

Max Power 265HP(198KW) @ 2000rpm Travel Speed 5.0km/hr/3.1km/hr

Operating Weight 37200 kg





Marble Quarry





Iron Ore Mining



Stone Quarry

## RULE THE GROUND

HX380L

The HX Series exceeds customer's expectation! Become a true leader on the ground with HCE's HX Series.



- ·New Variable Power Control
- ·Fuel Rate Information (Option)
- ·IPC (Intelligent Power Control)
- ·Attachment Flow Control (Option)
- ·ECO Gauge
- ·New Cooling System with Increased Air Flow
- ·Enlarged Air Inlet with Grill Cover
- ·Cycle Time Improvement



·Durable Cooling Module

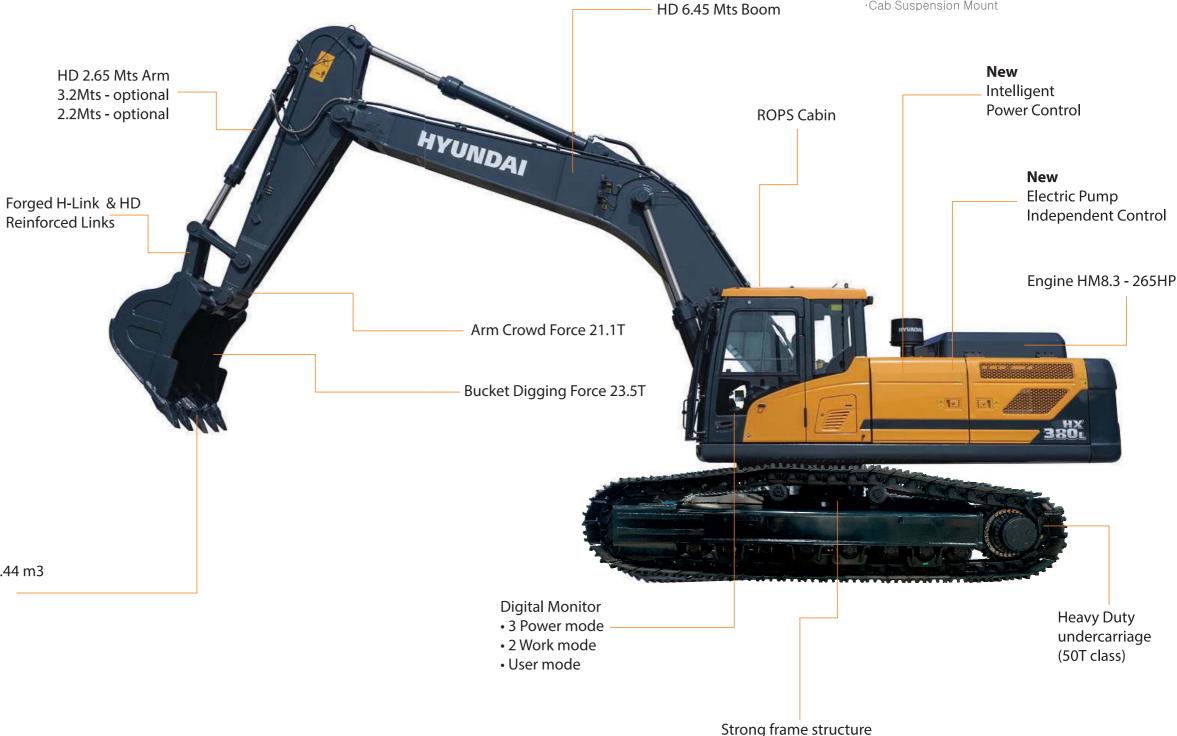
- ·Reinforced Pin, Bush, and Polymer Shim
- ·Reinforced Durability of Upper and Lower
- Structure and Attachments
- ·Wear Resistant Cover Plate
- ·Hi-grade (High-pressure) Hoses



Block Handling 1.44 m3 HD 1.62/1.8 m3 GP 2.1/2.3 m3

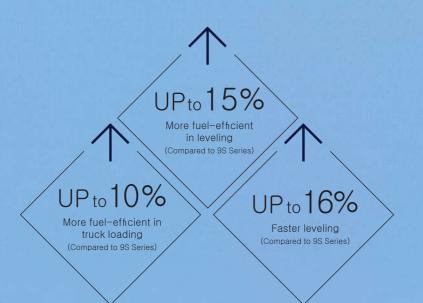


- ·Rear view Camera System (Option)
- ·Hi-mate (Remote Management System)
- ·Cab Suspension Mount



\*Photo may include optional equipment

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#### New Variable Power Control

The HX Series minimizes equipment input and output control signals to improves fuel efficiecy. Its three-stage power mode ensures the highest performance in any operating environment.



