

# SPECIFICATIONS

# HX300 L

ENGINE			
Maker / Model	Cummins QSB6.7		
Type	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	242 HP (180 kW) at 1,950 rpm
		J1349 (net)	230 HP (171 kW) at 1,950 rpm
	DIN	6271/1 (gross)	245 PS (180 kW) at 1,950 rpm
		6271/1 (net)	233 PS (171 kW) at 1,950 rpm
Max. torque	100.9 kgf·m (729.8 lbf·ft) at 1,500 rpm		
Bore x stroke	107 x 124 mm (4.21" x 4.88")		
Piston displacement	6,700 cc (409 cu in)		
Batteries	2 x 12 V x 160 Ah		
Starting motor	Denso 24 V - 4.8 kW		
Alternator	Denso 24 V - 95 A		

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 273 l/min (72.1 U.S. gpm / 60.1 U.K. gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

HYDRAULIC MOTORS	
Travel	Variable displacement axial piston motor
Swing	Axial piston motor

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm <sup>2</sup> (4,980 psi)
Travel	350 kgf/cm <sup>2</sup> (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing circuit	300 kgf/cm <sup>2</sup> (4,270 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 140 x 1,465 mm
	Arm: Ø 150 x 1,765 mm
	Bucket: Ø 135 x 1,185 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,300 kgf (60,200 lbf)
Max. travel speed (high / low)	5.8 km/hr (3.6 mph) / 3.2 km/hr (2.0 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	10.2 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	500	132.1	110.0
Engine coolant	40	10.6	8.8
Engine oil	23.1	6.1	5.1
Swing device	11	2.9	2.4
Final drive (each)	7.8	2.06	1.72
Hydraulic system (including tank)	330	87.2	72.6
Hydraulic tank	190	50.2	41.8
DEF/AdBlue®	42.5	11.2	9.3

UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	

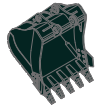
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 6,250 mm (20' 6") boom; 3,050 mm (10' 0") arm; SAE heaped 1.27 m <sup>3</sup> (1.66 yd <sup>3</sup> ) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

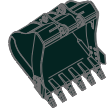
OPERATING WEIGHT			
Shoes	Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)	kgf / cm <sup>2</sup> (psi)
Triple grouser	600 (24")	HX300 L	30,200 (66,580) 0.58 (8.25)
		HX300 NL	30,000 (66,140) 0.58 (8.25)
		HX300 HW	33,040 (72,840) 0.64 (9.10)
	700 (28")	HX300 L	30,770 (67,840) 0.51 (7.25)
		HX300 HW	33,610 (74,100) 0.56 (7.95)
		800 (32")	HX300 L
HX300 HW	33,990 (74,940) 0.49 (6.97)		
900 (36")	HX300 L	31,530 (69,510) 0.41 (5.83)	
		HX300 L	31,680 (69,840) 0.52 (7.39)
	Double grouser	710 (28")	HX300 HW

# BUCKET SELECTION GUIDE HX300 L & DIGGING FORCE

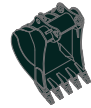
## BUCKETS



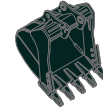
1.27 (1.66)  
1.50 (1.96)



1.73 (2.26)  
1.85 (2.42)



◆ 1.27 (1.66)  
◆ 1.46 (1.91)



◆ 1.33 (1.74)  
◆ 1.50 (1.96)



★ 0.52 (0.68)

SAE heaped  
m<sup>3</sup> (yd<sup>3</sup>)

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					6,250 (20' 6") Boom				10,200 (33' 6") Boom
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,050 (10' 0") Arm	3,750 (12' 4") Arm	7,850 (25' 9") Arm
1.27 (1.66)	1.11 (1.45)	1,325 (52.2)	1,410 (55.5)	1,100 (2,430)	●	●	●	⊙	-
1.50 (1.96)	1.30 (1.70)	1,515 (59.6)	1,600 (63.0)	1,180 (2,600)	●	●	⊙	○	-
1.73 (2.26)	1.51 (1.98)	1,605 (63.2)	1,690 (66.5)	1,280 (2,820)	⊙	⊙	○	○	-
1.85 (2.42)	1.61 (2.11)	1,700 (66.9)	1,780 (70.1)	1,330 (2,930)	⊙	○	○	○	-
◆ 1.27(1.66)	1.11 (1.45)	1,380 (54.3)	-	1,290 (2,840)	●	●	⊙	⊙	-
◆ 1.46(1.91)	1.28 (1.67)	1,535 (60.4)	-	1,380 (3,040)	⊙	⊙	⊙	○	-
◆ 1.33 (1.74)	1.16 (1.52)	1,420 (55.9)	-	1,470 (3,240)	⊙	⊙	⊙	○	-
◆ 1.50 (1.96)	1.30 (1.70)	1,550 (61.0)	-	1,550 (3,420)	⊙	⊙	●	○	-
★ 0.52(0.68)	0.45 (0.59)	945 (37.2)	1,020 (40.2)	460 (1,010)	-	-	-	-	⊙

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket
- ★ Long reach bucket

- : Applicable for materials with density of 2,000 kg /m<sup>3</sup> (3,370 lb/ yd<sup>3</sup>) or less
- ⊙ : Applicable for materials with density of 1,600 kg /m<sup>3</sup> (2,700 lb/ yd<sup>3</sup>) or less
- : Applicable for materials with density of 1,100 kg /m<sup>3</sup> (1,850 lb/ yd<sup>3</sup>) or less

## ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.  
6.25 m (20' 6"); 10.2 m (33' 6") Booms and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") Arms are available.

