200	5,560	5,340	3,700	4,960	3,440	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	7,310	4,580	3,670	2,480			2,570	1,780	5.75
	lb	*10,760	*10,760	16,120	10,100	8,090	5,470			5,670	3,920	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	4,690	3,750	2,550			3,590	2,450	4.64
	lb	*20 550	*20 550	*15 170	10 340	8 270	5 620			7 910	5 400	(15 2)

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Down

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	*3,070			*2,100	*2,100	5.75
	lb					*6,770	*6,770			*4,630	*4,630	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	3,240	*3,300	2,070	*2,060	1,890	6.32
	lb			*10,580	*10,580	*8,140	7,140	*7,280	4,560	*4,540	4,170	(20.7)
1.5m (4.9 ft)	kg			*7,130	5,670	*4,550	3,060	*3,650	2,000	*2,170	1,770	6.50
	lb			*15,720	12,500	*10,030	6,750	*8,050	4,410	*4,780	3,900	(21.3)
Ground Line	kg			*7,520	5,420	*5,180	2,930	*3,900	1,950	*2,460	1,810	6.32
	lb			*16,580	11,950	*11,420	6,460	*8,600	4,300	*5,420	3,990	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	*8,050	5,390	*5,290	2,890			*3,080	2,060	5.75
	lb	*10,760	*10,760	*17,750	11,880	*11,660	6,370			*6,790	4,540	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	5,500	*4,410	2,960			*4,170	2,840	4.64
	lb	*20 550	*20 550	*15 170	12 130	*9 720	6 530			*9 190	6 260	(15 2)

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Up

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	*3,070			*2,100	2,080	5.75
	lb					*6,770	*6,770			*4,630	4,590	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	3,000	2,520	1,910	*2,060	1,750	6.32
	lb			*10,580	*10,580	*8,140	6,610	5,560	4,210	*4,540	3,860	(20.7)
1.5m (4.9 ft)	kg			*7,130	5,160	3,820	2,820	2,450	1,850	2,160	1,640	6.50
	lb			*15,720	11,380	8,420	6,220	5,400	4,080	4,760	3,620	(21.3)
Ground Line	kg			7,260	4,910	3,670	2,690	2,390	1,800	2,220	1,670	6.32
	lb			16,010	10,820	8,090	5,930	5,270	3,970	4,890	3,680	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	7,230	4,890	3,630	2,650			2,540	1,900	5.75
	lb	*10,760	*10,760	15,940	10,780	8,000	5,840			5,600	4,190	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	4,990	3,710	2,720			3,550	2,620	4.64
	lb	*20 550	*20 550	*15 170	11 000	8 180	6 000			7 830	5 780	(15 2)

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

LIFTING CAPACITY

HX130LCR

Rating over-front Rating over-side or 360 degrees

HX130LCR

Boom: 4.3 m (14' 1") / Arm: 1.96 m (6' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer None

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg									*2,600	*2,600	4.24
	lb									*5,730	*5,730	(13.9)
4.5m (14.8 ft)	kg					*3,340	2,930			*2,300	2,140	5.43
	lb					*7,360	6,460			*5,070	4,720	(17.8)
3.0m (9.8 ft)	kg			*5,320	5,300	*3,930	2,800	*2,480	1,780	*2,260	1,760	6.03
	lb			*11,730	11,680	*8,660	6,170	*5,470	3,920	*4,980	3,880	(19.8)
1.5m (4.9 ft)	kg			*7,280	4,790	3,840	2,640	2,470	1,730	2,340	1,630	6.22
	lb			*16,050	10,560	8,470	5,820	5,450	3,810	5,160	3,590	(20.4)
Ground Line	kg			*7,250	4,610	3,720	2,530	2,430	1,690	2,410	1,680	6.03
	lb			*15,980	10,160	8,200	5,580	5,360	3,730	5,310	3,700	(19.8)
-1.5m (-4.9 ft)	kg	*5,370	*5,370	7,360	4,620	3,690	2,500			2,810	1,940	5.43
	lb	*11,840	*11,840	16,230	10,190	8,140	5,510			6,190	4,280	(17.8)
-3.0m (-9.8 ft)	kg			*6,460	4,750					4,170	2,830	4.24
	lb			*14,240	10,470					9,190	6,240	(13.9)

Boom: 4.3 m (14' 1") / Arm: 1.96 m (6' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Down