\* P(power) mode: Maximizes speed and power of the equipment for heavy load work.



\* S(standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work.



\* E(economy) mode: Improves the control system for light load work.

## WORK MAX, WORTH MAX

#### Fuel Efficient System, Allows Great Performance

The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

15% increased greater screen from 7 to 8 inch is applied in HX Series.

More funtions and better resolution are available with adding premium options.





#### IPC (Intelligent Power Control)

The IPC controls power depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.



#### Attachment Flow Control (Option)

The HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.





#### Eco Gauge

Eco gauge enables economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed is displayed.—Hourly and daily based fuel consumption can be checked in the detailed menu as well.



New Cooling System with Increased Air Flow

With the cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation.



#### Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

#### Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 10% faster and levels up to 16% faster than the 9S Series.

## MORE RELIABLE, MORE SUSTAINABLE

#### New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust frame structure and the attachments show the real value of the HX Series in tough working environments and promise higher productivity.



#### **Durable Cooling Module**

The HX Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.



#### Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series have higher durability than demanded on the site, as proven through numerous tests including load tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.



#### Reinforced Pin, Bush, and Polymer Shim

The HX Series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bush es, and polymer shims, supporting the highest performance with invariable durability.

#### Wear Resistant Cover Plate

A wear–resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Vibration reduction of buckets enables more stable operation even in high–load work.

#### Hi-grade (High-pressure) Hoses

The HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.





#### New Front Side Air-conditioning System

The ventilation is designed for both warm and cool air reaching to operators' faces. It could helps operators create more neat and enjoyable atmosphere through indoor air circulation.

## INFOTAINMENT **FRONTIER**

#### Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE's intensive information technology development, enables both productivity and comfort while working! The HX Series is designed with the operator in mind.



#### Intelligent and Wide Cluster

The8-inch interactive touch screen display of the HX Series is 15% larger than that of the previous model. The centralized switch es on the display allow the operator to check the temperature outside the cab.



air flow to driver's face, foot and body.

#### Wi-Fi Direct with Smart Phone (Miracast) (Option)

The smart terminal-miracast system uses the Wi-fi from the operator's smart phone to easily and conveniently enable features of the smart phone, such as navigating, surfing the web, watching videos, and listening to music, on the 8"screen. (Current ly only available for Android phones.)



#### Proportional Auxiliary Hydraulic System (Option)

Proportional control switch for better speed control ·Enlarge the operation convenience



#### Front Side Air-Vent

#### Quick Coupler Button (Option)

Easyattachmentreplacementofequipment is available with quick coupler button.

#### New Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access



Our Unique remote management system allows customers to access machine operating information & obtain service & maintenance alerts at the touch of a button,

#### **INCREASED PRODUCTIVITY**

HI MATE empowers you to enhance the efficiency of your operations. Make better decisions by comparing the machine's operating time with its travelling, idling & breaker use duration.

#### **CONVENIENT & EASY MONITORING**

Enjoy round the clock & on the move access to your machine's information through the website or the mobile app.





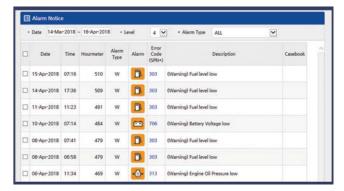
#### **PROACTIVE MAINTENANCE**

Access your machine's service & maintenance history with the utmost convenience. Plan your service schedules intelligently with our regular reminders.



#### **SECURITY & FLEET MONITORING**

Protect your machines from theft or unauthorized use. HI MATE's GPS feature allows you to create a geo-fence & alerts you if the machine moves out of the defined boundary.



