HD HYUNDAI CONSTRUCTION EQUIPMENT

HW170ACR SPECIFICATIONS

ENGINE Maker / Model CUMMINS/B4.5 4 cylinder, water cooled, 4-cycle, turbocharged charge air cooled, direct Type injection, electronic controlled diesel engine. Gross Power 173 hp (129 kW) at 2,200 rpm 170 hp (127 kW) at 2,200 rpm NetPower Max. Power 173 hp (129 kW) at 2,200 rpm Peak Torque 575 lb ft (780 Nm) at 1,500 rpm Displacement 275 in³ (4.5ℓ)

HYDRAULIC SYSTEM

MAIN PUMP	
Туре	Piston pump
Maximum flow	68.7 gpm (260 ℓ/min) at 1,800 rpm
AUX PUMP	
Туре	Piston pump
Maximum flow	15.9 gpm (60 l/min)
* Load Sensing—Variable displacem	ent pump: LUDV (load independent flow sharing)

Load Sensing-Variable displacement pump: LUDV (load independent flow sharing)

HYDRAULIC MOTORS			
Travel		Bent-axis pistons motor	
Swing		Radial Piston Motor	
RELIEF VAL	VE SETTING		
Implement	t circuits	4,970 psi (350 kgf/cm ²)	
Travel		5,400 psi (380 kgf/cm ²)	
Power boost (boom, arm, bucket)		5,400 psi (380 kgf/cm²)	
Pilot circuit		500 psi (35 kgf/cm ²)	
Service val	Ve	Installed	
HYDRAULI	CCYLINDERS		
	Arm	1-5" × 4' 1" (120 × 1,235 mm)	
No. of	Bucket	1-4" × 3' 3" (105 × 995 mm)	
cylinder-	Blade	2-4" × 9" (110 × 235 mm)	
bore ×	Outrigger	2-5" × 1' 5" (125 × 463 mm)	
stroke	2-piece boom	2-4" × 3' 3" (110 × 992 mm)	
	Adjust (boom)	1-6" × 2' 0"(160 × 624 mm)	

* Hyundai Bio Hydraulic Oil (HBHO) available

DRIVES & BRAKES

4-wheel hydrostatic drive. Constant mesh, helical gear transmission provides 2 forward and reverse travel speeds.

Max. drav	vbar pull	23,636 lbf (10,720 kgf)
Trevel	1st	5.9 mph (9.5 km/h)
Travel speed	2nd (Standard)	21.7 mph (35 km/h)
speed	2nd (Option)	12.4 mph (20 km/h)
Gradeability		30°

Service Brake :

- Independent dual brake, front and rear axle full hydraulic power brake. Spring released and hydraulic applied wet type multiple disc brake. Parking Brake:

- Spring applied and hydraulic released wet disc brake type in transmission.

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)
Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom, one under the battery box and one under the cabin

Net Power

170 hp (127 kW) at 2,200 rpm

Bucket Capacity $0.37 \text{ yd}^3 (0.28 \text{ m}^3)$ **Operating Weight** 41,490-44,180 lbf (18,820-20,040 kg)

AXLE & WHEEL

Full floating front axle is supported by center pin for oscillation. It can be locked by oscillation lock cylinders. Rear axle is fixed on the lower chassis. Standard 10.00-20-14PR, Dual (tube type) 10.00-20. Dual (solid type) Tires

 Optional	10.00 20, 2001 (00110 03900)
Optional	10.00-20-16PR, Dual (tube type)

STEERING SYSTEM

Hydraulically actuated, Orbitrol type steering system actuates on front wheels through the steering cylinders.

Min. turning radius 20' 8" (6,300 mm)

SWING SYSTEM Fixed displacement Radial piston motor Swing motor Swing bearing lubrication Grease-bathed Swing brake Multi wet disc Swing speed 9.3 rpm

COOLANT & LUBRICANT CAPACITY				
Fueltank			52.8 (200)	
Engine coolan	t		5.2 (19.5)	
Engine oil			2.9 (11)	
Swing device	Standard		1.64 (6.2)	
gearoil	Option		1.3 (5.0)	
Swing device ((option)	grease	apl (1)	0.32 (1.2)	
Front		gal(ℓ)	4.09 (15.5)	
Axle Rear		-	4.62 (17.5)	
Transmission			0.7 (2.5)	
Hydraulic system (including tank)			49.4 (187)	
Hydraulic tank			27.2 (103)	
DEF/AdBlue®			7.1 (27)	

UNDERCARRIAGE

Reinforced box-section frame is all-welded, low-stress.

