

ENGINE			
Maker / Model	Scania DC13 084Ac		
Type	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	444 HP (331 kW) at 1,900 rpm
		J1349 (net)	424 HP (316 kW) at 1,900 rpm
	DIN	6271/1 (gross)	450 PS (331 kW) at 1,900 rpm
		6271/1 (net)	430 PS (316 kW) at 1,900 rpm
Max. torque	232 kgf-m (1.678 lbf-ft) at 1,250 rpm		
Bore x stroke	130 x 160 mm (5.12" x 6.3")		
Piston displacement	12,700 cc (775 cu in)		
Batteries	24 V x 200 Ah		
Starting motor	24 V - 6 kW		
Alternator	24 V - 100 A		

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 380 l/min (100.4 U.S. gpm / 83.6 U.K. gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING	
Implement circuits	330 kgf/cm ² (4,690 psi)
Travel	330 kgf/cm ² (4,690 psi)
Power boost (boom, arm, bucket)	360 kgf/cm ² (5,120 psi)
Swing circuit	285 kgf/cm ² (4,050 psi)
Pilot circuit	40 kgf/cm ² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 170 x 1,570 mm
	Arm: Ø 190 x 1,820 mm
	Bucket: Ø 160 x 1,370 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	34,100 kgf (75,180 lbf)
Max. travel speed (high / low)	5.3 km/hr (3.29 mph) / 3.3 km/hr (2.05 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	8.6 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	610	161.1	134.2
Engine coolant	50	13.2	11
Engine oil	39	10.3	8.6
Swing device (each)	7	1.8	1.54
Final drive (each)	12	3.2	2.64
Hydraulic system (including tank)	486	128.4	105.9
Hydraulic tank	262	69.2	57.6
DEF/AdBlue®	69	18.2	15.2

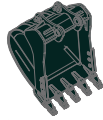
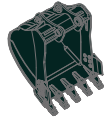
UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	53 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 7,060 mm (23' 2") boom; 3,380 mm (11' 1") arm; SAE heaped 2.2 m ³ (2.88 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT					
Shoes	Type	Width mm (in)	Operating weight		Ground pressure kgf / cm ² (psi)
			kg (lb)		
Triple grouser	600 (24")	HX480 L	49,500 (109,130)	0.86 (12.23)	
	700 (28")	HX480 L	50,020 (110,280)	0.75 (10.67)	
	750 (30")	HX480 L	50,280 (110,850)	0.70 (9.95)	
	800 (32")	HX480 L	50,540 (111,420)	0.66 (9.35)	
	900 (36")	HX480 L	51,060 (112,570)	0.59 (8.39)	
Double grouser	600 (24")	HX480 L	49,315 (108,720)	0.86 (12.23)	
	700 (28")	HX480 L	49,835 (109,870)	0.74 (10.52)	
Heavy duty grouser	600 (24")	HX480 HD	49,680 (109,530)	0.86 (12.23)	
	700 (28")	HX480 HD	50,230 (110,740)	0.75 (10.67)	

