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PLEASE CONTACT

A HYUNDAI CONSTRUCTION EQUIPMENT

MOVING YOU FURTHER



Pride at Work

Hyundai Construction Equipment strives to build state-of-the art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality. Take pride in your work with Hyundai!







HL757-9S Sugarcane

RELIABLE MAIN COMPONENTS

Engine Technology

Well Proven, reliable, fuel efficient, low noise Cummins QSB6.7 Engine 3 Engine operating mode(Power / Standard / Econo)

Fully Automatic Transmission

4 step(Manual / Light / Normal / Heavy) shift mode by working condition Protective transmission at low temperature(Automatic warm-up system) Self-diagnostic & Memory of malfunction history Minimum travel shift shock by applying proportional controlling modulation

• Axle

Wheel speed wet disc brake

· Cooling module

With parallel cooling module arrangement, cooling performance was improved.

IMPROVED DURABILITY

valve / Self adjusting Clutch gap Kick-down button

• Long-life cooling system, designed for additional durability, resistant to thermal

shock, impulse and vibration.

• Heavy duty Front/Rear axle with LSD

ENHANCED OPERATOR COMFORT

Improved Visibility

Larger operator's cab for additional comfort. Redesigned cab with rounded front glass and larger door glass for a larger field of view.

Improved Convenience

Increased cooling & heating capacity with fully automatic climate control system. Tilting & telescopic steering column.

Adjustable wrist rest for reduced operating stress.

Multiple storage compartments.

AM/FM Radio with MP3 interface and USB input.

Improved ladder with 20 Degree incline and large, deep tread, non-slip steps for safer access and exit from the cab.

Advanced 5.7" Color Monitor

Easy-to-read new color LCD display.

Self diagnostic & monitoring system with active display of hydraulic system, transmission and electrical component information.

Color, rear-view, back-up camera for improved safety and convenience.

RMS(Remote Management System)

RMS(Remote Management System) works through GPS/satellite technology to provide better customer service and support.

SERVICEABILITY

Reversible, swing-out cooling fan for easy service and improved cooler maintenance.
 Ground level access to critical service points, filters and sight gauges for easy maintenance.





Eco-friendly
Cummins QSB6.7 Engine
ne combines advanced electronic controls and

The Cummins QSB6.7 Engine combines advanced electronic controls and a self-diagnostic system with reliable performance. The combination of a high pressure common rail system and an advanced in-cylinder combustion technology results in increased power, improved transient response and reduced fuel consumption. The Cummins QSB6.7 Engine complies with current emissions standards including EPA Tier3 and EU Stage III-A.

Variable Operating Modes

9S series wheel loaders are designed to allow the operator to customize automatic transmission shift timing and clutch cut-off activation based on the job condition and personal operator preference. Convenient rotary type switches allow for easy adjustment of transmission power shift mode, and clutch cut-off mode. Additionally, if equipped with the optional ride control system, the operator has the option to turn the system on or off with an override switch.

The ride control system has a shock absorbing accumulator that cushions the boom, improves operator comfort and reduces material loss. The versatility of the 9S series operating modes contributes to improved productivity, enhanced operator comfort and reduced fuel consumption.



3 Mode Engine Power Selection

P(Power) Mode: Heavy duty work S(Standard) Mode: General work E(Economy) Mode: Light duty work

4 Mode Transmission Power Shift System

M(Manual) Mode

Auto L(Light) Mode: Light duty & long distance carry Auto N(Normal) Mode: General excavating & loading Auto H(Heavy) Mode: Heavy duty excavating & loading

3 Mode Clutch Cut-Off System

L(Low) Mode: Short distance & faster loading

M(Medium) Mode : General loading H(High) Mode : Slope ground

Easy Access

Conveniently located coolant and transmission oil site gauges make checking fluid levels fast and efficient. Ground-line access to fuel and oil filters grease fittings, fuses, machine computer components and wide open compartments makes service more convenient on the 9S series.