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg									*2,600	*2,600	4.24
	lb									*5,730	*5,730	(13.9)
4.5m (14.8 ft)	kg					*3,340	*3,340			*2,300	*2,300	5.43
	lb					*7,360	*7,360			*5,070	*5,070	(17.8)
3.0m (9.8 ft)	kg			*5,320	*5,320	*3,930	3,220	*2,480	2,050	*2,260	2,030	6.03
	lb			*11,730	*11,730	*8,660	7,100	*5,470	4,520	*4,980	4,480	(19.8)
1.5m (4.9 ft)	kg			*7,280	5,610	*4,730	3,050	*3,780	2,000	*2,390	1,900	6.22
	lb			*16,050	12,370	*10,430	6,720	*8,330	4,410	*5,270	4,190	(20.4)
Ground Line	kg			*7,250	5,420	*5,280	2,940	*3,050	1,960	*2,720	1,950	6.03
	lb			*15,980	11,950	*11,640	6,480	*6,720	4,320	*6,000	4,300	(19.8)
-1.5m (-4.9 ft)	kg	*5,370	*5,370	*7,900	5,430	*5,250	2,910			*3,490	2,260	5.43
	lb	*11,840	*11,840	*17,420	11,970	*11,570	6,420			*7,690	4,980	(17.8)
-3.0m (-9.8 ft)	kg			*6,460	5,570					*4,340	3,290	4.24
	lb			*14,240	12,280					*9,570	7,250	(13.9)

Boom: 4.3 m (14' 1") / Arm: 1.96 m (6' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Up

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg									*2,600	*2,600	4.24
	lb									*5,730	*5,730	(13.9)
4.5m (14.8 ft)	kg					*3,340	3,110			*2,300	2,270	5.43
	lb					*7,360	6,860			*5,070	5,000	(17.8)
3.0m (9.8 ft)	kg			*5,320	*5,320	*3,930	2,980	*2,480	1,900	*2,260	1,880	6.03
	lb			*11,730	*11,730	*8,660	6,570	*5,470	4,190	*4,980	4,140	(19.8)
1.5m (4.9 ft)	kg			*7,280	5,090	3,800	2,810	2,450	1,850	2,310	1,750	6.22
	lb			*16050	11,220	8,380	6,190	5,400	4,080	5,090	3,860	(20.4)
Ground Line	kg			*7,250	4,920	3,680	2,700	2,400	1,810	2,390	1,800	6.03
	lb			*15,980	10,850	8,110	5,950	5,290	3,990	5,270	3,970	(19.8)
-1.5m (-4.9 ft)	kg	*5,370	*5,370	7,280	4,920	3,650	2,680			2,780	2,080	5.43
	lb	*11,840	*11,840	16,050	10,850	8,050	5,910			6,130	4,590	(17.8)
-3.0m (-9.8 ft)	kg			*6,460	5,060					4,130	3,020	4.24
	lb			*14,240	11,160					9,110	6,660	(13.9)

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

LIFTING CAPACITY

HX130LCR

Rating over-front Rating over-side or 360 degrees

HX130LCR

Boom: 4.3 m (14' 1") / Arm: 2.81 m (9' 2") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer None

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,460	*2,460			*1,760	*1,760	5.36
	lb					*5,420	*5,420			*3,880	*3,880	(17.6)
4.5m (14.8 ft)	kg					*2,550	*2,550	*2,380	1,850	*1,600	*1,600	6.34
	lb					*5,620	*5,620	*5,250	4,080	*3,530	*3,530	(20.8)
3.0m (9.8 ft)	kg			*3,820	*3,820	*3,210	2,870	2,560	1,800	*1,570	1,420	6.86
	lb			*8,420	*8,420	*7,080	6,330	5,640	3,970	*3,460	3,130	(22.5)
1.5m (4.9 ft)	kg			*6,270	4,970	3,880	2,670	2,470	1,720	*1,650	1,330	7.03
	lb			*13,820	10,960	8,550	5,890	5,450	3,790	*3,640	2,930	(23.1)
Ground Line	kg			7,350	4,600	3,700	2,510	2,390	1,650	*1,830	1,350	6.86
	lb			16,200	10,140	8,160	5,530	5,270	3,640	*4,030	2,980	(22.5)
-1.5m (-4.9 ft)	kg	*4,170	*4,170	7,230	4,500	3,620	2,430	2,360	1,620	2,190	1,500	6.34
	lb	*9,190	*9,190	15,940	9,920	7,980	5,360	5,200	3,570	4,830	3,310	(20.8)
-3.0m (-9.8 ft)	kg	*7,330	*7,330	7,300	4,560	3,640	2,450			2,820	1,930	5.36
	lb	*16,160	*16,160	16,090	10,050	8,020	5,400			6,220	4,250	(17.6)

Boom: 4.3 m (14' 1") / Arm: 2.81 m (9' 2") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Down