## DIGGING FORCE

Boom	Length	mm (ft.in)	6,250 (20' 6")				10,200 (33' 6")	Remarks:
	Weight	kg (lb)	2,670 (5,900)				3,420 (7,540)	
Arm	Length	mm (ft.in)	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	7,850 (25' 9")	[ ]: Power Boost
	Weight	kg (lb)	1,480 (3,260)	1,460 (3,220)	1,570 (3,460)	1,710 (3,770)	1,690 (3,730)	
Bucket digging force	SAE	kN	168.7 [183.1]	168.7 [183.1]	168.7 [183.1]	168.7 [183.1]	70	
		kgf	17200 [18670]	17200 [18670]	17200 [18670]	17200 [18670]	7100	
		lbf	37920 [41170]	37920 [41170]	37920 [41170]	37920 [41170]	15650	
	ISO	kN	192.2 [208.7]	192.2 [208.7]	192.2 [208.7]	192.2 [208.7]	80	
		kgf	19600 [21280]	19600 [21280]	19600 [21280]	19600 [21280]	8200	
		lbf	43210 [46910]	43210 [46910]	43210 [46910]	43210 [46910]	18080	
Arm crowd force	SAE	kN	180.4 [195.9]	156.9 [170.4]	131.4 [142.7]	114.7 [124.6]	47.1	
		kgf	18400 [19980]	16000 [17370]	13400 [14550]	11700 [12700]	4800	
		lbf	40570 [44050]	35270 [38290]	29540 [32070]	25790 [28000]	10580	
	ISO	kN	190.3 [206.6]	163.8 [177.8]	136.3 [148.0]	119.6 [129.9]	48.1	
		kgf	19400 [21060]	16700 [18130]	13900 [15090]	12200 [13250]	4900	
		lbf	42770 [46440]	36820 [39980]	30640 [33270]	26900 [29210]	10800	

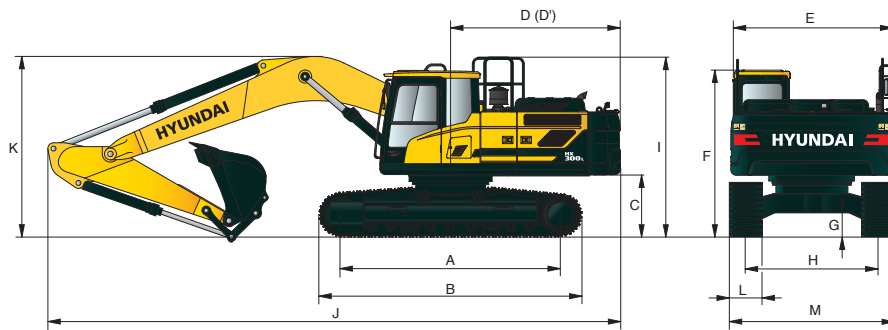
Note : Boom weight includes arm cylinder, piping, and pin  
Arm weight includes bucket cylinder, linkage, and pin

# DIMENSIONS & WORKING RANGE

# HX300 L

## HX300 L / HX300 NL DIMENSIONS

6.25 m (20' 6") BOOM and 2.1 m (6' 11"); 2.5 m (8' 2"); 3.05 m (10' 0") & 3.75 m (12' 4") ARM

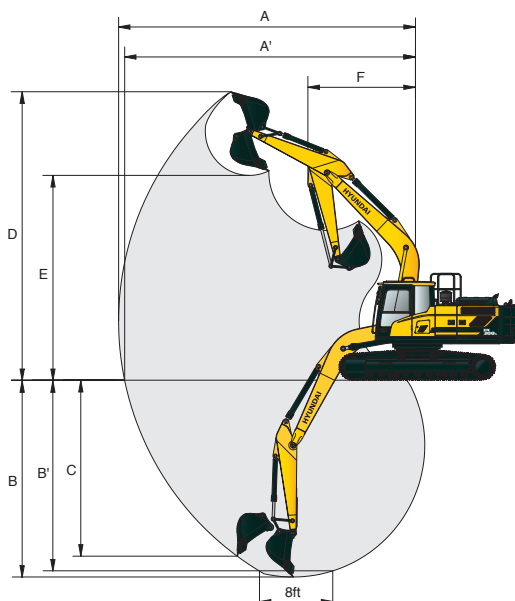


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,190 (3' 11")
D	Tail swing radius	3,200 (10' 6")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,030 (9' 11")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	HX300 L: 2,600 (8' 6") HX300 NL: 2,390 (7' 10")
I	Overall height of guardrail	3,340 (10' 11")