Enhanced cooling module

With parallel cooling module arrangement, cooling performance was greatly improved. (1st Column: CAC, Radiator, T/M oil cooler, 2nd Column: Condenser, Hyd. oil cooler) It is easy to maintain a cooling module because 2nd column is opened at 60 °. In particular, Radiator is a non-louvered fin type with a wide pitch (4mm), which can easily remove the clogging of Bagasse and the cooling efficiency has also increased. Cooling fan is designed to be reversed to keep cooler clean from clogging bagasse.



Full Fenders and Mud Guards Extended Life Components

9S series wheel loaders can be equipped with optional full rear mudguards to reduce material splatter to the cab and machine frame.



The 9S series is designed for longer lubrication intervals and extended component life. Hydraulic oil can last up to 5,000 hours before changing. Also, a new center pivot roller bearing design, now double tapered, requires less maintenance as well. Long life and extended wear components save the operator time and money.



5.0 m³ bucket

Hyundai HL757-9S Sugarcane applies a large amount of 5.0 m³ bucket optimized for sugarcane fields, and can be achieved to maximize production efficiency.







Wide and Convenient Cab

The newly designed cabin was conceived for more space, a wider field of view and operator comfort. The front glass is rounded and 17% wider than the previous 7A series. Special attention was given to a clean, open and convenient interior with plenty of visibility on the machine surroundings and the job at hand. This well balanced combination of cab ergonomics puts the operator



in the perfect position to work safely and securely. The 9S series cab's fully automatic climate control system features 11 air vents and increased cooling and heating capacity for optimum temperature control. The defroster vents located on the front and rear windows and a PTC (electric pre-heater, Option) make working in cold weather more hospitable.

Operator Comfort

In the 9S series cabin you can easily adjust the steering column and wrist rest to best suit your preferred comfort level. Pilot-operated joystick controls are easy and comfortable to operate. Roller type sunshades on the front window allow the operator to reduce glare and improve visibility. Heated side mirrors feature built-in hot wires for quick defrosting during cold weather conditions.



LED lights

Because high luminous LED lights are installed, Operators can secure clear views when working at night or indoors.



Advanced Color Monitor

The advanced new monitor with 5.7 inch wide color LCD screen allows the operator to easily and efficiently control the machine. Self diagnostics, color rear-view camera maintenance check lists and start-up machine security, were integrated into the monitor to make the machine more versatile and the operator more productive. The new monitor display unit is mounted on an adjustable swivel mount to reduce glare and position according to operator preference.









HIMXTE

otion

IT'S CONVENIENT, EASY AND VALUABLE

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button

WHAT IS BENEFITS



Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.



Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geofence boundary, you will get alerts.

SPECIFICATIONS

ENGINE	
Maker / Model	Cummins QSB6.7
Туре	4-cycle, turbocharged, charge aircooled direct injection, electronic controlled diesel engine
Gross power	173 HP (129 kW) at 2.100 rpm
Net power	164 HP (122 kW) at 2.100 rpm
Max. Power	187 HP (139 kW) at 1,800 rpm
Maximum torque	83 kg.m (600 lb.ft) / 1,400 rpm
No. of cylinders	6
Bore x Stroke	107 mm (4.21") x 124 mm (4.88")
Displacement	6.7 Q (408 cu in)
Compression ratio	17.2:1
Air cleaner	Dry, dual elements
Alternator	24V, 70 Amp
Battery	2 x 12V, 170Ah
Starting motor	24V, 4.8 kW

^{*} No derating for continuous operating required up to 3,048m (10,000ft). This engine meets the EPA(Tier III) / EU(Stage III-A) Emission regulation.

TRANSMISSION	
Torque Converter Type	3-elements, single-stage single-phase
Tire	20.5 R25 XHA*

**Full automatic power shift, countershaft type with soft-shift in range and direction. Properly matched torque converter to engine and transmission for excellent working ability.

