



Net Power 322 HP (240 kW) / 2,100 rpm

Operating Weight 24,700 kg (54,455 lb) - 25,002 kg (55,120 lb)

Bucket Capacity 4.20 m³ (5.50 yd³)



SPECIFICATIONS HL970A

ENGINE	
Maker / Model	CUMMINS / L9
Туре	Tier 4F/ Stage V Emission Certified, 6 cylinder diesel engine with No Manual Regeneration.
Gross Power (SAE J1995)	325 HP (242 kW) at 2,100 rpm
Net Power (SAE J1349)	322 HP (240 kW) at 2,100 rpm
Max. Power	330 HP (246 kW) at 2,000 rpm
Peak Gross Torque (SAE J1995)	1,207 lb.ft (1636 N·m) at 1,100 rpm
Displacement	8.9 ℓ (543 cu in)

^{*}Stage V & Tier 4 Final Certified

TRANSMISSION				
Travel Speed, km/h (mph)		4 Speed T/M	5 Speed T/M with lock up clutch	
	1st	7.4 (4.6)	7.4 (4.6)	
	2nd	12.5 (7.8)	12.6 (7.8)	
Forward	3rd	27.8 (17.3)	20.1 (12.5)	
	4th	40.0 (24.9)	28.7 (17.8)	
	5th	-	40.0 (24.9)	
	1st	7.4 (4.6)	7.4 (4.6)	
Reverse	2nd	12.5 (7.8)	12.6 (7.8)	
	3rd	27.8 (17.3)	28.7 (17.8)	

[•] This is the maximum travel speed of a standard machine with unfilled bucket.

AXLES	
Drive System	Four-wheel drive system
Mount	Fixed
Rear Axle Oscillation	Oscillating ±11 ° degrees
Hub Reduction	Planetary reduction at wheel end
Differential	Conventional
Reduction Ratio	24.666

HYDRAULIC SYSTEM			
Type	Load sensing hydraulic system		
Pump	Variable displacement piston pump 359 lpm		
Control Valve	2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom,		
System Pressure	280 bar (4,061 psi)		
Lift Circuit	The valve has four functions; Raise / Hold / Lower / Float Can adjust automatic kickout from horizontal to full lift.		
Tilt Circuit	The valve has three functions: Tilt back / Hold / Dump Can adjust automatic bucket positioner to desired load angle.		
Cylinder	Type: double acting No. of cylinders-bore >	2-165 × 780 mm (2-6.5" × 2' 6.7")	
·	HL970A Tilt	1-180 × 565 mm (1-7.1" × 1' 10.2")	
	HL970A XT Tilt	1-180 × 570 mm (1-7.1" × 1' 10.4")	
Cycle Time	Raise : 6.0 Sec. / Dump : 1.5 Sec. Lower : 4.3 Sec. / Total : 11.8 Sec.		

^{*} Hyundai Bio Hydraulic Oil (HBHO) available

OVERVIEW				
Description Operating Weight		HL970A	HL970A XT	
		24,700 kg (54,455 lb)	25,002 kg (55,120 lb)	
Bucket	Heaped	4.20 m³ (5.50 yd³)	4.20 m³ (5.50 yd³)	
Capacity	Struck	3.60 m³ (4.70 yd³)	3.60 m³ (4.70 yd³)	
Breakout Force	e-Bucket	21,715 kg (47,875 lb)	21,775 kg (48,010 lb)	
Tipping Lond	Straight	19,550 kg (43,100 lb)	16,250 kg (35,830 lb)	
Tipping Load	Full Turn	16,892 kg (37,240 lb)	13,950 kg (30,755 lb)	

TIRES		
Туре	Tubeless, loader design tires	
Standard	26.5R25 L3, ★★, L3	
	26.5–25, 20PR L5	
Options Include	26.5R25 XHA, ★, XHA	
	26.5-25 20PR L3	

BRAKES	
Service Brakes	Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axle-by-axle system. Self adjusting & wheel speed brake.
Parking Brake	Spring-applied, hydraulically released brake
Emergency Brake	When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.

STEERING SYSTEM	
Туре	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump, 242 lpm
System Pressure	210 bar (3,046 psi)
Cylinder	Double acting 2-95×468 mm (2-3.7"×1' 6.4")
Steering Angle	40° to both right and left angle, respectively
Features	Center-point frame articulation. Tilt and telescopic steering column.