Boom length	6,250 (20' 6")				
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
J	Overall length	10,700 (35' 1")	10,650 (34' 11")	10,560 (34' 8")	10,630 (34' 11")
K	Overall height of boom	3,590 (11' 9")	3,470 (11' 5")	3,290 (10' 10")	3,500 (11' 6")
L	Track shoe width	600 (23' 6")			
M	Overall width	HX300 L: 3,200 (10' 6")	HX300 NL: 2,990 (9' 10")		

## HX300 L / HX300 NL WORKING RANGE



Unit : mm (ft-in)

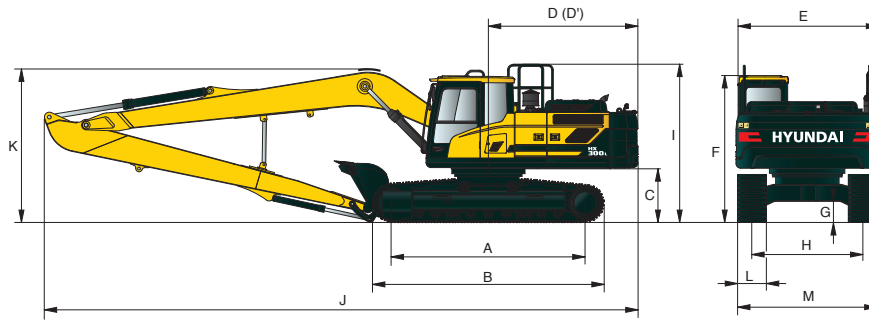
Boom length	6,250 (20' 6")				
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")	
A	Max. digging reach	10,020 (32' 10")	10,280 (33' 9")	10,820 (35' 6")	11,400 (37' 5")
A'	Max. digging reach on ground	9,820 (32' 3")	10,080 (33' 1")	10,620 (34' 10")	11,220 (36' 10")
B	Max. digging depth	6,440 (21' 2")	6,840 (22' 5")	7,390 (24' 3")	8,090 (26' 7")
B'	Max. digging depth (8° level)	6,240 (20' 6")	6,630 (21' 9")	7,200 (23' 7")	7,920 (26' 0")
C	Max. vertical wall digging depth	6,000 (19' 8")	5,850 (19' 2")	6,380 (20' 11")	7,080 (23' 3")
D	Max. digging height	10,040 (32' 11")	10,000 (32' 10")	10,160 (33' 4")	10,360 (34' 0")
E	Max. dumping height	6,940 (22' 9")	7,030 (23' 1")	7,110 (23' 4")	7,310 (24' 0")
F	Min. front swing radius	4,400 (14' 5")	4,300 (14')	4,250 (13' 11")	4,200 (13' 9")

# DIMENSIONS & WORKING RANGE

# HX300 L

## HX300 L LONG REACH

10.2 m (33' 6") BOOM and 7.85 m (25' 9") ARM

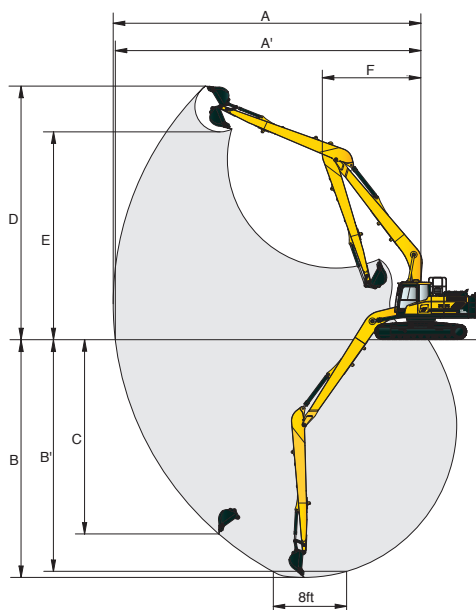


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,190 (3' 11")
D	Tail swing radius	3,210 (10' 5")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,030 (9' 11")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	2,600 (8' 6")
I	Overall height of guardrail	3,340 (10' 11")

	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
J	Overall length	14,560 (47' 9")
K	Overall height of boom	3,560 (11' 8")
L	Track shoe width	800 (31' 5")
M	Overall width	3,400 (11' 2")

## HX300 L LONG REACH WORKING RANGE



Unit : mm (ft-in)