Dozer blade and outriggers are available. A pin-on design.		
Dozer blade A very useful addition for leveling a filling or clean-up work.		
Outrigger	Indicated for max. operation stability when digging and lifting. Can be mounted on the front/or the rear.	

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 16' 5" (5,000 mm) 2-piece boom, 8' 0' (2,450 mm) arm, SAE heaped 0.91 yd³ (0.70 m³) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

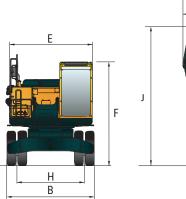
Rear dozer blade	41,490 lb (18,820 kg)
Rear outrigger	42,090 lb (19,090 kg)
Front outrigger and rear blade	44,180 lb (20,040 kg)
Front blade and rear outrigger	44,180 lb (20,040 kg)

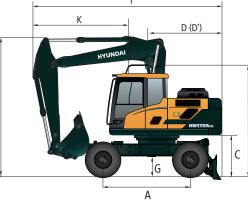
AIR CONDITIONING SYSTEM

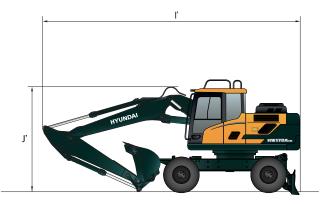
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential: 1,430)

The system hold 0.65 kg refrigerant consisting of a CO₂ equivalent of 0.93 metric tons. For more information, please refer to the manual.

HW170ACR DIMENSIONS AND WORKING RANGE



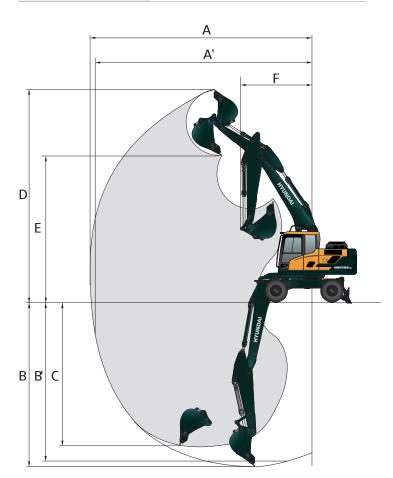




DIMENSIONS			Units: ft in (mm)	
А	Wheel base		8'6" (2,600)	
в	Overall width	Standard	8' 4" (2,530)	
Б		Wide axle	8' 10" (2,700)	
С	Ground clearanc	e of counterweight	4' 2" (1,265)	
D	Rear-end distance		6'0" (1,830)	
D'	Rear-end swing radius		6' 0" (1,830)	
Е	Upperstructure width		8'6" (2,500)	
F	Overall height of cab		10' 7" (3,220)	
G	Min. ground clearance		1' 1" (340)	
Н	Tread		6' 5" (1,944)	
L	Overall height of guardrail		10' 9" (3,275)	

DI	DIMENSIONS Units: ft in (mm)				
	2-piece boom length		16' 5" (5,000)		
	Arm length	6'7" (2,000)	8'0" (2,450)	8'6" (2,600)	
I	Overall length (Traveling position)	19' 3" (5,880)	19' 2" (5,850)	19'0" (5,790)	
ľ	Overall length (Shipping position)	25' 11" (7,900)	25' 9" (7,860)	25' 8" (7,820)	
J	Overall height of boom (Traveling position)	12' 11" (3,940)	12' 11" (3,940)	13'0" (3,960)	
J'	Overall height of boom (Shipping position)	9' 8" (2,940)	9'7" (2,900)	10' 7" (3,150)	
К	End of attachment to steering wheel	10' 0" (3,050)	9' 11" (3,030)	9'9" (2,960)	