SERVICE REFILL CAPACITIES			
Fuel Tank	365 liters (96.4 US gal)		
Def Tank	44.5 liters (11.8 US gal)		
Cooling System	47 liters (12.4 US gal)		
Crankcase	22.7 liters (6.0 US gal)		
Transmission	53 liters (14 US gal)		
Front Axle	42 liters (11.1 US gal)		
Rear Axle	42 liters (11.1 US gal)		
Hydraulic Tank	152 liters (40.2 US gal)		
Hydraulic System (Including Tank)	276 liters (72.9 US gal)		

CAB NOISE LEVEL

Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open.

With cooling fan speed at maximum value:

Operator sound pressure level (ISO 6396:2008)	70 dB(A)
Exterior sound power level (ISO 6395:2008)	107 dB(A)
The state of the s	

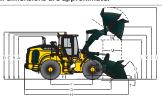
^{*} Distance of 15 m (49.2 ft), moving forward in second gear ratio.

CABIN

ROPS / FOPS Cabin Meet ISO 3471 and ISO 3449

HL970A DIMENSIONS

All dimensions are approximate.





	Description	HL970A	HL970AXT
Α	Height to Top of Exhaust Pipe	3,570 (11' 9")	3,570 (11' 9")
В	Height to Top of Cabin	3,590 (11' 9")	3,590 (11' 9")
С	Height to Top of Product Link Antenna	3,665 (12' 0")	3,665 (12' 0")
D	Height to Top of Warning Beacon	3,720 (12' 2")	3,720 (12' 2")
Ε	Ground Clearance	480 (1' 7")	480 (1' 7")
F	Wheelbase	3,500 (11' 6")	3,500 (11' 6")
G	Overall Length (without Bucket)	7,395 (24' 3")	7,935 (26' 0")
Н	Shipping Length (with Bucket Level on Ground)	8,740 (28' 8")	9,280 (30' 5")
1	Hinge Pin Height at Carry Position	500 (1' 8")	615 (2' 0")
J	Hinge Pin Height at Maximum Lift	4,325 (14' 2")	4,815 (15' 10")

Unit: mm (ffin)

	Descr	iption	HL970A	HL970AXT
K	Lift Arm Clearance at Maximum Lift		3,605 (11' 10")	4,095 (13' 5")
L	Dump Clearance at Maximum Lift and 45° Discharge		3,080 (10' 1")	3,570 (11' 9")
М	Reach at Maximum Lift and 45° Discharge		1,270 (4' 2")	1,255 (4' 1')
N	Dump Angle at Maximum Lift and Dump (on Stops)		50	50
0	Doll Dack Angle	Ground	43	43
O	Roll Back Angle	Carry	47	49
Р	Clearance Circle (Diameter) to Outside of Tires		12,885 (42' 3")	12,885 (42' 3")
Q	Clearance Circle (Diameter) to Inside of Tires		6,800 (22' 4")	6,800 (22' 4")
R	Width Over Tires (Unloaded)		2,980 (9' 9")	2,980 (9' 9")
R1	Overall Width (with bucket)		2,740 (9')	2,740 (9')
S	Tread Width		2,300 (7' 7")	2,300 (7' 7")