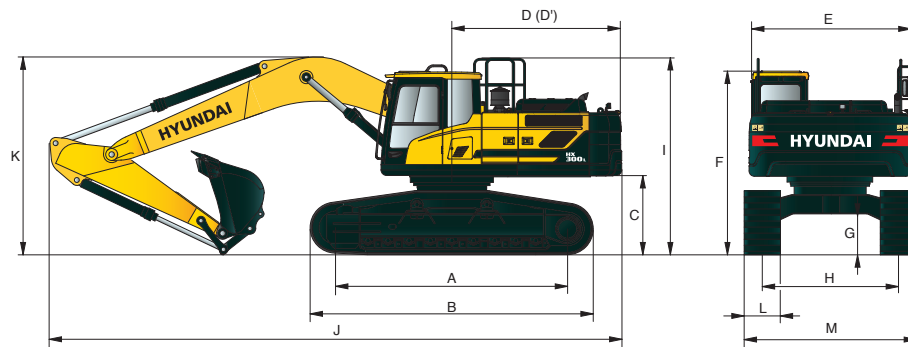
	Boom length	10,200 (33' 6")
	Arm length	7,850 (25' 9")
A	Max. digging reach	18,510 (60' 9")
A'	Max. digging reach on ground	18,400 (60' 4")
B	Max. digging depth	14,820 (48' 7")
B'	Max. digging depth (8' level)	14,690 (48' 2")
C	Max. vertical wall digging depth	12,020 (39' 5")
D	Max. digging height	14,500 (47' 7")
E	Max. dumping height	12,190 (40' 0")
F	Min. front swing radius	6,250 (20' 6")

# DIMENSIONS & WORKING RANGE

# HX300 L

## HX300 L HIGH WALKER DIMENSIONS

6.25 m (20' 6") BOOM and 3.05 m (10' 0") ARM



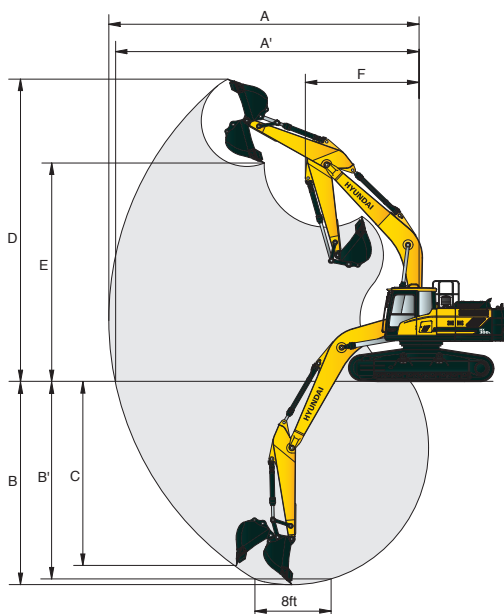
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,950 (16' 3")
C	Ground clearance of counterweight	1,500 (4' 11")
D	Tail swing radius	3,200 (10' 6")
D'	Rear-end length	3,120 (10' 3")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,400 (11' 2")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,640 (12' 0")

Boom length	6,250 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
J Overall length	10,690 (35' 1")	10,610 (34' 10")	10,430 (34' 3")	10,530 (34' 7")
K Overall height of boom	3,740 (12' 3")	3,590 (11' 9")	3,350 (11' 0")	3,510 (11' 6")
L Track shoe width	600 (23' 6")			
M Overall width	3,470 (11' 5")			

## HX300 L HIGH WALKER WORKING RANGE

Unit : mm (ft-in)



Boom length	6,250 (20' 6")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,750 (12' 4")
A Max. digging reach	10,020 (32' 10")	10,280 (33' 9")	10,790 (35' 5")	11,400 (37' 5")
A' Max. digging reach on ground	9,750 (32' 0")	10,020 (32' 10")	10,530 (34' 7")	11,160 (36' 7")
B Max. digging depth	6,140 (20' 2")	6,540 (21' 5")	7,090 (23' 3")	7,790 (25' 7")
B' Max. digging depth (8° level)	5,930 (19' 5")	6,330 (20' 9")	6,910 (22' 8")	7,630 (25' 0")
C Max. vertical wall digging depth	5,700 (18' 8")	5,560 (18' 3")	6,090 (20' 0")	6,790 (22' 3")
D Max. digging height	10,320 (33' 10")	10,270 (33' 8")	10,440 (34' 3")	10,660 (35' 0")
E Max. dumping height	7,240 (23' 9")	7,170 (23' 6")	7,400 (24' 3")	7,610 (25' 0")
F Min. front swing radius	4,400 (14' 5")	4,300 (14' 1")	4,250 (13' 11")	4,200 (13' 9")

# LIFTING CAPACITY

# HX300 L

Rating over-front Rating over-side or 360 degrees

## HX300 L

6.25 m (20' 6") boom; 2.10 m (6' 11") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach		Reach m (ft)	
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity			
7.5 m (25 ft)	kg					*6130	*6130			*5630	4670	8.01
	lb					*13510	*13510			*12410	10300	(26.3)
6.0 m (20 ft)	kg					*6480	*6480	*6290	5050	*5730	3740	8.90
	lb					*14290	*14290	*13870	11160	*12630	8250	(29.2)
4.5 m (15 ft)	kg		*9540	*9540		*7510	7250	*6630	4940	5390	3260	9.42
	lb		*31030	*31030		*16560	15980	*14620	10890	11880	7190	(30.9)
3.0 m (10 ft)	kg		*12460	10480		*8840	6770	*7260	4720	5090	3040	9.64
	lb		*27470	23100		*19490	14930	*16010	10410	11220	6700	(31.6)
1.5 m (5 ft)	kg		*14460	9770		*10010	6370	7520	4510	5090	3020	9.58
	lb		*31880	21540		*22070	14040	16580	9940	11220	6660	(31.4)
Ground Line	kg		*15030	9560		10530	6140	7370	4370	5380	3200	9.23
	lb		*33140	21080		23210	13540	16250	9630	11860	7050	(30.3)
-1.5 m (-5 ft)	kg	*14310	*14310	*14720	9580	10460	6080	7340	4340	6110	3660	8.57
	lb	*31550	*31550	*32450	21120	23060	13400	16180	9570	13470	8070	(28.1)
-3.0 m (-10 ft)	kg	*18800	*18800	*13590	9760	*10100	6180			*6590	4710	7.47
	lb	*41450	*41450	*29960	21520	*22270	13620			*14530	10380	(24.5)
-4.5 m (-15 ft)	kg	*15160	*15160	*11050	10170							
	lb	*33420	*33420	*24360	22420							