W	WORKING RANGE Units: ft in (mm)			
	2-piece boom length		16' 5" (5,000)	
	Arm length	6' 7" (2,000)	8' 0" (2,450)	8' 6" (2,600)
А	Max. digging reach	27' 10" (8,490)	29' 4" (8,950)	29' 7" (9,020)
A'	Max. digging reach on ground	27' 2" (8,280)	28' 8" (8,750)	28' 11" (8,820)
В	Max. digging depth	16' 4" (4,980)	17' 10" (5,440)	18' 3" (5,565)
Β′	Max. digging depth (8' level)	16' 0" (4,870)	17' 6" (5,340)	17' 11" (5,460)
С	Max. vertical wall digging depth	13' 7" (4,150)	15' 4" (4,680)	15' 4" (4,680)
D	Max. digging height	30'9" (9,370)	32' 1" (9,785)	31' 9" (9,680)
Е	Max. dumping height	21' 10" (6,660)	23' 2" (7,060)	22' 11" (6,980)
F	Min. swing radius	11' 1" (3,380)	10' 0" (3,040)	11' 6" (3,500)



HW170ACR LIFTING CAPACITY

16'5" (5.0 m) 2-piece boom, equipped with 9,259 lb (4,200 kg) counter weight

Rating over front. - Rating over side or 360 degree

				Lift-point I	radius			Atm	naximum reach	
Lift-point height ft (m)		9.8 ft (3.0 m)		14.8 ft (4.	5 m)	19.7 ft (6.0 m)		Capacit	<u>zy</u>	Reach
		þ	-60	Ð	-FD	ť	- F D	ŀ	-60	ft (m)
24.6 ft								*10,560	*10,560	13.8
(7.5 m)	-							*(4,790)	*(4,790)	(4.19)
19.7 ft				*9,500	*9,500			*9,680	6,440	18.9
(6.0 m)				*(4,310)	*(4,310)			*(4,390)	(2,920)	(5.75)
14.8 ft				*10,870	9,300	*9,590	5,950	8,820	5,050	21.7
(4.5 m)	-			*(4,930)	(4,220)	*(4,350)	(2,700)	(4,000)	(2,290)	(6.60)
9.8 ft	lb (kg)			*13,380	8,600	10,050	5,710	7,870	4,450	23.1
(3.0 m)	ID (Kg)			*(6,070)	(3,900)	(4,560)	(2,590)	(3,570)	(2,020)	(7.03)
4.9 ft				14,930	7,980	9,770	5,420	7,610	4,250	23.4
(1.5 m)	-			(6,770)	(3,620)	(4,430)	(2,460)	(3,450)	(1,930)	(7.12)
0.0 ft				14,620	7,720	9,570	5,270	7,940	4,410	22.5
(0.0 m)				(6,630)	(3,500)	(4,340)	(2,390)	(3,600)	(2,000)	(6.87)
-4.9 ft		*20,900	14,110	14,620	7,740	9,610	5,290	9,130	5,050	20.5
(-1.5 m)		*(9,480)	(6,400)	(6,630)	(3,510)	(4,360)	(2,400)	(4,140)	(2,290)	(6.24)