BUCKET SELECTION GUIDE HX480L & DIGGING FORCE

BUCKETS



SAE heaped m ³ (yd ³)	1.00 (1.31) 1.38 (1.8) 2.20 (2.88) 2.79 (3.65) 3.00 (3.92)	◆ 2.20 (2.88) ◆ 2.43 (3.18) ◆ 2.79 (3.65) ◆ 3.20 (4.19)	◆ 2.20 (2.88) ◆ 2.43 (3.18) ◆ 2.79 (3.65) ◆ 3.20 (4.19)
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Capacity m ³ (yd ³)		Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)						
				6,550 (21' 6") Boom		7,060 (23' 2") Boom			9,000 (29' 6") Boom	
SAE heaped	CECE heaped			2,400 (7' 10") Arm	2,900 (9' 6") Arm	2,400 (7' 10") Arm	2,900 (9' 6") Arm	3,380 (11' 1") Arm	4,000 (13' 1") Arm	6,000 (19' 8") Arm
1.00 (1.31)	0.90 (1.18)	1,030 (41")	1,450 (3,200)	●	●	●	●	●	●	●
1.38 (1.8)	1.24 (1.62)	1,215 (48")	1,670 (3,680)	●	●	●	●	●	●	○
2.20 (2.88)	1.93 (2.52)	1,685 (66")	2,030 (4,480)	●	●	●	●	●	⊙	-
2.79 (3.65)	2.47 (3.23)	1,865 (73")	2,300 (5,070)	●	●	⊙	⊙	○	○	-
3.00 (3.92)	2.70 (3.53)	1,985 (78")	2,440 (5,380)	●	●	○	○	○	○	-
◆ 2.20 (2.88)	1.93 (2.52)	1,685 (66")	2,320 (5,110)	●	●	●	●	⊙	⊙	-
◆ 2.43 (3.18)	2.11 (2.76)	1,830 (72")	2,450 (5,400)	●	●	⊙	⊙	⊙	○	-
◆ 2.79 (3.65)	2.47 (3.23)	1,865 (73")	2,630 (5,800)	●	●	⊙	○	○	○	-
◆ 3.20 (4.19)	2.82 (3.69)	2,075 (82")	2,870 (6,330)	⊙	⊙	○	○	○	-	-
◆ 2.20 (2.88)	1.93 (2.52)	1,685 (66")	2,610 (5,750)	●	●	●	⊙	⊙	-	-
◆ 2.43 (3.18)	2.11 (2.76)	1,830 (72")	2,730 (6,020)	●	●	⊙	⊙	○	-	-
◆ 2.79 (3.65)	2.47 (3.23)	1,865 (73")	2,950 (6,500)	●	⊙	○	○	○	-	-
◆ 3.20 (4.19)	2.82 (3.69)	2,075 (82")	3,230 (7,120)	⊙	⊙	○	○	-	-	-

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

- : Applicable for materials with density of 2,000 kg /m³ (3,370 lb/ yd³) or less
- ⊙ : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 6.55 m (21' 6"); 7.06 m (23' 2") and 9.0 m (29' 6") Booms and 2.4 m (7' 10"); 2.9 m (9' 6"); 3.38 m (11' 1"); 4.0 m (13' 1") & 6.0 m (19' 8") Arms are available. Hyundai Bucket are all-welded, high-strength steel implements.

DIGGING FORCE

Boom	Length	mm (ft.in)	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")	Remarks:
	Weight	kg (lb)	4,340 (9,570)		4,370 (9,630)				5,130 (11,310)	
Arm	Length	mm (ft.in)	2,400 (7' 10")	2,900 (9' 6")	2,400 (7' 10")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 1")	6,000 (19' 8")	Power Boost
	Weight	kg (lb)	2,390 (5,270)	2,590 (5,710)	2,390 (5,270)	2,590 (5,710)	2,630 (5,800)	2,760 (6,080)	3,290 (7,250)	
Bucket digging force	SAE	kN	220.7 [240.8]	220.7 [240.8]	220.7 [240.8]	220.7 [240.8]	220.7 [240.8]	220.7 [240.8]	184.4	[]: Power Boost
		kgf	22500 [24550]	22500 [24550]	22500 [24550]	22500 [24550]	22500 [24550]	22500 [24550]	18800	
		lbf	49600 [54120]	49600 [54120]	49600 [54120]	49600 [54120]	49600 [54120]	49600 [54120]	41450	
	ISO	kN	255.0 [278.1]	255.0 [278.1]	255.0 [278.1]	255.0 [278.1]	255.0 [278.1]	255.0 [278.1]	213.8	
		kgf	26000 [28360]	26000 [28360]	26000 [28360]	26000 [28360]	26000 [28360]	26000 [28360]	21800	
		lbf	57320 [62520]	57320 [62520]	57320 [62520]	57320 [62520]	57320 [62520]	57320 [62520]	48060	
Arm crowd force	SAE	kN	276.6 [301.7]	224.6 [245.0]	276.6 [301.7]	224.6 [245.0]	191.2 [208.6]	170.6 [186.1]	103.0	
		kgf	28200 [30760]	22900 [24980]	28200 [30760]	22900 [24980]	19500 [21270]	17400 [18980]	10500	
		lbf	62170 [67810]	50490 [55070]	62170 [67810]	50490 [55070]	42990 [46890]	38360 [41840]	23150	
	ISO	kN	290.3 [316.7]	234.4 [255.7]	290.3 [316.7]	234.4 [255.7]	199.1 [217.2]	176.5 [192.6]	105.9	
		kgf	29600 [32290]	23900 [26070]	29600 [32290]	23900 [26070]	20300 [22150]	18000 [19640]	10800	
		lbf	65260 [71190]	52690 [57470]	65260 [71190]	52690 [57470]	44750 [48830]	39680 [43300]	23810	

