



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	Ω.	Tior 4	Einal	Cortified
Stage v	α	Her 4	Final	cerunea

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)
Forward	2nd	12.5 (7.8)	12.6 (7.8)
	3rd	27.8 (17.3)	20.1 (12.5)
	4th	40.0 (24.9)	28.7 (17.8)
	5th	-	40.0 (24.9)
Reverse	1st	7.4 (4.6)	7.4 (4.6)
	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 fun Raise / Hold / Lower / I Can adjust automatic ki horizontal to full lift.	-loat	
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 > Lift	2-165 × 780 mm (2-6.5" × 2' 6.7")	
Simuci	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 Lower: 4.3 Sec. / Total		

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

OVERVIEW				
Description		HL970A	HL970A XT	
Operating Weight		24,200 kg (53,355 lb)	25,000 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-Bucket		21,715 kg (47,875 lb)	21,775 kg (48,010 lb)	
Tipping Load	Straight	18,350 kg (40,455 lb)	16,250 kg (35,830 lb)	
	Full Turn	15,850 kg (34,945 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	
Type	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump, 242 lpm
System Pressure	210 bar (3,046 psi)
Cylinder	Double acting $2-95 \times 468 \text{ mm} (2-3.7" \times 1' 6.4")$
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)

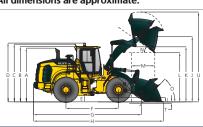
^{*} Distance of 15 m (49.2 ft), moving forward in second gear ratio.

CABIN

 $\ensuremath{\mathsf{ROPS}}$ / 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")
c	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 Clearand Maximum Lift	ce at	3,605 (11' 10")	4,095 (13' 5")		
L	Dump Clearance 45° Discharge	at Maximum Lift and	3,080 (10' 1")	3,570 (11' 9")		
М	Reach at Maximu Discharge	ım Lift and 45°	1,270 (4' 2")	1,255 (4' 1')		
N	Dump Angle at N Lift and Dump (o		50	50		
0	Roll Back Angle	Ground	43	43		
0	Non back Angle	Carry	47	49		
Р	Clearance Circle to Outside of Tire		12,885 (42' 3")	12,885 (42' 3")		
Q	Clearance Circle 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")		

HL	970A OPERATING SPECIFICATION	S WITH BUCKETS					
Linkage Bucket Type			General Purpose Pin On	General Purpose - Hook On	High Lift		
Ed	ge Type	Bolt - On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Linkage Change	
Ca	pacitiy - Rated	4.20 m ³ (5.50 yd ³)	5.20 m ³ (6.80 yd ³)	4.50 m ³ (5.90 yd ³)	4.20 m ³ (5.50 yd ³)	-	
	pacitiy - Rated at 110% Fill ctor	4.62 m³ (6.00 yd³)	5.72 m³ (7.50 yd³)	5.90 m³ (4.95 yd³)	4.62 m³ (6.00 yd³)	-	
Wi	dth	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)	-	
	mp Clearance at ximum Lift & 45° Discharge	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)	
Rea	ach at Maximum Lift & 45° Discharge	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)	
Digging Depth		100 mm (0' 4" ft/in)	+15 mm (+0.6" ft/in)				
Т	Shipping Length (with Bucket)	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)	
U	Overall Height with Bucket at Maximum Lift	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)	
٧	Loader Clearance Circle with Bucket at Carry Position	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	
	ntic Tipping Load. Straight o Tire Deflection)	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)	
	ntic Tipping Load. Articulated o Tire Deflection)	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)	
Bre	eakout Force	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)	
Ор	erating Weight*	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 lb)	

^{*} All height and tire related dimensions are with standard 20.5 R25, ★★, L3 tires.

HL970A / HL970AXT BUCKET SELECTION CHART

Standard Lift Arm - General Purpos	e Bucket																		
Time	ma 3 (+ + al3)	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 m	³ (6.28	yd³)					4.0 r	n³ (5.23	3 yd³)		
Bolt-On Cutting Edge	5.2 (6.8)			6.0 m	n³ (7.85	yd³)					4.9 r	n³ (6.4°	1 yd³)						
Bolt-On Cutting Edge	4.5 (5.89)					5.2	m³ (6.8	3 yd³)					4.3 ı	m³ (5.6	2 yd³)				
Cutting Edge (ISO Quick Coupler)	4.2 (5.49)		4.8 m³ (6.28 yd³) 4.0 m³ (5.23 yd³)																
High Lift Arm (XT) - General Purpos	ie .																		
Tuno	m3 v(vd3)					Material Density [ton/m³]													
Type	m³ v(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 m	ı³ (6.28	3 yd³)					4.0 ו	m³ (5.2	3 yd³)				
Bolt-On Cutting Edge	5.2 (6.8)	6.0 m	6.0 m³ (7.85 yd³)					4.9 m³ (6.41 yd³)											
Bolt-On Cutting Edge	4.5 (5.89)			5.2	m³ (6.8	g yd³)					4.3 r	n³ (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 (5.23	3 yd³)							