#### **ALARMS**

Get notified of system alarms & protect your machine from critical faults & experience repairs.



**RECEIVE LIVE NOTIFICATION THROUGH** 

#### **HYUNDAI GENUINE PARTS**

Developed in synergy with our machines, Hyundai parts and lubricants ensure that you get the high levels of performance, reliability and safety that come with the complete Hyundai experience.

Enjoy the confidence and assurance of the most stringent testing procedures and the high quality manufacturing processes safeguarding your machine's health. Experience the versatility of our 200+ strong outlet network across India

Maximize profits and extend your machine's life.









#### **BENEFITS OF USING GENUINE HYUNDAI PARTS AND LUBRICANTS**

- Genuine Hyundai Parts meet strict specifications and standards in Chemistry, Microstructure and Tensile Strength.
- Benefit from the continuous improvements and advancements made by Hyundai's technical team
- Improved performance of hydraulics and engine components
- Enjoy greater productivity with higher uptime
- Higher resale values
- Reduced oil consumption and unexpected breakdowns
- Enhanced component life





### **SPECIFICATIONS**

ENGIN	E		
Maker / Model		HYUNDAI HM8.3	
Туре		Watercooled,4cyclediesel,6-cylinders in line, direct injection, turbocharged, charger air cooled, low emission	
Rated flywheel horse power	SAE J1995 (gross) J1349 (net)	250 HP (186kW) at 2,200 rpm 245 HP (183kW) at 2,200 rpm	
Max. Po	wer	265 HP (198kW) at 2,000 rpm	
Max. torque Bore × Stroke Piston displacement Batteries Starting motor Alternator		124 kgfm (899 lbfft) at 1,300 rpm	
		114 mm × 135 mm (4.49" × 5.31")	
		8,290 cc (506 cu in)	
		2 × 12 V × 160 Ah	
		24 V × 7.2 kW	
		24 V × 90 A	

Alternator	24 V × 90 A	
HYDRAULIC SYSTEM		
MAIN PUMP		
Туре	Variable displacement tandem axis piston pumps	
Max. flow 2×315 /ℓmin		
Sub-pump for pilot circuit	Gear pump	
Cross-sensing and fuel saving	g pump system.	
HYDRAULIC MOTORS		
Travel	Two speed axial pistons motor with brake valve and parking brake	

Axial piston motor with automatic brake

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Powerboost(boom,arm,bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing circuit	300 kgf/cm² (4,270 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS			
N. C. P. I	Boom: 2-Ø150×1,480 mm		
No. of cylinder bore X stroke	Arm:1-Ø170×1,685 mm		
bore X stroke	Bucket: 1-Ø140×1,285 mm		

DHIVES & BRAKES		
Fully hydrostatic type		
Axial piston motor, in-shoe design		
Planetary reduction gear		
32,011 kgf (70,572.17 lbf)		
5km/hr (3.1mph)/3.1km/hr(1.92mph)		
35° (70%)		
Multi wet disc		

30111132
Pilot pressure operated joysticks and pedals with detachable leve
provide almost effortless and fatigueless operation.

provide almost enortiess 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	11.2 rpm

COOLANT & LUBRICANT CAPACITY			
	liter		
Fuel tank	580		
Engine coolant	27		
Engine oil	26.5		
Swing device	6.0		
Final drive (each)	8.0 (7.8)		
Hydraulic system (including tank)	330		
Hydraulic tank	190		

#### **UNDERCARRIAGE**

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes 16.5mm track shoes 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	48 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	8 EA
No. of rail guard on each side	3 EA

#### OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,450 mm (21'2") boom, 2,650mm (8'7") arm, SAEheaped 1.44 m<sup>3</sup> (1.88 yd<sup>3</sup>) bucket, counter weight 6600 kg lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

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UPERAL	ווענא ו	VVEI(コロ )	

Shoes		Operating weight	Ground pressure
Туре	Width mm	kg	kgf/cm <sup>2</sup>
Triple grouser	600	37200 kg	0.71 kg/cm² (10.1 psi)

#### AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global warming potential: 1,430)

The system hold 0.8 kg refrigerant consisting of a CO<sub>2</sub> equivalent 1.14 kg metric tonne. For more information, please refer to the manual.