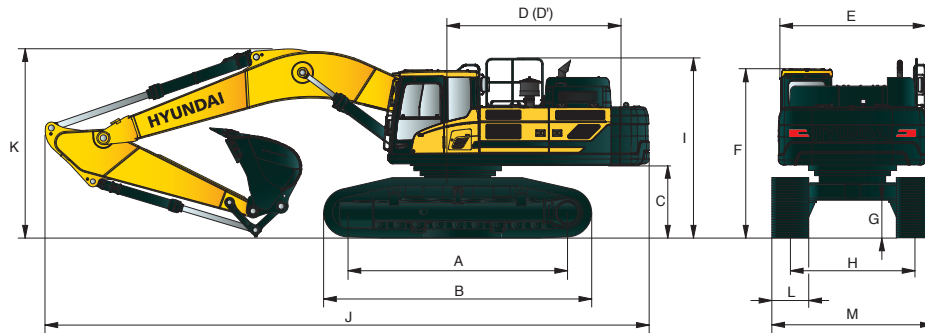
Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HX480 L

HX480 L DIMENSIONS

6.55 m (21' 6"); 7.06 m (23' 2") & 9.0 m (29' 6") BOOM and 2.4 m (7' 10"); 2.9 m (9' 6"); 3.38 m (11' 1"); 4.0 m (13' 8") & 6.0 m (19' 8") ARM

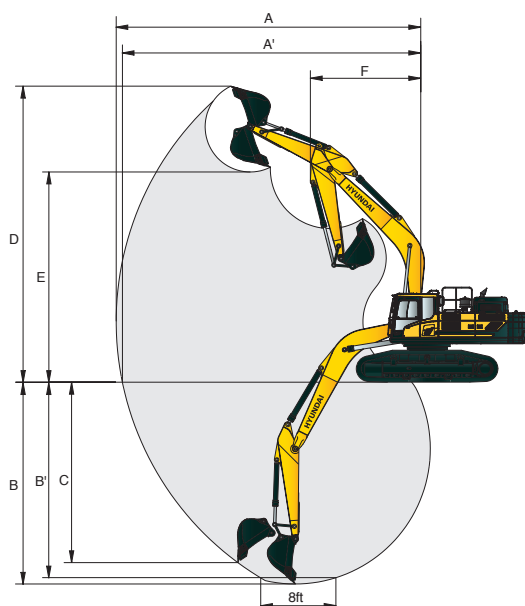


Unit : mm (ft-in)

A	Tumbler distance	4,470 (14' 8")
B	Overall length of crawler	5,460 (17' 11")
C	Ground clearance of counterweight	1,295 (4' 3")
D	Tail swing radius	3,940 (12' 11")
D'	Rear-end length	3,885 (12' 9")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,240 (10' 6")
G	Min. ground clearance	560 (1' 8")
H	Track gauge	2,740 (9' 0")
I	Overall height of guardrail	3,450 (11' 3")