IS WITH BUCKETS				
	General Purpose Pin On	General Purpose - Hook On	High Lift	
Bolt - On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Linkage Change
4.20 m³ (5.50 yd³)	5.20 m ³ (6.80 yd ³)	4.50 m³ (5.90 yd³)	4.20 m³ (5.50 yd³)	-
4.62 m³ (6.00 yd³)	5.72 m³ (7.50 yd³)	5.90 m³ (4.95 yd³)	4.62 m³ (6.00 yd³)	-
3,100 mm (10' 2" ft/in)	3,250 mm (10' 8" ft/in)	3,100 mm (10' 2" ft/in)	3,100 mm (10' 2" ft/in)	-
3,080 mm (10' 1" ft/in)	2,975 mm (9' 9" ft/in)	3,040 mm (9' 12" ft/in)	2,865 mm (9' 5" ft/in)	+490 mm (+1' 7" ft/in)
1,270 mm (4' 2" ft/in)	1,375 mm (4' 6" ft/in)	1,310 mm (4' 4" ft/in)	1,485 mm (4' 10" ft/in)	-15 mm (-0.6" ft/in)
100 mm (0' 4" ft/in)	100 mm (0' 4" ft/in)	100 mm (0' 4" ft/in)	100 mm (0' 4" ft/in)	+15 mm (+0.6" ft/in)
8,740 mm (28' 8" ft/in)	8,890 mm (29' 2" ft/in)	8,800 mm (28' 10" ft/in)	9,045 mm (29' 8" ft/in)	+540 mm (+1' 9" ft/in)
5,970 mm (19' 7" ft/in)	6,120 mm (20' 1" ft/in)	6,030 mm (19' 9" ft/in)	6,185 mm (20' 4" ft/in)	+490 mm (+1' 7" ft/in)
14,310 mm (46' 11" ft/in)	14,540 mm (47' 8" ft/in)	14,350 mm (47' 1" ft/in)	14,500 mm (47' 7" ft/in)	+400 mm (+1' 4" ft/in)
18,350 kg (40,455 lb)	17,900 kg (39,465 lb)	18,300 kg (40,345 lb)	16,500 kg (36,380 lb)	-2,100 kg (-4,625 lb)
15,850 kg (34,945 lb)	15,500 kg (34,175 lb)	15,800 kg (34,835 lb)	14,250 kg (31,420 lb)	-1,900 kg (-4,185 lb)
21,715 kg (47,875 lb)	19,540 kg (43,080 lb)	20,785 kg (45,825 lb)	17,700 kg (39,025 lb)	+60 kg (+135 lb)
24,200 kg (53,355 lb)	24,475 kg (53,960 lb)	24,255 kg (53,475 lb)	24,840 kg (54,765 lb)	+800 kg (+1,765 l b)
	Bolt - On Cutting Edges 4.20 m³ (5.50 yd³) 4.62 m³ (6.00 yd³) 3,100 mm (10' 2" ft/in) 3,080 mm (10' 1" ft/in) 1,270 mm (4' 2" ft/in) 100 mm (0' 4" ft/in) 8,740 mm (28' 8" ft/in) 5,970 mm (19' 7" ft/in) 14,310 mm (46' 11" ft/in) 18,350 kg (40,455 lb) 15,850 kg (34,945 lb) 21,715 kg (47,875 lb)	General Purpose Pin On Bolt - On Cutting Edges 4.20 m³ (5.50 yd³) 5.20 m² (6.80 yd³) 4.62 m³ (6.00 yd³) 5.72 m³ (7.50 yd³) 3,100 mm (10' 2" ft/in) 3,080 mm (10' 1" ft/in) 1,270 mm (4' 2" ft/in) 100 mm (0' 4" ft/in) 100 mm (0' 4" ft/in) 8,740 mm (28' 8" ft/in) 14,310 mm (46' 11" ft/in) 18,350 kg (34,945 lb) 15,500 kg (34,175 lb) 2,975 mm (9' 9" ft/in) 1,375 mm (4' 6" ft/in) 100 mm (0' 4" ft/in) 1100 mm (0' 4" ft/in) 1100 mm (29' 2" ft/in) 1100 mm (29' 2" ft/in) 1100 mm (30' 4" ft/in) 1100 mm (45' 11" ft/in)	General Purpose Pin On Bolt - On Cutting Edges Bolt-On Cutting Edges Bolt-On Cutting Edges 4.20 m³ (5.50 yd³) 5.20 m³ (6.80 yd³) 4.50 m³ (5.90 yd³) 4.62 m³ (6.00 yd³) 5.72 m³ (7.50 yd²) 5.90 m³ (4.95 yd²) 3,100 mm (10' 2" ft/in) 3,250 mm (10' 8" ft/in) 3,100 mm (10' 2" ft/in) 3,080 mm (10' 1" ft/in) 2,975 mm (9' 9" ft/in) 3,040 mm (9' 12" ft/in) 1,270 mm (4' 2" ft/in) 1,375 mm (4' 6" ft/in) 1,310 mm (4' 4" ft/in) 100 mm (0' 4" ft/in) 100 mm (0' 4" ft/in) 100 mm (0' 4" ft/in) 8,740 mm (28' 8" ft/in) 8,890 mm (29' 2" ft/in) 8,800 mm (28' 10" ft/in) 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 18,350 kg (40,455 lb) 17,900 kg (39,465 lb) 18,300 kg (30,435 lb) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb)	Bolt - On Cutting Edges Bolt-On Cutting Edges Bolt On Cutting Edges 4.20 m's Edges

 $^{^{\}circ}$ All height and tire related dimensions are with standard 20.5 R25, $\,\star\,\star$, L3 tires.