NGINE	STD	OP1
ENGINE, CUMMINS, B4.5		
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	eneration I	Require
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	OP
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		
47 F D2F 4 4 1 2	1	
17.5 R25, ★★, L3	•	
17.5 R25, ★, XHA	•	•
	STD	OP1
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps	STD	OPT
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46)		OPT
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge		OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL	•	OP
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic Oil (VG46) Hydraulic Oil level sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic Oil (VG46) Hydraulic Oil evel sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps 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	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic Oil (VG46) Hydraulic Oil evel sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps 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	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps 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	•	• OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic oil evel sight gauge Hydraulic Oil VG32 Hydraulic Oil VG46 Wide Fin Hydraulic Oil Cooler HYDRAULIC CONTROL Fingertip Joystick ELECTRO-HYDRAULIC CONTROL Bucket positioner, automatic Extra piping for auxiliary function Fingertip Joystick Endet En	•	· OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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	•	OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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	•	
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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	•	
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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	•	
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps 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	•	
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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	•	
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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 clogging Battery voltage Brake oil pressure	•	
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hyundai Bio Hydraulic Oil (VG46) Hydraulic Oil evel 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 clogging Battery voltage Brake oil pressure DEF low level	•	
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level		
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17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level		
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps 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 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 oil pressure Fuel level		
17.5 R25, ★, XHA IYDRAULIC SYSTEM Diagnostic pressure taps 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level Hydraulic oil temperature		
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic oil evel sight gauge 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 Ride control system AB & INTERIOR ALARMS, AUDIBLE AND VISUAL Air filter clogging Battery voltage Brake oil pressure Engine coolant level Engine coolant temperature Engine oil pressure Full wide		OPT OPT
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic oil evel 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level Hydraulic oil temperature Parking brake Service brake oil pressure Parking brake Service brake oil pressure		
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic oil evel 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level Hydraulic oil temperature Parking brake Service brake oil pressure Seat belt ON/OFF		
17.5 R25, ★, XHA YDRAULIC SYSTEM Diagnostic pressure taps Hydraulic oil evel 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 clogging Battery voltage Brake oil pressure DEF low level Engine coolant level Engine coolant temperature Engine oil pressure Fuel level Hydraulic oil temperature Parking brake Service brake oil pressure Parking brake Service brake oil pressure		

AB & INTERIOR	STD	OP
GAUGES		
Diesel Exhaust Fluid (DEF) level	•	
Engine coolant temperature	•	
Fuel level	•	
Horn, electric	•	
Speedometer	•	
Transmission oil temperature	•	
INDICATOR LIGHTS		
Clutch Cut Off	•	
Differential Lock	•	
Engine auto stop	•	
FNR	•	
High beam	•	
Parking brake	•	
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	•	
Transmission gear range	•	
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	•	
2 Working lights (LED) on grill	•	
SWITCHES		
Battery master switch	•	
Differential Lock	•	
Emergency steering		
FNR shifter	_	_
	-	
Hazard	•	
Parking	•	
Pilot cut off	•	
SYSTEM MEMORY SETTINGS		
Autolube, integrated in secondary display		•
Auto position	•	
Beacon light		•
Fine modulation	•	
Main light	•	
Mirror heat	•	
Quick coupler	•	
Rear wiper	•	
Ride control	•	
Work light	•	
Work load	•	
IGNITION		
Key	•	
_ , _ , _ , _ , _ , , _ , , , _ , , , ,		•
CAB (SOUND SUPPRESSED)		
CAB (SOUND SUPPRESSED) 24V to 12V DC converter (20A)	•	
CAB (SOUND SUPPRESSED) 24V to 12V DC converter (20A) Coat hook	•	
Push Start Button CAB (SOUND SUPPRESSED) 24V to 12V DC converter (20A) Coat hook Magazine pocket		

CAB & INTERIOR CAB(SOUND SUPPRESSED)	STD	OI
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	•	
AFETY	STD	О
Alarm, back-up	•	
Boom safety lock	_	١.
Emergency steering		
Emergency stop		
Fire extinguisher	_	
OBJECT DETECTION		
AAVM - All Around View Monitoring		
IMOD (Intelligent Moving Object Detection	.)	
RADAR + Secondary Mornitor		
THERS	STD	О
	סוכ	
2nd Monitor		
3 Spool MCV	•	
5 speed T/M with lockup clutch Air Compressor		
All Combressor		<u> </u>
· · · · · · · · · · · · · · · · · · ·	_	
Auto Engine Shut Down	•	
Auto Engine Shut Down Auto Grease System	•	
Auto Engine Shut Down Auto Grease System Articulation Locking Bar	•	•
Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight	•	•
Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite	•	
Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler	•	•
Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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	•	
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)	•	
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	•	
Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp Lifeanse 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	•	
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 Belly-Pan Guard	•	
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 Belly-Pan Guard Crankcase	•	
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 Belly-Pan Guard	•	

er for more

Standard and optional equipment may vary. Contact your hydrida dealer for mo 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.

PLEASE CONTACT

HYUNDAI CONSTRUCTION EQUIPMENT

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