Boom length	6,550 (21' 6")		7,060 (23' 2")			9,000 (29' 6")	
Arm length	2,400 (7' 10")	2,900 (9' 6")	2,400 (7' 10")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 8")	6,000 (19' 8")
J Overall length	11,990 (39' 4")	11,870 (38' 11")	12,510 (41' 1")	12,390 (40' 8")	12,260 (40' 3")	12,230 (40' 1")	14,230 (46' 8")
K Overall height of boom	4,130 (13' 7")	4,050 (13' 3")	4,010 (13' 2")	3,900 (12' 10")	3,790 (12' 5")	4,110 (13' 6")	3,990 (13' 1")
L Track shoe width	600 (24")	700 (28")	750 (30")	800 (32")	900 (36")		
M Overall width	3,340 (10' 11")	3,440 (11' 3")	3,490 (11' 5")	3,540 (11' 7")	3,640 (11' 11")		

HX480 L WORKING RANGE





Unit : mm (ft-in)

Boom length	6,550 (21' 6")		7,060 (23' 2")			9,000 (29' 6")	
Arm length	2,400 (7' 10")	2,900 (9' 6")	2,400 (7' 10")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 8")	6,000 (19' 8")
A Max. digging reach	10,690 (35' 1")	11,130 (36' 6")	11,200 (36' 9")	11,620 (38' 1")	12,040 (39' 6")	12,600 (41' 4")	16,180 (53' 1")
A' Max. digging reach on ground	10,470 (34' 4")	10,910 (35' 10")	10,980 (36' 0")	11,410 (37' 5")	11,840 (38' 10")	12,410 (40' 9")	16,030 (52' 7")
B Max. digging depth	6,390 (21' 0")	6,890 (22' 7")	6,780 (22' 3")	7,280 (23' 11")	7,760 (25' 6")	8,380 (27' 6")	12,020 (39' 5")
B' Max. digging depth (8° level)	6,210 (20' 4")	6,730 (22' 1")	6,600 (21' 8")	7,120 (23' 4")	7,620 (25' 0")	8,250 (27' 1")	11,920 (39' 1")
C Max. vertical wall digging depth	4,510 (14' 10")	5,550 (18' 3")	4,790 (15' 9")	5,800 (19' 0")	5,920 (19' 5")	6,470 (21' 3")	8,510 (27' 11")
D Max. digging height	10,240 (33' 7")	10,510 (34' 6")	10,600 (34' 9")	10,830 (35' 6")	10,910 (35' 10")	11,130 (36' 6")	12,440 (40' 10")
E Max. dumping height	6,890 (22' 7")	7,060 (23' 2")	7,260 (23' 10")	7,390 (24' 3")	7,540 (24' 9")	7,760 (25' 6")	9,260 (30' 5")
F Min. front swing radius	4,870 (16' 0")	4,540 (14' 11")	5,160 (16' 11")	4,890 (16' 1")	4,850 (15' 11")	4,710 (15' 5")	6,140 (20' 2")











LIFTING CAPACITY

HX480 L













 Rating over-front  Rating over-side or 360 degrees

HX480 L

6.55 m (21' 6") boom; 2.4 m (7' 10") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
												
6.0 m (19.6 ft)	kg					*13100	*13100	*12540	9840	10830	6430	9.71
	lb					*28880	*28880	*27640	21700	23890	14190	31.72
4.5 m (14.7 ft)	kg			*18500	*18500	*15010	13670	*13400	9460	9840	5750	10.16
	lb			*40800	*40800	*33100	30150	*29530	20850	21690	12680	33.19
3.0 m (9.8 ft)	kg					*17090	12800	*14450	9010	9410	5440	10.33
	lb					*37680	28230	*31850	19860	20740	11980	33.74
1.5 m (4.9 ft)	kg					*18620	12140	15190	8620	9430	5410	10.24
	lb					*41060	26750	33480	19010	20790	11940	33.44
Ground Line	kg			*24870	18570	*19220	11770	14910	8380	9930	5700	9.88
	lb			*54820	40940	*42370	25950	32860	18470	21900	12570	32.28
-1.5 m (-4.9 ft)	kg			*23780	18600	*18850	11680	14840	8320	11150	6430	9.21
	lb			*52420	41000	*41560	25750	32710	18340	24570	14180	30.1
-3.0 m (-9.8 ft)	kg	*27210	*27210	*21680	18870	*17410	11840			*11320	8010	8.15
	lb	*59990	*59990	*47800	41590	*38370	26090			*24960	17650	26.61
-4.5 m (-14.7 ft)	kg			*18000	*18000					*10800	9470	7.4
	lb			*39690	*39690					*23810	20870	24.19