Travel speed		km/h (mph)		
	1st	6.9 (4.3)		
Camusaud.	2nd	11.4 (7.1)		
Forward	3rd	22.7 (14.1)		
	4th	36.0 (22.4)		
	1st	7.2 (4.5)		
Reverse	2nd	12.0 (7.5)		
	3rd	23.8 (14.9)		

AXLES					
Drive system	Four-wheel drive system				
Mount	Rigid front axle and oscillating rear axle				
Rear axle oscillation	±11° (total 22°)				
Hub reduction	Planetary reduction at wheel end				
Differential	Limited slip differential				
Reduction ratio	23.34				

TIRES	
Туре	Tubeless, loader design tires
Standard	20.5 R25 XHA*
Ontions Individe	20.5-25 16PR L3
Options Include	20.5-25 16PR L5

OVERVIEW						
Description			HL757-9S Sugarcane			
Operating Weight		kg(lb)	14,685 (32,375)			
Bucket Capacity	Heaped	m³(yd³)	5.00 (6.50)			
	Struck	m³(yd³)	3.70 (4.80)			
BreakoutForce-Bucket		kg(lb)	10,250 (22,600)			
Tipping Load	Straight	kg(lb)	10,960 (24,165)			
прринд Load	Full Turn	kg(lb)	9,650 (21,275)			

Туре		Open-centered, tandem circuit system, pilot-operated controls			
Pump		Gear type, 225 liters/min 59.4 gal/min			
Control Valve		2 spool (Bucket, Boom) 3 spool (Bucket, Boom, Aux) Pilot pressure controlled type System pressure : 210 kgf/cm²(2,986 PSI)			
	Туре	Pilot operated lift and tilt circuit, single-lever(joystick) control standard.			
Bucket Controls	Lift Circuit	The valve has four functions; raise, hold, lower and float. Can adjust automatic kickout from horizontal to full lift.			
	Tilt Circuit	The valve has three functions; tilt back, hold and dump. Can adjust automatic bucket positioner to desired load angle.			
		Type: double acting			
Cylinder		No. of cylinders-bore × stroke			
Cylliluci	Lift	2- ø 140 mm x 750 mm(5.5" x 29.5")			
	Tilt	ø 160 mm x 475 mm(6.3" x 18.7")			
		HL757-9S Sugarcane			
		Raise (With load): 6.0 Sec.			
Cycle Time		Dump: 1.2 Sec.			
		Lower (empty): 3.1 Sec.			
		Total: 10.3 Sec.			

BRAKES	RAKES		
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	Helical gear type, 118.7 ℓ /min (31.4 gal/min)@governed rpm			
Relief Valve Setting	210 kg/cm ² (2,986 psi)			
Cylinder	Double acting 70 mm (2.8") x 436 mm (17.2")			
Steering Angle	40° (each direction)			
Feature	Center-point frame articulation			
reature	Tilt and telescopic steering column			

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)

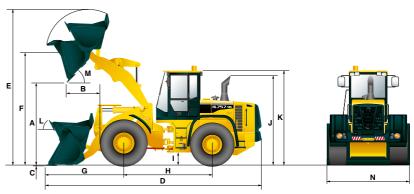
The system hold 0.85kg refrigerant consisting of a CO2 equivalent 1.22kg metric tonne. For more information, Please refer to the manual

SERVICE REFILL CAPACITIES			
Fuel tank	246 liters (65 USgal)		
Cooling system	35 liters (9.2 USgal)		
Crankcase	18 liters (4.8 USgal)		
Transmission	28 liters (7.4 USgal)		
Front axle	32 liters (8.5 US gal)		
Rear axle	24 liters (6.3 USgal)		
Hydraulic tank	155 liters (40.9 USgal)		
Hydraulic System (Including Tank)	235 liters (62.1 USgal)		