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,460	*2,460			*1,760	*1,760	5.36
	lb					*5,420	*5,420			*3,880	*3,880	(17.6)
4.5m (14.8 ft)	kg					*2,550	*2,550	*2,380	2,120	*1,600	*1,600	6.34
	lb					*5,620	*5,620	*5,250	4,670	*3,530	*3,530	(20.8)
3.0m (9.8 ft)	kg			*3,820	*3,820	*3,210	*3,210	*2,980	2,070	*1,570	*1,570	6.86
	lb			*8,420	*8,420	*7,080	*7,080	*6,570	4,560	*3,460	*3,460	(22.5)
1.5m (4.9 ft)	kg			*6,270	5,800	*4,150	3,080	*3,380	1,990	*1,650	1,550	7.03
	lb			*13,820	12,790	*9,150	6,790	*7,450	4,390	*3,640	3,420	(23.1)
Ground Line	kg			*7,830	5,420	*4,940	2,920	*3,740	1,920	*1,830	1,580	6.86
	lb			*17,260	11,950	*10,890	6,440	*8,250	4,230	*4,030	3,480	(22.5)
-1.5m (-4.9 ft)	kg	*4,170	*4,170	*8,140	5,310	*5,260	2,840	*3,830	1,890	*2,210	1,750	6.34
	lb	*,9190	*9,190	*17,950	11,710	*11,600	6,260	*8,440	4,170	*4,870	3,860	(20.8)
-3.0m (-9.8 ft)	kg	*7,330	*7,330	*7,430	5,370	*4,880	2,860			*3,140	2,250	5.36
	lb	*16,160	*16,160	*16,380	11,840	*10,760	6,310			*6,920	4,960	(17.6)

Boom: 4.3 m (14' 1") / Arm: 2.81 m (9' 2") / Bucket: 0.40 m³ SAE heaped / Shoe: 500 mm (24") triple grouser / Dozer Up

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,460	*2,460			*1,760	*1, 760	5.36
	lb					*5,420	*5,420			*3,880	*3,880	(17.6)
4.5m (14.8 ft)	kg					*2,550	*2,550	*2,380	1,970	*1,600	*1,600	6.34
	lb					*5,620	*5,620	*5,250	4,340	*3,530	*3,530	(20.8)
3.0m (9.8 ft)	kg			*3,820	*3,820	*3,210	3,040	2,530	1,920	*1,570	1,520	6.86
	lb			*8,420	*8,420	*7,080	6,700	5,580	4,230	*3,460	3,350	(22.5)
1.5m (4.9 ft)	kg			*6,270	5,280	3,840	2,840	2,440	1,840	*1,650	1,430	7.03
	lb			*13,820	11,640	8,470	6,260	5,380	4,060	*3,640	3,150	(23.1)
Ground Line	kg			7,270	4,910	3,660	2,680	2,360	1,770	*1,830	1,450	6.86
	lb			16,030	10,820	8,070	5,910	5,200	3,900	*4,030	3,200	(22.5)
-1.5m (-4.9 ft)	kg	*4,170	*4,170	7,150	4,810	3,580	2,600	2,330	1,740	2,160	1,610	6.34
	lb	*9,190	*9,190	15,760	10,600	7,890	5,730	5,140	3,840	4,760	3,550	(20.8)
-3.0m (-9.8 ft)	kg	*7,330	*7,330	7,220	4,870	3,600	2,620			2,790	2,070	5.36
	lb	*16,160	*16,160	15,920	10,740	7,940	5,780			6,150	4,560	(17.6)

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

LIFTING CAPACITY

HX130LCR

Rating over-front Rating over-side or 360 degrees

HX130LCR

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 600 mm (24") triple grouser / Dozer None

Load point height m (ft)		Load radius								At max. reach		
		1.5m (4.9 ft)		3.0m (9.8 ft)		4.5m (14.8 ft)		6.0m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	3,030			*2,100	2,000	5.75
	lb					*6,770	6,680			*4,630	4,410	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	2,890	2,650	1,840	*2,060	1,680	6.32
	lb			*10,580	*10,580	*8,140	6,370	5,840	4,060	*4,540	3,700	(20.7)
1.5m (4.9 ft)	kg			*7,130	4,970	4,010	2,720	2,580	1,770	*2,170	1,570	6.50
	lb			*15,720	10,960	8,840	6,000	5,690	3,900	*4,780	3,460	(21.3)
Ground Line	kg			*7,520	4,720	3,870	2,590	2,520	1,720	2,340	1,600	6.32
	lb			*16,580	10,410	8,530	5,710	5,560	3,790	5,160	3,530	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	7,620	4,700	3,830	2,550			2,680	1,820	5.75
	lb	*10,760	*10,760	16,800	10,360	8,440	5,620			5,910	4,010	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	4,800	3,900	2,620			3,740	2,510	4.64
	lb	*20,550	*20,550	*15,170	10,580	8,600	5,780			8,250	5,530	(15.2)