HL970A / HL970AXT BUCKET	SELECTION.	CHAD	т																
Standard Lift Arm - General Purpos		СПАК	!																
_		Material Density [ton/m³]																	
Type	m³ (yd³)	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Bolt-On Cutting Edge	4.2 (5.49)		4.8 m³ (6.28 yd³) 4.0 m³ (5.23 yd³)																
Bolt-On Cutting Edge	5.2 (6.8)			6.0 m	1 ³ (7.85	yd³)					4.9 r	n³ (6.4°	1 yd³)						
Bolt-On Cutting Edge	4.5 (5.89)					5.2	m³ (6.8	yd³)					4.3 ו	m³ (5.62	2 yd³)				
Cutting Edge (ISO Quick Coupler)	4.2 (5.49)				4.8 n	n³ (6.28	3 yd³)					4.0 r	n³ (5.2	3 yd³)					
High Lift Arm (XT) - General Purpo	se																		
Туре	m³ v(yd³)	Material Density [ton/m³]																	
	iii (yu)	8.0	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Bolt-On Cutting Edge	4.2 (5.49)					4.8 m	¹³ (6.28	yd³)					4.0 ו	m³ (5.2	3 yd³)				
Bolt-On Cutting Edge	5.2 (6.8)	6.0 m	ı³ (7.85	yd³)					4.9 r	n³ (6.4	1 yd³)								
Bolt-On Cutting Edge	4.5 (5.89)		5.2 m³ (6.8 yd³) 4.3 m³ (n³ (5.62	2 yd³)								
Cutting Edge (ISO Quick Coupler)	4.2 (5.49)		4.8 m	6.28	yd³)					4.0 r	n³ (5.23	3 yd³)							

NGINE	STD	OPT
ENGINE CHAMINE TO	STD	OPT
ENGINE, CUMMINS, L9		
3 Stage air precleaner	•	
Alternator, 95A	•	
Fuel warmer	•	
Engine oil level dipstick gauge	•	
Fuel / water separator	•	
WGT (Waste Gate Turbo)	•	
CLEAN EMISSION MODULE		
DOC, DPF and SCR	•	
Active Emission Regeneration (No Manual Rege	neration l	Required)
Stage V Certified Emmissions	•	
EGR Free	•	
Automatic Regeneration	•	
COOLING SYSTEM		
Antifreeze	•	
Auto Reversing Fan (adjustable Time/ Interval Frequencies) w/ Manual Override		
Coolant Level Sight Gauge	•	
Fan guard	•	
Wide Fin Radiator	•	
OWER TRAIN	STD	OPT
TRANSMISSION		
Transmission F4/R3, computer		
controlled, electronic soft shift, auto-	•	
shift and kick-down features included		
Transmission oil sight level	•	
Wide Fin Transmission Oil Cooler	•	
AXLE		
Conventional (Rear)	•	
Hydraulic lock differential (Front)	•	
Limited slip differential (Front / Rear)		•
BRAKE		
Parking brake	•	
Service brake (Enclosed wet-disc)	•	
TIRES		
26.5 R25 L3, ★★, L3	•	
26.5-25, 20PR L5		
26.5 R25 XHA, ★, XHA		÷
26.5-25, 20PR L3	STD	OPT
IYDRAULIC SYSTEM		
Diagnostic pressure taps		OF
	•	OF I
Hyundai Bio Hydraulic Oil (VG46)	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge	•	٠
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46	•	٠
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler	•	٠
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG36 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL	•	٠
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil Vesta Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip	•	٠
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG346 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil Ve94 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG36 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AL&RMS, AUDIBLE AND VISUAL Air filter clogging	•	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG346 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG346 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter dogging Battery voltage Brake oil pressure DEF low level		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG34 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant level		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG346 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature	· · · · · · · · · · · · · · · · · · ·	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant temperature Engine colant temperature Engine colant temperature		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter dogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level	· · · · · · · · · · · · · · · · · · ·	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant temperature Engine colant temperature Engine colant temperature		•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter dogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level	· · · · · · · · · · · · · · · · · · ·	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG34 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant temperature Engine oil pressure Engine il ressure Fuel level Hydraulic oil temperature	· · · · · · · · · · · · · · · · · · ·	•
Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil VG32 Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Quick coupler piping Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine il pressure Fudel level Hydraulic oil temperature Parking brake		•