DIMENSIONS & SPECIFICATIONS

HL757-9SBS DIMENSIONS

All dimensions are approximate



	Dosc	rintion	Unit	HL757-9S Sugarcane		
Description		Oilit	TIL737 33 Sugar carie			
Α	Dumping clearance a and 45 ° dump angle	•	mm (ft-in)	2,650 (8' 8")		
В	Reach	Full lift	mm (ft-in)	1,250 (4' 1")		
C	Digging depth		mm (ft-in)	95 (4")		
D	Overall length	on ground	mm (ft-in)	7,815 (25' 7")		
Ε	Overall height (fully	raised)	mm (ft-in)	5,585 (18' 4")		
F	Bucket pivot height at maximum lift		mm (ft-in)	3,900 (12' 10")		
G	Front overhang		mm (ft-in)	2,805 (9' 2")		
Н	Wheelbase		mm (ft-in)	3,050 (10' 0")		
I	Ground clearance		mm (ft-in)	410 (1' 4")		
J	Height over exhaust	pipe	mm (ft-in)	2,785 (9' 5")		
K	Height over cabin		mm (ft-in)	3,400 (11' 2")		
	Roll back Angle	on ground	deg	41		
L		at carry	deg	46		
М	Dump angle		deg	47		
N	Overall width (with /	without bucket)	mm (ft-in)	2,740 (9') / 2,580 (8' 6")		
	Departure angle Tread Width		deg	28		
			mm (ft-in)	2,050 (6' 9")		

OPERATING SPECIFICATIONS	WITH B	UCKETS					
Linkage		D	alt On Cutting False		HOOK ON	1 Dalt On Taath	2 Dalt On Taath
Bucket Type		Bolt-On Cutting Edges			HOOK ON Type	Type	2-Bolt-On Tooth Type
Edge Type		Туре			Туре	Туре	Туре
Canacity Dated	m3	2.7	4.5	5.0	2.7	2.6	2.6
Capacity – Rated	yd3	3.50	5.90	6.50	3.50	3.40	3.40
Capacity - Rated at 110% Fill Factor	m3	3.0	5.0	5.5	3.0	2.9	2.9
Capacity – Rated at 110% Fill Factor	yd3	3.90	6.50	7.20	3.90	3.70	3.70
Width	mm	2,740	2,740	2,740	2,740	2,790	2,810
widti	ft/in	8'12"	8'12"	8'12"	8'12"	9'2"	9'3"
Dump Clearance at Maximum Lift	mm	2,850	2,650	2,650	2,665	2,760	2,725
and 45° Discharge	ft/in	9'4"	8'8"	8'8"	8'9"	9'1"	8'11"
Reach at Maximum Lift	mm	1,060	1,250	1,250	1,240	1,140	1,150
and 45° Discharge	ft/in	3'6"	4'1"	4'1"	4'1"	3'9"	3'9"
Dissels a Double	mm	95	95	95	95	105	115
Digging Depth	ft/in	0'4"	0'4"	0'4"	0'4"	0'4"	0'5"
Chinning Langth (with Dunlert)	mm	7,540	7,815	7,815	7,800	7,660	7,690
Shipping Length (with Bucket)	ft/in	24'9"	25'8"	25'8"	25'7"	25'2"	25'3"
Overall Height with Bucket	mm	5,240	5,565	5,585	5,405	5,240	5,240
at Maximum Lift	ft/in	17'2"	18'3"	18'4"	17'9"	17'2"	17'2"
Loader Clearance Circle	mm	12,410	12,580	12,580	12,570	12,530	12,580
with Bucket at Carry Position	ft/in	40'9"	41'3"	41'3"	41'3"	41'1"	41'3"
Static Tipping Load, Straight	kg	11,360	10,760	10,960	10,310	11,560	11,530
(No Tire Deflection)	lb	25,045	23,725	24,165	22,730	25,490	25,420
Static Tipping Load, Articulated	kg	9,950	9,500	9,650	9,050	10,100	10,120
(No Tire Deflection)	lb	21,940	20,945	21,275	19,955	22,270	22,315
Dunalizant Fausa	kg	12,720	10,250	10,250	10,400	13,620	13,620
Breakout Force	lb	28,045	22,600	22,600	22,930	30,030	30,030
On averting Maight*	kg	14,535	14,785	14,685	14,915	14,475	14,505
Operating Weight*	lb	32,045	32,600	32,375	32,885	31,915	31,980