# BUCKET SELECTION GUIDE & DIGGING FORCE

#### BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m<sup>3</sup>







2.10 (GP) 2.3 (GP)

◆ 1.62 (HD) 1.8 (HD)

0	Capacity				Recommendation mm (ft·in)	Recommendation mm (ft·in)	Recommendation mm (ft·in)
Capacity m³ (yd³)		Width mm (in)	Weight kg (lb)	Tooth	6,450 (21' 2") Boom	6,450 (21' 2") Boom	6,450 (21' 2") Boom
SAE heaped	CECE heaped		Ng (ID)		2,650(8' 7") Arm	2200(7'2") Arm	3200 (10'4") Arm
2.10 (2.75)	1.80 (2.35)	1,823	1,650(3,640)	5		•	
□ 1.44(1.88)	1.25 (1.63)	1,278	1,485(3,270)	4	•		•
1.62(2.12)	1.40 (1.83)	1,540	1,570 (3,460)	5	•	•	
2.3	2.02	1,746	1,830 (4,034)	6			
♠ 1.8	1.6	1,556	1,722 (3,796)	5	•		

- Heavy duty bucket
- ☑ Rock-Heavy duty bucket [Granite / Marble Bucket]
- : Applicable for materials with density of 2,100 kgf/m³ (3,500 lbf/yd³) or less
- ■: Applicable for materials with density of 1,500 kgf/m³ (2,500 lbf/yd³) or less

#### ATTACHMENT

Boom and arm are welded with a low-stress, full-box section design. 6.45m Boom and 2.65m Arm

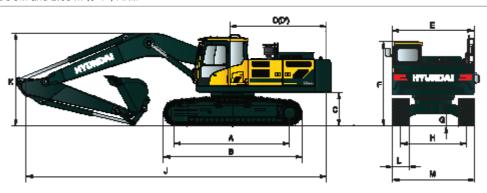
DIGGING FORCE				
Boom	Length	mm (ft·in)	6,450 (21' 2")	
ВООП	Weight	kg (lb)	3,030 (6,680)	Remark
Arm	Length	mm (ft·in)	2,650 (8' 7")	nemark
AIIII	Weight	kg (lb)	1,257.5 (2,771)	
		kN	187.3 [204.4]	
	SAE	kgf	19,100 [20,840]	
Bucket		lbf	42,110 [45,940]	
digging force		kN	215.7 [235.4]	
	ISO	kgf	21,600 [23,450]	
		lbf	48,500 [52,910]	[]: Power
		kN	175.5 [191.5]	Boost
	SAE	kgf	17,900 [19,530]	30000
Arm		lbf	39,460 [43,060]	
crowd force		kN	184.4 [201.1]	
	ISO	kgf	19,400 [21,100]	
		lbf	41,450 [45,220]	

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

## DIMENSIONS & WORKING RANGE

#### HX380L DIMENSIONS

6.45 m (21' 2"), BOOM and 2.65 m (8' 7") ARM

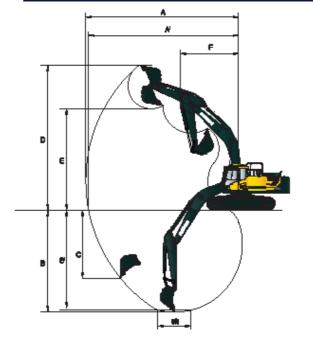


- 11	Init	٠	mm	(ftin)

A Tumbler distance 4,030 (13' 3"	)
B Overall length of crawler 4,940 (16' 2"	)
C Ground clearance of counterweight 1,200 (3' 11"	)
D Tail swing radius 3,570 (11' 9"	)
D' Rear-end length 3,510 (11'6"	)
E Overall width of upperstructure 2,980 (9' 9")	
F Overall height of cab 3,160 (10'4"	)

G	Min. ground clearance	500 (1' 8")
Н	Track gauge	2,590 (8' 5")
J	Overall length	11,340 (37' 2")
K	Overall height of boom	3,760 (12' 3")
L	Track shoe width	600 (24")
М	Overall width HX360L	3,190 (10' 5")