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 600 mm (24") triple grouser / Dozer Down

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)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	*3,070			*2,100	*2,100	5.75
	lb					*6,770	*6,770			*4,630	*4,630	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	3,320	*3,300	2,120	*2,060	1,940	6.32
	lb			*10,580	*10,580	*8,140	7,320	*7,280	4,670	*4,540	4,280	(20.7)
1.5m (4.9 ft)	kg			*7,130	5,800	*4,550	3,140	*3,,650	2,050	*2,170	1,820	6.50
	lb			*15,720	12,790	*10,030	6,920	*8050	4,520	*4,780	4,010	(21.3)
Ground Line	kg			*7,520	5,550	*5,180	3,000	*3,900	2,000	*2,460	1,860	6.32
	lb			*16,580	12,240	*11,420	6,610	*8,600	4,410	*5,420	4,100	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	*8,050	5,520	*5,290	2,960			*3,080	2,120	5.75
	lb	*10,760	*10,760	*17,750	12,170	*11,660	6,530			*6,790	4,670	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	5,630	*4,410	3,030			*4,170	2,910	4.64
	lb	*20,550	*20,550	*15,170	12,410	*9,720	6,680			*9,190	6,420	(15.2)

Boom: 4.3 m (14' 1") / Arm: 2.26 m (7' 5") / Bucket: 0.40 m³ SAE heaped / Shoe: 600 mm (24") triple grouser / Dozer Up

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)		Capacity		Reach
												m (ft)
6.0m (19.7 ft)	kg					*2,780	*2,780			*2,340	*2,340	4.64
	lb					*6,130	*6,130			*5,160	*5,160	(15.2)
4.5m (14.8 ft)	kg					*3,070	*3,070			*2,100	*2,100	5.75
	lb					*6,770	*6,770			*4,630	*4,630	(18.9)
3.0m (9.8 ft)	kg			*4,800	*4,800	*3,690	3,070	2,640	1,960	*2,060	1,800	6.32
	lb			*10,580	*10,580	*8,140	6,770	5,820	4,320	*4,540	3,970	(20.7)
1.5m (4.9 ft)	kg			*7,130	5,280	4,000	2,890	2,570	1,890	*2,170	1,680	6.50
	lb			*15,720	11,640	8,820	6,370	5,670	4,170	*4,780	3,700	(21.3)
Ground Line	kg			*7,520	5,030	3,860	2,760	2,520	1,840	2,340	1,710	6.32
	lb			*16,580	11,090	8,510	6,080	5,560	4,060	5,160	3,770	(20.7)
-1.5m (-4.9 ft)	kg	*4,880	*4,880	7,590	5,010	3,810	2,720			2,670	1,950	5.75
	lb	*10,760	*10,760	16,730	11,050	8,400	6,000			5,890	4,300	(18.9)
-3.0m (-9.8 ft)	kg	*9,320	*9,320	*6,880	5,110	3,890	2,790			3,720	2,680	4.64
	lb	*20,550	*20,550	*15,170	11,270	8,580	6,150			8,200	5,910	(15.2)

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

ENGINE	STD	OPT
Perkins 854F 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		●
CABIN & 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	●	
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	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights		●
Cabin front window rain guard	●	
Seat		
Mechanical suspension seat with heater	●	
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
Four front working lights	●	
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		●
Two outside rearview mirrors	●	
AAVM		●
OTHER		
Boom		
4.3 m; 14' 1"	●	
Arms		
1.96 m; 6' 5"		●
2.26 m; 7' 5"	●	
2.81 m; 9' 3"		●
Hi MATE (Remote Management System)	●	
Batteries (2 × 12 V × 100 Ah)	●	
Fuel filler pump (50 ℓ/min)	●	
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Rotating Piping Kit		●
Quick coupler piping		●
Quick coupler		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Normal)	●	
Dozer Blade		●
Track shoes		
Triple grouser shoe (500 mm; 20")		●
Triple grouser shoe (600 mm; 24")	●	
Triple grouser shoe (700 mm; 28")		●
Track Pad (500 mm; 20")		●
Rubber Pad (500 mm; 20")		●

STD = Standard
OPT = Optional

* 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.
* The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant HFC-134a (Global Warming Potential = 1430). The system contains 0.65 kg of refrigerant which has a CO_2 equivalent of 0.9295 metric tonne.

HYUNDAI CONSTRUCTION EQUIPMENT

PLEASE CONTACT

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EN - 2017.11 Rev 1