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach		Reach m (ft)		
	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)			Capacity	
7.5 m (25 ft)	kg										*5160	4390	8.34
	lb										*11380	9680	(27.4)
6.0 m (20 ft)	kg								*5800	5140	*5320	3550	9.19
	lb								*12790	11330	*11730	7830	(30.2)
4.5 m (15 ft)	kg			*8680	*8680	*7010	*7010	*6240	4980	5150	3100	9.69	
	lb			*19140	*19140	*15450	*15450	*13760	10980	11350	6830	(31.8)	
3.0 m (10 ft)	kg			*11600	10690	*8380	6840	*6930	4740	4860	2890	9.90	
	lb			*25570	23570	*18470	15080	*15280	10450	10710	6370	(32.5)	
1.5 m (5 ft)	kg			*13880	9850	*9660	6390	7520	4500	4840	2850	9.84	
	lb			*30600	21720	*21300	14090	16580	9920	10670	6280	(32.3)	
Ground Line	kg			*14840	9510	*10500	6110	7330	4340	5090	3000	9.51	
	lb			*32720	20970	*23150	13470	16160	9570	11220	6610	(31.2)	
-1.5 m (-5 ft)	kg		*15290	*15290	*14820	9460	10390	6010	7260	4270	5710	3390	8.87
	lb		*33710	*33710	*32670	20860	22010	13250	16010	9410	12590	7470	(29.1)
-3.0 m (-10 ft)	kg	*17300	*17300	*19910	*19910	*13960	9600	10310	6070		*6700	4270	7.82
	lb	*38140	*38140	*43890	*43890	*30780	21160	22730	13380		*14770	9410	(25.7)
-4.5 m (-15 ft)	kg			*16640	*16640	*11890	9950						
	lb			*36680	*36680	*26210	21940						

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		Reach m (ft)			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)			Capacity		
7.5 m (25 ft)	kg												*4690	3870	8.94	
	lb												*10340	8530	(29.3)	
6.0 m (20 ft)	kg							*5190	*5190				*4850	3170	9.74	
	lb							*11440	*11440				*10690	6990	(32.0)	
4.5 m (15 ft)	kg							*6290	*6290	*5700	5020		4690	2790	10.20	
	lb							*13870	*13870	*12570	11070		10340	6150	(33.5)	
3.0 m (10 ft)	kg			*10560	*10560	*10410	*10410	*7710	6910	*6440	4750	*4350	3400	4440	2600	10.40
	lb			*23280	*23280	*22950	*22950	*17000	15230	*14200	10470	*9590	7500	9790	5730	(34.1)
1.5 m (5 ft)	kg			*13000	9970	*9100	6410	*7230	4480	*5160	3260	4410	2560	10.35		
	lb			*28660	21980	*20060	14130	*15940	9880	*11380	7190	9720	5640	(34.0)		
Ground Line	kg			*10210	*10210	*14420	9470	*10120	6070	7280	4280	*4530	3160	4600	2670	10.04
	lb			*22510	*22510	*31790	20880	*22310	13380	16050	9440	*9990	6970	10140	5890	(32.9)
-1.5 m (-5 ft)	kg	*11050	*11050	*14320	*14320	*14790	9310	10270	5900	7160	4170		5090	2980	9.44	
	lb	*24360	*24360	*31570	*31570	*32610	20530	22640	13010	15790	9190		11220	6570	(31.0)	
-3.0 m (-10 ft)	kg	*14950	*14950	*19330	*19330	*14280	9380	10270	5900	7180	4190		6120	3640	8.48	
	lb	*32960	*32960	*42620	*42620	*31480	20680	22640	18010	15830	9240		13490	8020	(27.8)	
-4.5 m (-15 ft)	kg	*19540	*19540	*18280	*18280	*12720	9640	*9280	6080				*6310	5200	6.97	
	lb	*43080	*43080	*40300	*40300	*28040	21250	*20460	13400				*13910	11460	(22.9)	

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

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook located on the back of the bucket.

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















# LIFTING CAPACITY

# HX300 L

 Rating over-front  Rating over-side or 360 degrees











## HX300 L

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.