#### HX380L WORKING RANGE



		Unit: mm (ftin)
А	Max. digging reach	10,710 (35' 1")
A'	Max. digging reach on ground	10,580 (34' 7")
В	Max. digging depth	6,820 (22' 4")
В	Max. digging depth (8' level)	6,650 (21' 8")
С	Max. vertical wall digging depth	6,320 (20' 7")
D	Max. digging height	10,190 (33' 4")
Е	Max. dumping height	7,120 (23' 4")
F	Min. swing radius	4,620 (15' 2")

14 13 14

## LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

#### HX380L

6.45 m (21' 2") boom, 2.65 m (8' 7") arm equipped with 600 mm (24") triple grouser shoe and 6.600 kg (13230 lb) counterweight

						Load	d radius					At max. reach		
Load p			(9.8 ft)		14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	9.0 (29	9.5ft)	Capa	acity	Reach
m (fi		ð	45)	ð	45)	ð	<b>₽</b>	ð	<b>₽</b>	Ð	+50	Ð	<b>₽</b>	m (ft)
7.5m	kg											*6990	*6990	7.20
24.6ft	lb											*15410	*15410	(23.6)
6.0m	kg							*7110	6400			*7050	5480	8.13
19.7ft	lb							*15670	14110			*15540	12080	(26.7)
4.5m	kg			*11190	*11190	*8840	*8840	*7690	6140			*7230	4680	8.71
14.8ft	lb			*24670	*24670	*19490	*19490	*16950	13540			*15940	10320	(28.6)
3.0m	kg			*14550	12910	*10410	8310	*8490	5820	6750	4250	6750	4250	9.00
9.8ft	lb			*32080	28460	*22950	18320	*18720	12830	14880	9370	14880	9370	(29.5)
1.5m	kg			*16970	11930	*11810	7770	8840	5520	6590	4110	6560	4080	9.03
4.9ft	lb			*37410	26300	*26040	17130	19490	12170	14530	9060	14460	8990	(29.6)
0.0m	kg			*17790	11570	12290	7450	8620	5320			6720	4160	8.80
0.0ft	lb			*39220	25510	27090	16420	19000	11730			14820	9170	(28.9)
-1.5m	kg	*15040	*15040	*17480	11540	12160	7330	8530	5240			7330	4520	8.29
-4.9ft	lb	*33160	*33160	*38540	25440	26810	16160	18810	11550			16160	9960	(27.2)
-3.0m	kg	*22610	*22610	*16230	11720	*12130	7410					8720	5390	7.45
<b>-</b> 9.8ft	lb	*49850	*49850	*35780	25840	*26740	16340					19220	11880	(24.4)
-4.5m	kg	*18600	*18600	*13680	12130	*10110	7720					*9830	7500	6.12
-14.8ft	lb	*41010	*41010	*30160	26740	*22290	17020					*21670	16530	(20.1)

1						Load	d radius					At	At max. reach		
Load p		3.0 m	(9.8 ft)	4.5 m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	9.0 (29	9.5ft)	Capa	city	Reach	
m (f		ď	45)		₩	ď	<b>₽</b>	ď	<b>₽</b>	ď	<b>₽</b>	<b>P</b>	₩	m (ft)	
7.5m	kg											*8510	7720	7.09	
24.6ft	lb											*18760	17020	(23.3)	
6.0m	kg					*9010	*9010	*8450	6970			*8440	6190	8.04	
19.7ft	lb					*19860	*19860	*18630	15370			*18610	13650	(26.4)	
4.5m	kg			13210	*13210	*10310	9540	*8970	6780			8070	5400	8.62	
14.8ft	lb			*29120	*29120	*22730	21030	*19780	14950			17790	11900	(28.3)	
3.0m	kg					*11880	9000	*9740	6510			7530	5010	8.92	
9.8ft	lb					*26190	19840	*21470	14350			16600	11050	(29.3)	
1.5m	kg					*13180	8570	9580	6280			7380	4880	8.95	
4.9ft	lb					*29060	18890	21120	13850			16270	10760	(29.3)	
0.0m	kg			*18160	12660	13180	8330	9420	6130			7600	5000	8.71	
0.0ft	lb			*40040	27910	29060	18360	20770	13510			16760	11020	(28.6)	
-1.5m	kg	*12520	*12520	*18300	12700	13110	8270	9380	6090			8280	5430	8.20	
-4.9ft	lb	*27600	*27600	*40340	28000	28900	18230	20680	13430			18250	11970	(26.9)	
-3.0m	kg	*22130	*22130	*16700	12900	*12760	8380					9820	6400	7.34	
<b>-</b> 9.8ft	<b>l</b> b	*48790	*48790	*36820	28440	*28130	18470					21650	14110	(24.1)	
<b>-</b> 4.5m	kg			*13570	13310							*9870	8760	5.99	
-14.8ft	lb			*29920	29340							*21760	19310	(19.7)	