6.55 m (21' 6") boom; 2.9 m (9' 6") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach				
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)
														
7.5 m (24.5 ft)	kg							*11560	10150			*8700	7060	9.39
	lb							*25480	22390			*19180	15560	30.67
6.0 m (19.6 ft)	kg							*12010	9940			*8690	5950	10.12
	lb							*26480	21910			*19170	13120	33.06
4.5 m (14.7 ft)	kg			*17020	*17020	*14310	13870	*12990	9520			*8820	5340	10.55
	lb			*37530	*37530	*31560	30580	*28630	20990			*19440	11770	34.45
3.0 m (9.8 ft)	kg			*21620	20330	*16560	12950	*14170	9040	11500	6600	8810	5040	10.71
	lb			*47670	44820	*36500	28550	*31230	19920	25350	14550	19420	11110	34.99
1.5 m (4.9 ft)	kg			*24550	18980	*18370	12190	15180	8600	11240	6370	8800	5000	10.62
	lb			*54130	41850	*40490	26860	33470	18960	24780	14040	19410	11020	34.71
Ground Line	kg			*25300	18440	*19310	11710	14830	8290			9220	5230	10.28
	lb			*55770	40660	*42560	25830	32700	18280			20330	11540	33.59
-1.5 m (-4.9 ft)	kg	*23710	*23710	*24660	18350	*19280	11530	14680	8160			10230	5840	9.65
	lb	*52280	*52280	*54370	40450	*42510	25420	32370	17990			22550	12870	31.52
-3.0 m (-9.8 ft)	kg	*29990	*29990	*22950	18540	*18250	11600	*14760	8250			*11610	7100	8.65
	lb	*66110	*66110	*50590	40860	*40230	25570	*32540	18180			*25590	15650	28.26
-4.5 m (-14.7 ft)	kg	*25460	*25460	*19850	19020	*15750	11960					*10980	9450	7.36
	lb	*56130	*56130	*43770	41930	*34730	26380					*24210	20830	24.05

- Lifting capacity is based on ISO 10567.
- Load point is the end pin point of front attachment.
- Lifting capacity does not exceed 75% of tipping load or 87% of hydraulic capacity.
- (*) indicates the load limited by hydraulic capacity.













LIFTING CAPACITY

HX480 L













 Rating over-front  Rating over-side or 360 degrees

HX480 L













7.06 m (23' 2") boom; 3.38 m (11' 1") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)
														
6.0 m (19.6 ft)	kg							*11510	9900	*11340	7020	*7750	4930	11.05
	lb							*25370	21820	*25010	15480	*17090	10870	36.08
4.5 m (14.7 ft)	kg					*14080	13730	*12700	9410	*11690	6770	*7880	4450	11.43
	lb					*31040	30270	*28000	20740	*25770	14910	*17370	9820	37.34
3.0 m (9.8 ft)	kg			*21750	19990	*16510	12740	*14050	8870	*11350	6460	*7570	4210	11.58
	lb			*47940	44070	*36390	28080	*30970	19550	*25020	14250	*16680	9280	37.83
1.5 m (4.9 ft)	kg			*24850	18580	*18470	11920	*14950	8390	*11030	6180	*7540	4160	11.5
	lb			*54780	40950	*40730	26270	*32950	18490	*24320	13620	*16630	9180	37.57
Ground Line	kg			*25740	18010	*19570	11410	*14550	8040	*10790	5960	*7830	4320	11.19
	lb			*56750	39710	*43150	25150	*32070	17720	*23800	13140	*17270	9530	36.55
-1.5 m (-4.9 ft)	kg	*19090	*19090	*25340	17890	*19780	11180	*14330	7850	*10680	5860	*8530	4740	10.62
	lb	*42080	*42080	*55870	39430	*43600	24640	*31600	17310	*23540	12910	*18800	10450	34.69
-3.0 m (-9.8 ft)	kg	*25270	*25270	*24050	18010	*19150	11180	*14320	7840			*9890	5580	9.74
	lb	*55720	*55720	*53020	39710	*42220	24650	*31570	17280			*21810	12290	31.82
-4.5 m (-14.7 ft)	kg	*28240	*28240	*21780	18370	*17570	11390	*14330	8040			*11250	7290	8.43
	lb	*62250	*62250	*48020	40490	*38740	25120	*31590	17720			*24800	16080	27.54
-6.0 m (-19.6 ft)	kg			*18000								*10910	8780	7.61
	lb			*39690								*24060	19360	24.85