Load point height m (ft)		Load radius										At max. reach				
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
																m (ft)
7.5 m (25 ft)	kg													*4150	3330	9.67
	lb													*9150	7340	(31.7)
6.0 m (20 ft)	kg									*4400	*4400	*2470	*2470	*4320	2780	10.40
	lb									*9700	*9700	*5450	*5450	*9520	6130	(34.1)
4.5 m (15 ft)	kg									*4980	*4980	*3900	3580	4210	2460	10.83
	lb									*10980	*10980	*8600	7890	9280	5420	(35.5)
3.0 m (10 ft)	kg			*14350	*14350	*8830	*8830	*6800	*6800	*5800	4830	*5000	3430	3990	2290	11.02
	lb			*31640	*31640	*19470	*19470	*14990	*14990	*12790	10650	*11020	7560	8800	5050	(36.2)
1.5 m (5 ft)	kg			*10620	*10620	*11740	10310	*8340	6540	*6680	4520	5540	3260	3960	2250	10.97
	lb			*23410	*23410	*25880	22730	*18390	14420	*14730	9960	12210	7190	8730	4960	(36.0)
Ground Line	kg	*6900	*6900	*10970	*10970	*13710	9590	*9590	6120	7280	4270	5380	3120	4100	2320	10.68
	lb	*15210	*15210	*24180	*24180	*30230	21140	*21140	13490	16050	9410	11860	6880	9040	5110	(35.0)
-1.5 m (-5 ft)	kg	*9920	*9920	*13590	*13590	*14590	9280	10250	5870	7100	4110	5290	3030	4470	2560	10.12
	lb	*21870	*21870	*29960	*29960	*32170	20460	22600	12940	15650	9060	11660	6680	9850	5640	(33.2)
-3.0 m (-10 ft)	kg	*13080	*13080	*17280	*17280	*14560	9230	10160	5790	7050	4060			5220	3040	9.25
	lb	*28840	*28840	*38100	*38100	*32100	20350	22400	12760	15540	8950			11510	6700	(30.3)
-4.5 m (-15 ft)	kg	*16750	*16750	*20160	19820	*13580	9380	*9900	5870					*6130	4080	7.92
	lb	*36930	*36930	*44450	43700	*29940	20680	*21830	12940					*13510	8990	(26.0)

## HX300 NL

6.25 m (20' 6") boom; 2.10 m (6' 11") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.


Load point height m (ft)		Load radius						At max. reach				
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	Reach	
												m (ft)
7.5 m (25 ft)	kg					*6130	*6130			*5630	4210	8.01
	lb					*13510	*13510			*12410	9280	(26.3)
6.0 m (20 ft)	kg					*6480	*6480	*6290	4560	*5730	3350	8.90
	lb					*14290	*14290	*13870	10050	*12630	7390	(29.2)
4.5 m (15 ft)	kg			*9540	*9540	*7510	6540	*6630	4440	5350	2900	9.42
	lb			*21030	*21030	*16560	14420	*14620	9790	11790	6390	(30.9)
3.0 m (10 ft)	kg			*12460	9330	*8840	6070	*7260	4230	5050	2700	9.64
	lb			*27470	20570	*19490	13380	*16010	9330	11130	5950	(31.6)
1.5 m (5 ft)	kg			*14460	8650	*10010	5680	7460	4020	5040	2670	9.58
	lb			*31880	19070	*22070	12520	16450	8860	11110	5890	(31.4)
Ground Line	kg			*15030	8440	10450	5460	7310	3880	5330	2830	9.23
	lb			*33140	18610	23040	12040	16120	8550	11750	6240	(30.3)
-1.5 m (-5 ft)	kg	*14310	*14310	*14720	8460	10380	5400	7280	3860	6060	3260	8.57
	lb	*31550	*31550	*32450	18650	22880	11900	16050	8510	13360	7190	(28.1)
-3.0 m (-10 ft)	kg	*18800	17800	*13590	8640	*10100	5500			*6590	4210	7.47
	lb	*41450	39240	*29960	19050	*22270	12130			*14530	9280	(24.5)
-4.5 m (-15 ft)	kg	*15160	*15160	*11050	9030							
	lb	*33420	*33420	*24360	19910							

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

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)		Capacity	Reach	
														m (ft)
7.5 m (25 ft)	kg											*5160	3960	8.34
	lb											*11380	8730	(27.4)
6.0 m (20 ft)	kg									*5800	4640	*5320	3170	9.19
	lb									*12790	10230	*11730	2990	(30.2)
4.5 m (15 ft)	kg					*8680	*8680	*7010	6630	*6240	4480	5110	2760	9.69
	lb					*19140	*19140	*15450	14620	*13760	9880	11270	6080	(31.8)
3.0 m (10 ft)	kg					*11600	9530	*8380	6140	*6930	4240	4830	2550	9.90
	lb					*25570	21010	*18470	13540	*15280	9350	10650	5620	(32.5)
1.5 m (5 ft)	kg					*13880	8720	*9660	5700	7460	4010	4800	2520	9.84
	lb					*30600	19220	*21300	12570	16450	8840	10580	5560	(32.3)
Ground Line	kg					*14840	8390	10430	5430	7280	3850	5040	2650	9.51
	lb					*32720	18500	22990	11970	16050	8490	11110	5840	(31.2)
-1.5 m (-5 ft)	kg			*15290	*15290	*14820	8350	10310	5330	7200	3780	5670	3010	8.87
	lb			*33710	*33710	*32670	18410	22730	11750	15870	8330	12500	6640	(29.1)
-3.0 m (-10 ft)	kg	*17300	*17300	*19910	17450	*13960	8480	*10310	5380			*6700	3810	7.82
	lb	*38140	*38140	*43890	38470	*30780	18700	*22730	11860			*14770	8400	(25.7)
-4.5 m (-15 ft)	kg			*16640	*16640	*11890	8810							
	lb			*36680	*36680	*26210	19420							