## LIFTING CAPACITY

#### LIFTING CHART (ISO CONDITION1)

6.45 m (21' 2") boom, 3.2 m (10'4") arm equipped with 600 mm (24") triple grouser shoe and 6.600 kg (13230 lb) counterweight

						Load	d radius					A:	t max. reac	ch
Load p			(9.8 ft)		(14.8 ft)	6.0 m (	19.7 ft)		24.6 ft)	9.0 (29	9.5ft)	Capa	acity	Reach
m (ft		ð	45)	ď	45)	ð	<b>₽</b>	ď	<b>₽</b>	ð	+50	ď	<b>₽</b>	m (ft)
7.5m	kg							*6300	*6300			*4910	*4910	7.88
24.6ft	lb							*13890	*13890			*10820	*10820	(25.9)
6.0m	kg							*6530	*6530			*4850	*4850	8.75
19.7ft	lb							*14400	*14400			*10690	*10690	(28.7)
4.5m	kg					*8150	*8150	*7200	6290	*6570	4500	*4990	4230	9.28
14.8ft	lb					*17970	*17970	*15870	13870	*14480	9920	*11000	9330	(30.5)
3.0m	kg			*13430	*13430	*9830	8560	*8100	5960	6840	4330	*5320	3870	9.56
9.8ft	lb			*29610	*29610	*21670	18870	*17860	13140	15080	9550	*11730	8530	(31.4)
1.5m	kg			*16300	12370	*11410	7990	8970	5640	6660	4170	*5870	3730	9.58
4.9ft	lb			*35940	27270	*25150	17610	19780	12430	14680	9190	*12940	8220	(31.4)
0.0m	kg	*8690	*8690	*17710	11820	12470	7600	8710	5400	6520	4040	6120	3780	9.37
0.0ft	lb	*19160	*19160	*39040	26060	27490	16760	19200	11900	14370	8910	13490	8330	(30.7)
-1.5m	kg	*13540	*13540	*17870	11670	12260	7420	8570	5280			6590	4070	8.89
-4.9ft	lb	*29850	*29850	*39400	25730	27030	16360	18890	11640			14530	8970	(29.2)
-3.0m	kg	*19290	*19290	*17020	11760	12260	7430	8580	5290			7620	4720	8.11
-9.8ft	lb	*42530	*42530	*37520	25930	27030	16380	18920	11660			16800	10410	(26.6)
<b>-</b> 4.5m	kg	*21120	*21120	*15000	12050	*11130	7620					*9200	6170	6.92
-14.8ft	lb	*46560	*46560	*33070	26570	*24540	16800					*20280	13600	(22.7)
-6.0m	kg			*10840	*10840							*9590	*9590	5.01
<b>-</b> 19.7ft	lb			*23900	*23900							*21140	*21140	(16.4)