7.06 m (23' 2") boom; 2.4 m (7' 10") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.


Load point height m (ft)		Load radius										At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)
														
7.5 m (24.5 ft)	kg							*11920	9980			*10790	6730	9.53
	lb							*26280	22010			*23790	14850	31.14
6.0 m (19.6 ft)	kg					*13370	*13370	*12470	9690			*9730	5700	10.26
	lb					*29480	*29480	*27490	21370			*21450	12560	33.5
4.5 m (14.7 ft)	kg					*15530	13250	*13530	9230			*8903	5120	10.68
	lb					*34250	29220	*29830	20340			*19630	11290	34.88
3.0 m (9.8 ft)	kg					*17700	12330	*14680	8740	11330	6460	*8540	4850	10.84
	lb					*39020	27200	*32370	19260	*24980	14250	*18820	10690	35.4
1.5 m (4.9 ft)	kg					*19140	11690	*14860	8330	*11080	6240	*8550	4820	10.75
	lb					*42190	25780	*32760	18370	*24430	13760	*18840	10640	35.12
Ground Line	kg					*19600	11380	*14580	8090	*10940	6110	*8960	5060	10.41
	lb					*43210	25090	*32140	17830	*24120	13470	*19750	11160	34.02
-1.5 m (-4.9 ft)	kg			*23820	18210	*19210	11320	*14500	8020			*9930	5650	9.79
	lb			*52520	40150	*42360	24960	*31960	17680			*21890	12460	31.98
-3.0 m (-9.8 ft)	kg	*26660	*26660	*22010	18460	*17980	11470	*14660	8160			*11270	6860	8.81
	lb	*58780	*58780	*48530	40690	*39630	25290	*32320	17980			*24840	15120	28.78
-4.5 m (-14.7 ft)	kg			*19030	18970	*15480	11890					*10630	8730	7.71
	lb			*41950	41820	*34120	26210					*23430	19240	25.19

7.06 m (23' 2") boom; 2.9 m (9' 6") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)
														
7.5 m (24.5 ft)	kg							*11300	10110			*9200	6210	9.96
	lb							*24920	22290			*20290	13690	32.54
6.0 m (19.6 ft)	kg							*12000	9780			*9110	5290	10.65
	lb							*26450	21560			*20090	11660	34.78
4.5 m (14.7 ft)	kg			*18460	*18460	*14840	13460	*13150	9290	11630	6710	*8370	4760	11.05
	lb			*40690	*40690	*32720	29680	*28980	20480	*25630	14800	*18440	10500	36.09
3.0 m (9.8 ft)	kg			*23200	19320	*17170	12480	*14420	8760	*11310	6430	*8020	4500	11.2
	lb			*51150	42600	*37860	27520	*31790	19320	*24930	14170	*17680	9920	36.6
1.5 m (4.9 ft)	kg			*21570	18200	*18920	11730	*14850	8310	*11020	6170	*8010	4460	11.12
	lb			*47550	40110	*41710	25860	*32750	18320	*24290	13590	*17650	9830	36.33
Ground Line	kg			*24530	17880	*19730	11310	*14500	8000	*10820	5990	*8350	4650	10.8
	lb			*54090	39420	*43500	24920	*31970	17640	*23850	13200	*18400	10250	35.27
-1.5 m (-4.9 ft)	kg	*19550	*19550	*24880	17880	*19650	11160	*14350	7870			*9170	5140	10.2
	lb	*43100	*43100	*54840	39430	*43320	24600	*31640	17350			*20210	11340	33.32
-3.0 m (-9.8 ft)	kg	*27720	*27720	*23290	18090	*18730	11240	*14410	7930			*10790	6140	9.28
	lb	*61120	*61120	*51340	39890	*41300	24770	*31780	17470			*23790	13530	30.31
-4.5 m (-14.7 ft)	kg	*26110	*26110	*20660	18540	*16750	11550					*10990	8290	7.87
	lb	*57560	*57560	*45550	40870	*36930	25460					*24220	18270	25.72

