# LIFTING CAPACITY

# HX300 L















 Rating over-front  Rating over-side or 360 degrees

## HX300 NL

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius												At max. reach		
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
															m (ft)
7.5 m (25 ft)	kg												*4690	3480	8.94
	lb												*10340	7670	(29.3)
6.0 m (20 ft)	kg								*5190	4720			*4850	2830	9.74
	lb								*11440	10410			*10690	6240	(32.0)
4.5 m (15 ft)	kg												4660	2470	10.20
	lb												10270	5450	(33.5)
3.0 m (10 ft)	kg		*10560	*10560	*10410	9790	*7710	6200	*6440	4250	*4350	3010	4410	2290	10.40
	lb		*23280	*23280	*22950	21580	*17000	13670	*14200	9370	*9590	6640	9720	5050	(34.1)
1.5 m (5 ft)	kg				*13000	8840	*9100	5720	*7230	3990	*5160	2880	4370	2240	10.35
	lb				*28660	19490	*20060	12610	*15940	8800	*11380	6350	9630	4940	(34.0)
Ground Line	kg		*10210	*10210	*14420	8350	*10120	5380	7220	3790	*4530	2780	4560	2340	10.04
	lb		*22510	*22510	*31790	18410	*22310	11860	15920	8360	*9990	6130	10050	5160	(32.9)
-1.5 m (-5 ft)	kg	*11050	*11050	*14320	*14320	*14790	8200	10200	5220	7100	3680		5050	2620	9.44
	lb	*24360	*24360	*31570	*31570	*32610	18080	22490	11510	15650	8110		11130	5780	(31.0)
-3.0 m (-10 ft)	kg	*14950	*14950	*19330	17000	*14280	8260	10190	5220	7120	3700		6080	3220	8.48
	lb	*32960	*32960	*42620	37480	*31480	18210	22470	11510	15700	8160		13400	7100	(27.8)
-4.5 m (-15 ft)	kg	*19540	*19540	*18280	17510	*12720	8510	*9280	5400				*6310	4650	6.97
	lb	*43080	*43080	*40300	38600	*28040	18760	*20460	11900				*13910	10250	(22.9)

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius												At max. reach		
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
															m (ft)
7.5 m (25 ft)	kg												*4150	2980	9.67
	lb												*9150	6570	(31.7)
6.0 m (20 ft)	kg								*4400	*4400	*2470	*2470	*4320	2460	10.40
	lb								*9700	*9700	*5450	*5450	*9520	5420	(34.1)
4.5 m (15 ft)	kg														10.83
	lb														(35.5)
3.0 m (10 ft)	kg		*14350	*14350	*8830	*8830	*6800	6380	*5800	4330	*5000	3040	3960	2000	11.02
	lb		*31640	*31640	*19470	*19470	*14990	14070	*12790	9550	*11020	6700	8730	4410	(36.2)
1.5 m (5 ft)	kg		*10620	*10620	*11740	9160	*8340	5840	*6680	4030	5490	2880	3920	1950	10.97
	lb		*23410	*23410	*25880	20190	*18390	12870	*14730	8880	12100	6350	8640	4300	(36.0)
Ground Line	kg	*6900	*6900	*10970	*10970	*13710	8470	*9590	5430	7230	3780	5340	4060	2020	10.68
	lb	*15210	*15210	*24180	*24180	*30230	18670	*21140	11970	15940	8330	11770	8950	4450	(35.0)
-1.5 m (-5 ft)	kg	*9920	*9920	*13590	*13590	*14590	8160	10170	5180	7050	3620	5250	4430	2230	10.12
	lb	*21870	*21870	*29960	*29960	*32170	17990	22420	11420	15540	7980	11570	9770	4920	(33.2)
-3.0 m (-10 ft)	kg	*13080	*13080	*17280	16650	*14560	8110	10080	5110	6990	3570		5180	2670	9.25
	lb	*28840	*28840	*38100	36710	*32100	17880	22220	11270	15410	7870		11420	5890	(30.3)
-4.5 m (-15 ft)	kg	*16750	*16750	*20160	17050	*13580	8260	*9900	5190				*6130	3620	7.92
	lb	*36930	*36930	*44450	37590	*29940	18210	*21830	11440				*13510	7980	(26.0)

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

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook located on the back of the bucket.