DENSITY AND BUCKET SELECTION

DENSITY OF OPERATING MATERIALS		
Loose Material		Material Density [ton / m³]
Earth / Clay		1.5 ~ 1.7
Sand and Gravel		1.5 ~ 1.7
Aggragata	25 ~ 76 mm (1 to 3 in)	1.6 ~ 1.7
Aggregate	19 mm (0.75 in) and smaller	1.8

								-	Materia	l Densi	ty [t/m³]]						
Туре	m³	0.6	0.7	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.
	2.7									:	3.1 m ³					2.6 m	3	
Bolt-On Cutting Edges Type	4.5		!	5.2 m³				2.6 m	3									
	5.0	!	5.8 m³				4.8 m	3										
HOOK ON Type	2.7							3	3.1 m³					2.6 m	1 ³			
1-Bolt-On Tooth Type	2.6										3	3.0 m ³					2.5 m	ŝ
2-Bolt-On Tooth Type	2.6										3	3.0 m ³					2.5 m	3

CHANGE IN OPERATING SPECIFICATIONS -	TIRES		
Tires		20.5-25 16PR L5	20.5-25 16PR L3
Operating weight(kg)	kg	476	-84
Operating weight(kg)	lb	1,050	-185
Ctatic Timing Load Ctucight (No Time Deflection)	kg	340	-60
Static Tipping Load, Straight (No Tire Deflection)	lb 750	-130	
	kg	290	-50
Static Tipping Load, Articulated (No Tire Deflection)	(No Tire Deflection) lb 640 -110	-110	

^{**} Dimension changes compared to 20.5R25 XHA* tires.

STANDARD / OPTION

CABIN & INTERIOR	STD	OPT
ALARMS, AUDIBLE AND VISUAL		
Air filter clogging	•	
Battery voltage	•	
Brake oil pressure	•	
Engine coolant level	•	
Engine oil pressure	•	
Fuel level	•	
Hydraulic oil temperature	•	
Engine coolant temperature	•	
Parking brake	•	
Service brake oil pressure	•	
Transmission error	•	
Transmission oil temperature	•	
BATTERIES		
1,000 CCA, 12 V, 2 pcs	•	
GAUGES		
Engine coolant temperature	•	
Fuel level	•	
Speedometer	•	
Transmission oil temperature	•	
Horn, electric	•	
INDICATOR LIGHTS		
Parking brake	•	
High beam	•	
Turning light	•	
Clutch Cut Off	•	
Ride control		•
FNR	•	
LCD DISPLAY		
Transmission gear range indicator	•	
Clock and fault code	•	
Job time and distance	•	
Operating hour counter	•	
Engine rpm	•	
Horn, electric	•	
LIGHTING SYSTEM	ı	
Brake lights(Counterweight)	•	
LED dome light	•	
2 stop and tail lights	•	
4 turn signals	•	
2 Head lights on front tower	•	
2 Working lights on front roof		•
4 Working lights (LED) on front roof		
2 Working lights (LED) on rear roof	•	
2 Working lights (LED) on grill	•	