8'0" (2.45 m) ARM, REAR DOZER UP

					Lift-poin	t radius				At maximum reach		
Lift-point height ft (m)		9.8 ft (3	.0 m)	14.8 ft (4.5 m)		19.7 ft (6.0 m)		24.6 ft (1	7.5 m)	Сарас	city	Reach
		4	-60	þ	-60	4	-6	þ	-60	ŀ	-	ft (m)
24.6 ft				*8,910	*8,910					*7,230	*7,230	16.2
(7.5 m)				*(4,040)	*(4,040)					*(3,280)	*(3,280)	(4.95)
19.7 ft				*8,420	*8,420	*8,600	6,110			*6,130	5,530	20.7
(6.0 m)				*(3,820)	*(3,820)	*(3,900)	(2,770)			*(2,780)	(2,510)	(6.31)
14.8 ft				*9,850	9,460	*8,840	6,020			*5,730	4,480	23.3
(4.5 m)				*(4,470)	(4,290)	*(4,010)	(2,730)			*(2,600)	(2,030)	(7.10)
9.8 ft				*12,410	8,710	*9,880	5,710	*5,750	3,990	*5,710	3,990	24.6
(3.0 m)	lb (kg)			*(5,630)	(3,950)	*(4,480)	(2,590)	*(2,610)	(1,810)	*(2,590)	(1,810)	(7.50)
4.9 ft	ID (KY)			*14,930	8,020	9,740	5,400	7,010	3,880	*5,950	3,810	24.9
(1.5 m)				*(6,770)	(3,640)	(4,420)	(2,450)	(3,180)	(1,760)	*(2,700)	(1,730)	(7.58)
0.0 ft				14,550	7,650	9,500	5,180			*6,570	3,950	24.1
(0.0 m)				(6,600)	(3,470)	(4,310)	(2,350)			*(2,980)	(1,790)	(7.35)
-4.9 ft		*20,080	13,800	14,460	7,560	9,440	5,140			*7,780	4,430	22.2
(-1.5 m)		*(9,110)	(6,260)	(6,560)	(3,430)	(4,280)	(2,330)			*(3,530)	(2,010)	(6.77)
-9.8 ft				*14,070	7,760							
(-3.0 m)				*(6,380)	(3,520)							

8'6" (2.6 m) ARM, REAR DOZER UP

					Lift-poin [*]	t radius				At maximum reach		
Lift-point height ft (m)		9.8 ft (3	8.0 m)	14.8 ft (4	4.5 m)	19.7 ft (6	6.0 m)	24.6 ft (7.5 m)		Capad	city	Reach
		Ь	-60	ŀ	-60	ĥ	-60	ę.	-60	þ	-60	ft (m)
24.6 ft			l	*8,400	*8,400					*7,670	*7,670	16.9
(7.5 m)				*(3,810)	*(3,810)					*(3,480)	*(3,480)	(5.15)
19.7 ft				*8,070	*8,070	*8,250	6,150			*6,590	5,340	21.2
(6.0 m)	_			*(3,660)	*(3,660)	*(3,740)	(2,790)			*(2,990)	(2,420)	(6.47)
14.8 ft				*9,500	*9,500	*8,600	6,040			*6,240	4,340	23.7
(4.5 m)				*(4,310)	*(4,310)	*(3,900)	(2,740)			*(2,830)	(1,970)	(7.24)
9.8 ft				*12,080	8,750	*9,680	5,730	7,120	3,990	*6,220	3,860	25.0
(3.0 m)	lb (kg)			*(5,480)	(3,970)	*(4.390)	(2,600)	(3,230)	(1,810)	*(2,820)	(1,750)	(7.63)
4.9 ft	ib (kg) -			*14,680	8,020	9,740	5,400	6,990	3,880	*6,500	3,700	25.3
(1.5 m)				*(6,660)	(3,640)	(4,420)	(2,450)	(3,170)	(1,760)	*(2,950)	(1,680)	(7.71)
0.0 ft				14,530	7,630	9,480	5,160			6,940	3,810	24.5
(0.0 m)	_			(6,590)	(3,460)	(4,300)	(2,340)			(3,150)	(1,730)	(7.48)
-4.9 ft		*19,580	13,690	14,420	7,520	9,410	5,090			7,760	4,250	22.7
(-1.5 m)		*(8,880)	(6,210)	(6,540)	(3,410)	(4,270)	(2,310)			(3,520)	(1,930)	(6.91)
-9.8 ft				*14,350	7,690							
-3.0 m)				*(6,510)	(3,490)							