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





# LIFTING CAPACITY

# HX300 L

Rating over-front Rating over-side or 360 degrees

## HX300 L HIGH WALKER

6.25 m (20' 6") boom; 2.50 m (8' 2") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

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)		Capacity	Reach		
													m (ft)	
7.5 m (25 ft)	kg													
	lb										*5190	*5190	8.53	
6.0 m (20 ft)	kg										*11440	*11440	(28.0)	
	lb										*5350	4370	9.31	
4.5 m (15 ft)	kg										*11790	9630	(30.5)	
	lb										*5560	3920	9.75	
3.0 m (10 ft)	kg										*12260	8640	(32.0)	
	lb										*5520	3720	9.91	
1.5 m (5 ft)	kg										12170	8200	(32.5)	
	lb										5550	3730	9.80	
Ground Line	kg										12240	8220	(32.2)	
	lb										5890	3960	9.42	
-1.5 m (-5 ft)	kg	*13120	*13120	*16490	*16490	*14720	12190	*10740	7700	*8240	5500	*6590	4520	8.71
	lb	*28920	*28920	*36350	*36350	*32450	26870	*23680	16980	18170	12130	*14530	9960	(28.6)
-3.0 m (-10 ft)	kg	*18380	*18380	*19430	*19430	*13680	12370	*10110	7790			*6690	5760	7.57
	lb	*40520	*40520	*42840	*42840	*30160	27270	*22290	17170			*14750	12700	(24.8)
-4.5 m (-15 ft)	kg			*15750	*15750	*11270	*11270							
	lb			*34720	*34720	*24850	*24850							

6.25 m (20' 6") boom; 3.05 m (10' 0") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach
7.5 m (25 ft)	kg													
	lb													
6.0 m (20 ft)	kg													
	lb													
4.5 m (15 ft)	kg													
	lb													
3.0 m (10 ft)	kg													
	lb													
1.5 m (5 ft)	kg													
	lb													
Ground Line	kg													
	lb													
-1.5 m (-5 ft)	kg	*11760	*11760	*15190	*15190	*14760	12020	*10630	7580	8120	5380			
	lb	*25930	*25930	*33490	*33490	*32540	26500	*23440	16710	17900	11860			
-3.0 m (-10 ft)	kg	*15750	*15750	*20440	*20440	*14070	12120	*10310	7610	*7790	5440			
	lb	*34720	*34720	*45060	*45060	*31020	26720	*22730	16780	*17170	11990			
-4.5 m (-15 ft)	kg	*20530	*20530	*17540	*17540	*12250	*12250	*8860	7850					
	lb	*45260	*45260	*38670	*38670	*27010	*27010	*19530	17310					

6.25 m (20' 6") boom; 3.75 m (12' 4") arm equipped with 1.27 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach
7.5 m (25 ft)	kg													
	lb													
6.0 m (20 ft)	kg													
	lb													
4.5 m (15 ft)	kg													
	lb													
3.0 m (10 ft)	kg													
	lb													
1.5 m (5 ft)	kg													
	lb													
Ground Line	kg													
	lb													
-1.5 m (-5 ft)	kg	*10490	*10490	*14210	*14210	*14650	11960	*10420	7530	*8020	5320	*5010	3990	9.98
	lb	*23130	*23130	*31330	*31330	*32300	26370	*22970	16600	*17680	11730	*11050	8800	(32.7)
-3.0 m (-10 ft)	kg	*13730	*13730	*18110	*18110	*14450	11950	*10460	7480	*7990	5290			
	lb	*30270	*30270	*39930	*39930	*31860	26350	*23060	16490	*17610	11660			
-4.5 m (-15 ft)	kg	*17530	*17530	*19590	*19590	*13260	12160	*9660	7600					
	lb	*38650	*38650	*43190	*43190	*29230	26810	*21300	16760					

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

2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The load point is a hook located on the back of the bucket.

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

ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
<b>HYDRAULIC SYSTEM</b>		
<b>Intelligent Power Control (IPC)</b>		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control	●	
<b>CABIN &amp; INTERIOR</b>		
<b>ISO Standard cabin</b>		
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	●	
<b>Automatic climate control</b>		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
<b>Centralized monitoring</b>		
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		●
<b>Seat</b>		
Adjustable air suspension seat with heater		●
<b>Cabin FOPS/FOG (ISO/DIS 10262) Level 2</b>		
FOPS (Falling Object Protective Structure) - ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
<b>Cabin ROPS (ISO 12117-2)</b>		
ROPS (Roll Over Protective Structure)	●	

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		●
Swing Lock System		●
Three outside rearview mirrors	●	
<b>OTHER</b>		
<b>Booms</b>		
6.25 m; 20' 6"	●	
10.2 m; 33' 6" Long reach		●
<b>Arms</b>		
2.1 m; 6' 11"		●
2.5 m; 8' 2"		●
3.05 m; 10' 0"	●	
3.75 m; 12' 4"		●
7.85 m; 25' 9" Long reach		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer	●	
Self-diagnostics system	●	
Hi-mate (Remote Management System)	●	
Batteries (2 x 12 V x 160 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		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
Tool kit		●
<b>UNDERCARRIAGE</b>		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
<b>Track shoes</b>		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●

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.