LIFTING CAPACITY

HX480 L















 Rating over-front  Rating over-side or 360 degrees

HX480 NL

7.06 m (23' 2") boom; 4.0 m (13' 11") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9,200 kg (20,280 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach						
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		10.5 m (35 ft)		Capacity	Reach	
																		m (ft)
7.5 m (24.5 ft)	kg																	
	lb																	
6.0 m (19.6 ft)	kg																	
	lb																	
4.5 m (14.7 ft)	kg																	
	lb																	
3.0 m (9.8 ft)	kg																	
	lb																	
1.5 m (4.9 ft)	kg																	
	lb																	
Ground Line	kg																	
	lb																	
-1.5 m (-4.9 ft)	kg																	
	lb																	
-3.0 m (-9.8 ft)	kg																	
	lb																	
-4.5 m (-14.7 ft)	kg																	
	lb																	
-6.0 m (-19.6 ft)	kg																	
	lb																	

9.00 m (29' 6") boom; 6.0 m (13' 1") arm equipped with 2.20 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 10,200 kg (22,490 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach						
		3.0 m (9.8 ft)		5.0 m (16.3 ft)		7.0 m (22.9 ft)		9.0 m (29.4 ft)		11.0 m (35.9 ft)		13.0 m (42.5 ft)		Capacity	Reach			
																m (ft)		
8.0 m (26.1 ft)	kg																	
	lb																	
6.0 m (19.6 ft)	kg																	
	lb																	
4.0 m (13.1 ft)	kg																	
	lb																	
2.0 m (6.5 ft)	kg																	
	lb																	
Ground Line	kg																	
	lb																	
-2.0 m (-6.5 ft)	kg																	
	lb																	
-4.0 m (-13.1 ft)	kg																	
	lb																	
-6.0 m (-19.6 ft)	kg																	
	lb																	
-8.0 m (-26.1 ft)	kg																	
	lb																	
-10.0 m (-32.7 ft)	kg																	
	lb																	

- Lifting capacity is based on ISO 10567.
- Load point is the end pin point of front attachment.
- Lifting capacity does not exceed 75% of tipping load or 87% of hydraulic capacity.
- (*) indicates the load limited by hydraulic capacity.

ENGINE	STD	OPT
Scania DC13 084A 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	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights		●
Cabin front window rain guard	●	
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard) · Front & Top Guard		●
ISO/DIS 10262 Level 2 · Top Guard		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure) · ISO 12117-2	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
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		●
Three outside rearview mirrors	●	
OTHER		
Booms		
6.55 m; 21' 6"		●
7.06 m; 23' 2"	●	
9.00 m; 29' 6"		●
Arms		
2.4 m; 7' 10"		●
2.9 m; 9' 6"		●
3.38 m; 11' 1"	●	
4.0 m; 13' 1"		●
6.0 m; 19' 8"		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter with fuel warmer	●	
Rain cap	●	
Pre-cleaner		●
Self-diagnostics system	●	
Hi-mate (Remote Management System)	Mobile	●
	Satellite	●
Batteries (2 x 12 V x 200 Ah)	●	
Fuel filler pump (50 l/min)	●	
Lower wiper motor	●	
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Quick coupler piping		●
Quick coupler		●
Boom floating control		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (750 mm; 30")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (600 mm; 24")		●
Double grouser shoes (700 mm; 28")		●
Heavy duty grouser shoes (600 mm; 24")		●
Heavy duty grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●
3-piece type track rail guard		●

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.