AB & INTERIOR	STD	0
GAUGES		
Diesel Exhaust Fluid (DEF) level	•	
Engine coolant temperature	•	
Fuel level	•	
Horn, electric	•	
Speedometer	•	
Transmission oil temperature	•	
INDICATOR LIGHTS		
Clutch Cut Off		
Differential Lock	-	\vdash
Engine auto stop	•	\vdash
	÷	H
FNR		H
High beam	•	H
Parking brake	•	H
Pilot cut off	•	
Ride control	•	_
Seat belt ON/OFF	•	
Turning light	•	
LCD DISPLAY		
Clock and fault code	•	
DEF level	•	
DEF low level	•	
Engine rpm	•	
Horn, electric	•	
Job time and distance		
Operating hour counter		Н
Transmission gear range		\vdash
BATTERIES		-
850CCA, 12V, 2PCS		
	•	_
LIGHTING SYSTEM		
Brake lights(Counterweight)	•	_
LED dome light	•	
2 Head lights on front tower	•	
2 Head lights (LED) on front tower		
2 Stop and tail lights	•	
4 Turn signals	•	
2 Working lights on front roof		
4 Working lights on front roof		
2 Working lights on rear roof		
4 Working lights (LED) on front roof		
2 Working lights (LED) on rear roof		
2 Working lights on grill		\vdash
2 Working lights (LED) on grill	•	H
		_
SWITCHES		
Battery master switch	•	_
Differential Lock	•	L
Emergency steering		_
FNR shifter	•	
Hazard	•	
Parking	•	
Pilot cut off	•	
SYSTEM MEMORY SETTINGS		
Autolube, integrated in secondary display		
Auto position	•	Ĺ
Beacon light		Ĺ
Fine modulation	•	
Main light	•	
Mirror heat	•	
Quick coupler	•	
Rear wiper	•	
Ride control	•	
Work light	•	L
Work load	•	L
IGNITION		
Key	•	
Push Start Button		
CAR (COLUMN CLIPPERCORN)		
CAB (SOUND SUPPRESSED)	•	Ĺ
24V to 12V DC converter (20A)		
	·	
24V to 12V DC converter (20A) Coat hook Magazine pocket	•	
24V to 12V DC converter (20A) Coat hook	•	

Roller type sunshade (Front window)		
	•	
ROPS / FOPS CAB.	•	
Rubber floor mat	•	
Steering column, tilt and telescopic	•	
Steering wheel with knob	•	
Tinted safety glass	•	
Wrist rest	•	
DOOR		
Door and cab locks, one key	•	
Doors, service access (Locking)	•	
Doors, service access (Remote control)		
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	•	
Defroster		
Intermittent wiper and washer, front		
and rear	•	
SEAT		
3" Retractable seat belt & adjustable air suspension (Heated)		
PERSONAL STORAGE SPACE		
Console box	•	
Holder, can and cup	•	
PEDALS		
Accel pedal without ECO switch	•	
Dual-brake pedal		
One acceletator pedal		
One brake pedal		
	CTD	0.0
AFETY	STD	OF
Alarm, back-up	•	
Boom safety lock		•
Emergency steering		•
Emergency stop	•	
Fire extinguisher		•
OBJECT DETECTION		
AAVM - All Around View Monitoring		•
IMOD (Intelligent Moving Object Detection	1)	
RADAR + Secondary Mornitor	İ	
THERS	STD	OF
2nd Monitor	J.D	٠.
		•
3 Spool MCV	•	•
3 Spool MCV 5 speed T/M with lockup clutch	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterveight Hi-Mate, Satellite	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & TOW LED Lamp	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp Lictense Plate & 10W LED Lamp Lift and tie-down hooks	•	•
3 Spool MCV 5 Speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp Lift and tie-down hooks Loader linkage, sealed	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks	•	•
3 Spool MCV 5 Speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterveeight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Liter and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite SO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps STELEMATICS	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps ETELEMATICS ECD (Engine Connected Diagnostics)	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkape, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Litf and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps ETELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUAVAGO GUAVAGO GUAVAGO GUAVAGO Belly-Pan Guard	•	•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Litense Plate & 10W LED Lamp Litense Plate & 10W LED Lamp Lith and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS Belly-Pan Guard Grankcase		•
3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkape, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE	•	•

CAB & INTERIOR STD OPT

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 forming without advance notice.
All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

A HYUNDAI	Radio / US
CONSTRUCTION EQUIPM	MENT

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

Transmission oil temperature

1102-WL-SP 1/2021v7