CABIN & INTERIOR	STD	OPT
SWITCHES	'	
Hazard	•	
Parking	•	
Battery master switch	•	
FNR shifter	•	
Clutch cut off	•	
Emergency steering		•
Ignition key	•	
Main light	•	
Work light	•	
Mirror heat	•	
Rear wiper		•
Quick coupler		•
Ride control		•
Beacon light		•
Rear view camera	•	
Reversible fan	•	
CABIN (SOUND SUPPRESSED)		
ROPS/ FOPS Cabin	•	
Coat hook	•	
Rear view mirrors (1 Inside)	•	
Rear view mirrors (2 Outside)	•	
Heated rear view mirror (2 outside)		•
Steering column, tilt and telescopic	•	
Steering wheel with knob	•	
Roller type sunshade (Front window)	•	
Roller type sunshade (Rear window)		•
Tinted safety glass	•	
One door cabin	•	
Magazine pocket	•	
Radio / USB player	•	
Rubber floor mat	•	
Wrist rest & Armrest	•	
24 V to 12 V DC converter (20 A)	•	
Cigar lighter	•	
DOOR		
Door and cabin locks, one key	•	
Doors, service access (Locking)	•	
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	•	
Defroster	•	
Intermittent wiper and washer, front and rear	•	
SEAT		
2" Retractable seat belt & adjustable mechanical suspension (heated)	•	

STANDARD / OPTION

CABIN & INTERIOR	STD	OPT
PERSONAL STORAGE SPACE		
Console box & Storage space	•	
Holder, can and cup	•	
PEDALS		
One accelerator pedal	•	
One brake pedal	•	
ENGINE	STD	OPT
Alternator, 70A	•	
Antifreeze	•	
Fuel warmer		•
Fan guard	•	
Rain cap, engine air intake		•
Pre-cleaner, engine air Instake	•	
Coolant level sight gauge	•	
Reversible fan	•	
ENGINE, CUMMINS, QSB6.7		
Tier-III, Stage IIIA	•	
Fuel / water separator	•	
Radiator	•	
Engine oil level dipstick gauge	•	
POWER TRAIN	STD	OPT
Transmission F4 / R3, computer controlled,		
electronic soft shift, auto-shift and kick-down	•	
features included		
Torque converter	•	
Transmission oil gauge level	•	
Transmission oil cooler	•	
Travel speed limiter (20-40 km/h)	•	
FRONT AXLE		
Open differential		•
Limited slip differential	•	
REAR AXLE		
Open differential		•
Limited slip differential	•	
BRAKE		
Service brake (Enclosed wet-disk)	•	
Parking brake	•	
TYRES		
20.5-25, 16PR, L3		•
20.5-25, 16PR, L5		•
20.5 R25,XHA*	•	
HYDRAULIC SYSTEM	STD	OPT
Boom kickout	•	
Bucket positioner	•	
Diagnostic pressure taps	•	
Hydraulic oil cooler	•	
Hydraulic oil level sight gauge	•	
Ride control system		•

HYDRAULIC SYSTEM	STD	OPT
Extra piping-for auxiliary function		•
Quick coupler piping		•
SAFETY	STD	OPT
Emergency Stop	•	
Emergency steering		•
Rear view camera	•	
Fire extinguisher	•	
OTHERS	STD	OPT
Articulation locking bar	•	
Lift and tie-down hooks	•	
Loader linkage, sealed	•	
Z-bar design	•	
Vandalism protection caplocks	•	
E-Horn	•	
Tool kit		•
BUCKET		
5.0m³ Cutting Edge, Bolt-on type	•	
4.5m³ Cutting Edge, Bolt-on type		•
2.7m³ Cutting Edge, Bolt-on type		•
2.7m³ Cutting Edge, Hook-on type		•
2.6m³ 1 Piece Tooth, Bolt-on type		•
1.9m³ 2 Piece Tooth, Bolt-on type		•
2.6m³ 2 Piece Tooth, Bolt-on type		•
COUNTERWEIGHT		
Counterweight	•	
Drawbar with pin	•	
ERGONOMICALLY LOCATED AND SLIP RESIST	ANT, LEFT & RIGI	1
Handrails	•	
Ladders	•	
Platforms	•	
Steps	•	
GUARDS		
Fenders (Front / Rear)	•	
Mud Guard		•
TELEMETICS		
ECD (Engine connected Diagnostics)	•	
Hi MATE		•
* Standard and optional equipment may vary.		

- * 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.

MEMO

IEMO	MEMO	