1. Lifting capacities are based on ISO 10567.

2. Lifting capacity of the HW-A 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.

5. Caution: please be aware of the local regulations and instructions for lifting operations.

HW170ACR LIFTING CAPACITY

16' 5" (5.0 m) 2-piece boom, equipped with 9,259 lb (4,200 kg) counter weight

Rating over front. - Rating over side or 360 degree

				Lift-point i	radius			Atn	naximum reach	
Lift-point height		9.8 ft (3.0 m)		14.8 ft (4.	.5 m)	19.7 ft (6.0 m)		Capacity		Reach
ft (m)		þ	-50	þ	-63	ĥ	-FD	þ	-FD	ft (m)
24.6 ft			1					*10,560	*10,560	13.8
(7.5 m)								*(4,790)	*(4,790)	(4.19)
19.7 ft				*9,500	*9,500			*9,680	7,140	18.9
(6.0 m)				*(4,310)	*(4,310)			*(4,390)	(3,240)	(5.75)
14.8 ft				*10,870	10,320	*9,590	6,610	8,820	5,620	21.7
(4.5 m)				*(4,930)	(4,680)	*(4,350)	(3,000)	(4,000)	(2,550)	(6.60)
9.8 ft	lb (kg)			*13,380	9,590	10,050	6,350	7,870	4,960	23.1
(3.0 m)	ib (kg) –			*(6,070)	(4,350)	(4,560)	(2,880)	(3,570)	(2,250)	(7.03)
4.9 ft				14,930	8,970	9,770	6,060	7,610	4,760	23.4
(1.5 m)				(6,770)	(4,070)	(4,430)	(2,750)	(3,450)	(2,160)	(7.12)
0.0 ft				14,620	8,690	9,570	5,910	7,940	4,940	22.5
(0.0 m)				(6,630)	(3,940)	(4,340)	(2,680)	(3,600)	(2,240)	(6.87)
-4.9 ft		*20,900	16,140	14,620	8,710	9,610	5,930	9,130	5,670	20.5
(-1.5 m)		*(9,480)	(7,320)	(6,630)	(3,950)	(4,360)	(2,690)	(4,140)	(2,570)	(6.24)

8'0" (2.45 m) ARM, REAR DOZER DOWN

					Lift-poin [*]	t radius				At maximum reach		
Lift-point height ft (m)		9.8 ft (3.0 m)		14.8 ft (4	4.5 m)	19.7 ft (6	6.0 m)	24.6 ft (1	7.5 m)	Capad	city	Reach
		4	-60	Ð	-5	ĥ	-60	ф	-60	ħ	-5	ft (m)
24.6 ft				*8,860	*8,860					*6,080	*6,080	16.2
(7.5 m)				*(4,020)	*(4,020)					*(2,760)	*(2,760)	(4.95)
19.7 ft				*8,420	*8,420	*7,830	6,770			*5,140	*5,140	20.7
(6.0 m)				*(3,820)	*(3,820)	*(3,550)	(3,070)			*(2,330)	*(2,330)	(6.31)
14.8 ft	_			*9,850	*9,850	*8,840	6,660			*4,810	*4,810	23.3
(4.5 m)				*(4,470)	*(4,470)	*(4,010)	(3,020)			*(2,180)	*(2,180)	(7.10)
9.8 ft				*12,410	9,720	*9,880	6,350	*4,810	4,450	*4,760	4,450	24.6
(3.0 m)	lb (kg)			*(5,630)	(4,410)	*(4,480)	(2,880)	*(2,180)	(2,020)	*(2,160)	(2,020)	(7.50)
4.9 ft	ID (KY) -			*14,930	8,990	9,740	6,040	*6,480	4,370	*4,980	4,280	24.9
(1.5 m)				*(6,770)	(4,080)	(4,420)	(2,740)	*(2,940)	(1,980)	*(2,260)	(1,940)	(7.58)
0.0 ft				14,550	8,620	9,500	5,820			*5,490	4,430	24.1
(0.0 m)				(6,600)	(3,910)	(4,310)	(2,640)			*(2,490)	(2,010)	(7.35)
-4.9 ft		*18,410	15,810	14,460	8,550	9,440	5,780			*6,530	4,960	22.2
(-1.5 m)		*(8,350)	(7,170)	(6,560)	(3,880)	(4,280)	(2,620)			*(2,960)	(2,250)	(6.77)
-9.8 ft				*14,070	8,750							
(-3.0 m)				*(6,380)	(3,970)							