#### LIFTING CHART (ISO CONDITION1)

1		Load radius									At	h		
Load p			(9.8 ft)		14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	9.0 (29	9.5ft)	Capa	acity	Reach
m (ft		ď	₩	ď	₩	ď	45)	<b>b</b>	₩	ď	<b>₽</b>	<b>b</b>	₩	m (ft)
7.5m	kg							*7750	7210			*6630	*6630	7.74
24.6ft	lb							*17090	15900			*14620	*14620	(25.4)
6.0m	kg							*7860	7140			*6420	5620	8.62
19.7ft	lb							*17330	15740			*14150	12390	(28.3)
4.5m	kg			*11980	*11980	*9650	*9650	*8500	6930	7650	5150	*6450	4990	9.17
14.8ft	lb			*26410	*26410	*21270	*21270	*18740	15280	16870	11350	*14220	11000	(30.1)
3.0m	kg			*15520	14090	*11340	9250	*9380	6660	7520	5030	*6690	4660	9.44
9.8ft	lb			*34220	31060	*25000	20390	*20680	14680	16580	11090	*14750	10270	(31.0)
1.5m	kg			*18140	13210	*12840	8770	9710	6400	7390	4910	6840	4540	9.47
4.9ft	lb			*39990	29120	*28310	19330	21410	14110	16290	10820	15080	10010	(31.1)
0.0m	kg			*19100	12840	13340	8470	9510	6210	7290	4820	7010	4630	9.25
0.0ft	lb			*42110	28310	29410	18670	20970	13690	16070	10630	15450	10210	(30.4)
-1.5m	kg	*12280	*12280	*18880	12780	13200	8360	9420	6130			7540	4970	8.77
<b>-</b> 4.9ft	lb	*27070	*27070	*41620	28180	29100	18430	20770	13510			16620	10960	(28.8)
-3.0m	kg	*19800	*19800	*17670	12910	13250	8400	9470	6180			8700	5710	7.98
-9.8ft	lb	*43650	*43650	*38960	28460	29210	18520	20880	13620			19180	12590	(26.2)
<b>-</b> 4.5m	kg	*20570	*20570	*15170	13220	*11400	8620					*9590	7350	6.76
-14.8ft	lb	*45350	*45350	*33440	29150	*25130	19000					*21140	16200	(22.2)
-6.0m	kg													
<b>-</b> 19.7ft	lb													

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## LIFTING CAPACITY

### LIFTING CHART (ISO CONDITION1)

6.45 m (21' 2") boom, 2.2 m (7'2") arm equipped with 600 mm (24") triple grouser shoe and 6.600kg (13230 lb) counterweight

1 1						Loa	d radius			At	max. read	h
Load p		3.0 m	(9.8 ft)	4. <u>5</u> m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Capa	city	Reach
m (ft		Ð	4			ð	45)	ð	<b>₽</b>	ð	45)	m (ft)
7.5m	kg									*7740	7480	6.94
24.6ft	<b>l</b> b									*17060	16490	(22.8)
6.0m	kg					*8300	*8300	*7740	6420	*7710	5810	7.91
19.7ft	lb					*18300	*18300	*17060	14150	*17000	12810	(25.9)
4.5m	kg			*12400	*12400	*9570	8960	*8250	6200	7700	4960	8.50
14.8ft	<b>l</b> b			*27340	*27340	*21100	19750	*18190	13670	16980	10930	(27.9)
3.0m	kg					*11100	8370	*9010	5920	7120	4530	8.80
9.8ft	lb					*24470	18450	*19860	13050	15700	9990	(28.9)
1.5m	kg					*12380	7900	8980	5660	6940	4380	8.83
4.9ft	<b>l</b> b					*27290	17420	19800	12480	15300	9660	(29.0)
0.0m	kg			*18100	11850	12490	7650	8800	5500	7150	4490	8.59
0.0ft	lb			*39900	26120	27540	16870	19400	12130	15760	9900	(28.2)
-1.5m	kg			*17460	11900	12420	7590	8760	5470	7860	4930	8.07
-4.9ft	lb			*38490	26230	27380	16730	19310	12060	17330	10870	(26.5)
-3.0m	kg	*13840	*13840	*15900	12130	*12020	7710			9470	5940	7.20
-9.8ft	<b>I</b> b	*30510	*30510	*35050	26740	*26500	17000			20880	13100	(23.6)
<b>-</b> 4.5m	kg	*21290	*21290	*12860	12590					*9720	8480	5.81
-14.8ft	lb	*46940	*46940	*28350	27760					*21430	18700	(19.1)