8' 6" (2.6 m) ARM, REAR DOZER DOWN

					Lift-poin [*]	t radius				At maximum reach		ch
Lift-point height ft (m)		9.8 ft (3	8.0 m)	14.8 ft (4	4.5 m)	19.7 ft (6	6.0 m)	24.6 ft (7.5 m)		Сарас	city	Reach
		þ	-60	þ	-6	ĥ	-60	Ь.	-60	Ь	-6	ft (m)
24.6 ft				*8,400	*8,400					*6,440	*6,440	16.9
(7.5 m)				*(3,810)	*(3,810)					*(2,920)	*(2,920)	(5.15)
19.7 ft				*8,070	*8,070	*8,250	6,810			*5,530	*5,530	21.2
(6.0 m)				*(3,660)	*(3,660)	*(3,740)	(3,090)			*(2,510)	*(2,510)	(6.47)
14.8 ft				*9,500	*9,500	*8,600	6,680			*5,200	4,830	23.7
(4.5 m)				*(4,310)	*(4,310)	*(3,900)	(3,030)			*(2,360)	(2,190)	(7.24)
9.8 ft				*12,080	9,770	*9,680	6,370	*6,900	4,450	*5,200	4,320	25.0
(3.0 m)				*(5,480)	(4,430)	*(4,390)	(2,890)	*(3,130)	(2,020)	*(2,360)	(1,960)	(7.63)
4.9 ft	b (kg)			*14,680	9,020	9,740	6,040	6,990	4,340	*5,450	4,170	25.3
(1.5 m)				*(6,660)	(4,090)	(4,420)	(2,740)	(3,170)	(1,970)	*(2,470)	(1,890)	(7.71)
0.0 ft				14,530	8,600	9,480	5,800			*6,020	4,280	24.5
(0.0 m)				(6,590)	(3,900)	(4,300)	(2,630)			*(2,730)	(1,940)	(7.48)
-4.9 ft		*17,950	15,720	14,420	8,490	9,410	5,730			*7,140	4,780	22.7
(-1.5 m)		*(8,140)	(7,130)	(6,540)	(3,850)	(4,270)	(2,600)			*(3,240)	(2,170)	(6.91)
-9.8 ft				*14,350	8,660							
-3.0 m)				*(6,510)	(3,930)							

1. Lifting capacities are based on ISO 10567.

2. Lifting capacity of the HW-A 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.

5. Caution: please be aware of the local regulations and instructions for lifting operations.

HW170ACR DIGGING FORCE



 22	 	
		DICE
	EU	RCE
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2-piece boom* lengt	th	ft in (mm)		16' 5" (5,000)	
Arm* length		— ft in (mm) —	6' 7" (2,000)	8'0" (2,450)	8'6" (2,600)
		kN	98[107]	98[107]	98 [107]
	SAE	kgf	10,008 [10,920]	9,992 [10,900]	10,026 [10,940]
Bucket digging		lbf	22,060 [24,070]	22,030 [24,030]	22,100 [24,120]
force		kN	115 [125]	115 [125]	115 [126]
	ISO	kgf	11,726 [12,790]	11,706 [12,770]	11,746 [12,810]
			25,810 [28,150]	25,900 [28,240]	
		kN	85 [93]	67 [73]	67 [73]
	SAE	kgf	8,648 [9,430]	6,858 [7,480]	6,798 [7,420]
Arm crowd forco		lbf	19,070 [20,790]	15,120 [16,490]	14,990 [16,360]
Arm crowd force –		kN	89 [98]	70 [77]	70 [76]
	ISO	kgf	9,118 [9,950]	7,178 [7,830]	7,106 [7,750]
		lbf	20,100 [21,940]	15,830 [17,260]	15,670 [17,090]

[]: Power Boost

* Booms and arms are welded with a low-stress, full-box section design.

•: Standard / O: Option

Cummins B 4.5 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	
Electronic Fan Control	•
12.4 mph (20 km/h) speed limit	0
Hyundai Bio Hydraulic Oil (HBHO)	0
CAB & INTERIOR	
ISO Standard cabin	
Rise-up type windshield wiper	•
Radio / USB player	
Handsfree mobile phone system with USB 12 volt power outlet (24 V DC to 12 V DC converter)	
Electric horn	
All-weather steel cab with 360° visibility	•
Safety glass - Tempered glass with front laminated glass	•
Safety glass windows	•
Sliding fold-in front window	•
Sliding side window(LH)	٠
Lockable door	•
Hot and cool box	•
Storage compartment Transparent cabin roof-cover	
Sun visor	
Door and cab locks, one key	•
Mechanical suspension seat with heater	•
Pilot-operated slidable joystick	٠
Console box height adjust system	٠
Ashtray	0
Automatic climate control	
Air conditioner and heater	
Defroster Starting Aid (air grid heater) for cold weather	
Centralized monitoring	•
8" LCD display	•
Engine speed or Trip meter/Accelerometer	•
Engine coolant temperature gauge	•
Max power	•
Low speed/High speed	•
Autoidle	•
Overload warning with alarm	0
Check Engine Air cleaner clogging	
Indicators	
ECO Gauges	•
Fuel level gauge	•
Hydraulic oil temperature gauge	•
Fuel warmer	•
Warnings	۲
Communication error	•
Low battery	•
Clock Cabin lights	
Cabin Ignus Cabin front window rain guard	0
Seat	0
Mechanical Suspension with Heater	0
Adjustable air suspension seat with heater	0
Cabin FOPS/FOG	
	0
FOPS (Falling Object Structures) Top Guard	
FOPS (Falling Object Structures) Front and Top Guard	0
	0

SAFETY	
Ride control and Boom floating	0
Battery master switch	
Rear view camera	0
Rear and Mirror view camera	0
AAVM (Advanced Around View Monitoring)	0
Four front working lights (2 boom mounted, 2 front frame mounted)	•
Travel alarm	0
Rear work lamp	0
Beacon lamp	0
Automatic swing brake	<u> </u>
Boom holding system	
Arm holding system	
Safety lock valve for boom cylinder with overload warning device	0
	0
Safety lock valve for arm cylinder	-
Swing Lock System	0
Four outside rearview mirror	•
ATTACHMENT	
Booms	
2-piece 16' 5" (5.0 m)	0
Arms	
6'7" (2.00 m)	0
8'0" (2.45 m)	•
8'6" (2.60 m)	0
8'0" (2.45 m) w/o reinforcement	0
8' 6" (2.60 m) w/o reinforcement	0
OTHER	
Removable clean-out dust net for cooler	
Fuel pre-filter	٠
Self-diagnostics system	٠
Hi MATE–Mobile (4G)	0
Hi MATE-Satellite	0
Batteries (2 × 12 V × 100 Ah)	•
Fuel filler pump 9.25 gpm (35 ℓ /min)	0
Single-acting piping kit (breaker, etc.)	0
Double-acting piping kit (clamshell, etc.)	0
Rotating Piping Kit	0
Quick coupler piping	0
Quick coupler	0
Accumulator for lowering work equipment	
Pattern change valve (2 patterns)	0
Automatic digging brake	0
Joystick Steering	0
Fine Swing Control System	0
Tool kit	0
Auto cruiser system	
2 LED lights on boom	0
Lower Frame Toolbox - LH	
Lower Frame Toolbox - LH, RH	0
UNDERCARRIAGE	
Front dozer blade	0
Rear dozer blade	•
Rear outrigger	0
Front outrigger and rear blade	0
Front and rear outrigger	0
Front blade and rear outrigger	0
Front grapple rest and rear blade	0
Front and rear dozer blade	0
Trailer hitch for rear dozer blade	0
Front grappler rest and rear outrigger	0
Front bucket rest and rear blade	0
Front bucket rest and rear outrigger	0
Tires-dual (10.00-20-14PR tube)	•
Tires-dual (10.00-20-14Pix tube)	0
	0
Tires-dual (10.00-20 solid) Fenders (Mudguards)	0
Wide axle 8' 10" (2.7 m)	0
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* Standard and optional equipment may vary. Contact your Hyundai dealer for more	

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