#### LIFTING CHART (ISO CONDITION1)

1 1						Load	d radius			At max. reach			
Load p		3.0 m	(9.8 ft)	4.5 m (	14.8 ft)	6.0 m (	19.7 ft)	7.5 m (	24.6 ft)	Capa	acity	Reach	
m (ft		ď	<b>₽</b>	<b>₽</b> - <del>5</del>		b	₽	ď	<b>-</b>	ď	<b>₽</b>	m (ft)	
7.5m	kg					*9270	*9270			*9410	8410	6.71	
24.6ft	lb					*20440	*20440			*20750	18540	(22.0)	
6.0m	kg					*9770	*9770	*9170	6980	*9210	6650	7.71	
19.7ft	<b>l</b> b					*21540	*21540	*20220	15390	*20300	14660	(25.3)	
4.5m	kg					*11050	9550	*9550	6830	8600	5790	8.32	
14.8ft	lb					*24360	21050	*21050	15060	18960	12760	(27.3)	
3.0m	kg					*12560	9060	9930	6610	8020	5370	8.62	
9.8ft	lb					*27690	19970	21890	14570	17680	11840	(28.3)	
1.5m	kg					13580	8700	9710	6410	7880	5250	8.65	
4.9ft	<b>l</b> b					29940	19180	21410	14130	17370	11570	(28.4)	
0.0m	kg					13380	8530	9580	6300	8150	5420	8.41	
0.0ft	lb					29500	18810	21120	13890	17970	11950	(27.6)	
-1.5m	kg			*18050	13070	13360	8520	9590	6310	8980	5940	7.88	
-4.9ft	<b>l</b> b			*39790	28810	29450	18780	21140	13910	19800	13100	(25.8)	
-3.0m	kg	*20300	*20300	*16130	13290	*12440	8670			*10070	7120	6.98	
-9.8ft	lb	*44750	*44750	*35560	29300	*27430	19110			*22200	15700	(22.9)	
<b>-</b> 4.5m	kg			*12300	*12300					*9490	*9490	5.54	
-14.8ft	lb			*27120	*27120					*20920	*20920	(18.2)	

ENGINE	STD OPT
Hyundai HM8.3 Engine	•
HYDRAULIC SYSTEM	STD OPT
Intelligent Power Control (IPC)	
3-power mode, 2-work mode, user mode	•
Variable power control	
Pump flow control	•
Engine auto idle	•

CAB & INTERIOR	STD OP
ISO Standard Cabin	
Rise-up type windshield wiper	•
Radio / USB player	•
Handsfree mobile phone system with USB	•
12 V power outlet (24 V DC to 12 V 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	•
Sun visor	•
Door and cab locks, one key	•
Pilot-operated slidable joystick	•
Cabin lights	•
Automatic Climate Control	
Air conditioner & Heater	•
Defroster	•
Starting aid (air grid heater) for cold weather	•
Centralized Monitoring	
8" LCD display - Normal type	•
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	•
Seat	
Mechanical suspension without heater	•
Cabin FOPS	-
FOG (Falling object guard) Front & Tops guard ISO 10262 Level 2 Top guard	
1.02.300.0	
Cabin ROPS	

SAFETY	STD	OPT
Battery master switch	•	
Rearview camera		•
Six front working lights (4 boom mounted, 2 front frame mounted)	•	
Travel alarm	•	
Rear work lamp	•	
Automatic swing brake	•	
Boom holding system	•	
Arm holding system	•	
Two outside rearview mirror	•	
Safety lock valve for boom cylinder		•
Safety lock valve for Arm cylinder		•
Automatic fire supression		•

OTHER	STD	OPT
Booms		
6.45 m, 21' 2" Mono	•	
Arms		
2.65 m, 8'7"	•	
3.2 m, 10'4", 2.2 m, 7'2"		•
Removable clean-out dust net for cooler	•	
Removable washer tank	•	
Fuel pre-filter	•	
Self-diagnostics system	•	
Hi-mate (Remote management system)	•	
Batteries (2 × 12 V × 160 AH)	•	
Fuel filler pump (50 ℓmin)	•	
Single-acting piping kit (Breaker, etc.)	•	
Accumulator for lowering work equipment	•	
Tool kit	•	
Centralized lubrication system		•

UNDERCARRIAGE	STD	OPT
Lower frame under cover (Normal)	•	
Track Shoes		
Triple grousers shoes (600 mm, 24")	•	

#### STANDARD / OPTION LIST

- \* 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.



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