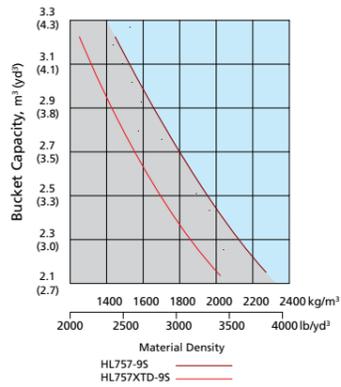


BUCKET SELECTION GUIDE



SUPPLEMENTAL SPECIFICATIONS

Description	Change in operating weight kg(lb)	Change in static tipping load-straight kg(lb)	Change in static tipping load-40° turn kg(lb)
17.5-25 12PR L3	-248 (-547)	-180 (-400)	-160 (-350)
20.5-25 16PR L2	-64 (-141)	-50 (-110)	-40 (-90)
20.5 R25 XHA*	+507 (+1,118)	+380 (+840)	+330 (+730)

STANDARD EQUIPMENT

<p>Electrical system Alternator, 70A Alarms, audible and visual - air filter clogging - transmission error - alternator voltage - brake oil pressure - engine oil pressure - parking brake - fuel level - hydraulic oil temperature - coolant temperature - service brake oil pressure Alarm, back-up Batteries, 950 CCA, 12V, (2) Gauges - engine coolant temperature - fuel level - hydraulic oil temperature - speedometer - transmission oil temperature - voltmeter Horn, electric Indicator lights - clutch cut-off - high beam - turn signal LCD Display - clock and fault code - operating hour counter - engine rpm</p>	<p>- transmission gear range indicator - job time and distance - temperature(coolant, hydraulic oil, T/M oil) Lighting system - 1 LED dome light - 2 stop and tail lights - 4 turn signals - brake lights(counterweight) - 2 head lights on front tower - 2 working lights on front roof - 2 working lights on grill Switches - clutch cut-off - hazard - Ignition key, start/stop switch - main light(illumination and head light) - parking - rear wiper & washer - work light - battery mater switch Starter, electric Starting and charging system (24-volt) Cab Cab, ROPS/FOPS (sound suppressed and pressurized) with : - cigar lighter & ashtray</p>	<p>- coat hook Automatic climate control - air conditioner & heater - defroster - intermittent wiper and washer, front and rear - personal storage space: holder, can and cup - rear view mirrors (1 inside) - rear view mirrors (2 outside) - 2" static seat belt & mechanical seat with armrests - tilt / telescopic steering column - steering wheel with knob - roller type sunshade (front / rear) - tinted safety glass Magazine pocket Pedals - one accelerator pedal - one brake pedal Rubber floor mat Wrist rest Radio/USB player Engine Antifreeze Engine, Cummins QSB6.7 - Low Emission Diesel, Tier-III 3 operating mode - power/standard/econo</p>	<p>Engine enclosure, lockable Engine fuel priming pump Fan guard Fuel/water separator Fuel warmer Muffler, under hood with large exhaust stack Rain cap, engine air intake Radiator (Deaeration type) Starting aid (air intake heater) Water sensor on fuel filter Power Train Brakes : Service, enclosed wet-disc Parking brake Torque converter Transmission, computer-controlled, electronic soft shift, auto-shift and quick-shift features included Transmission oil cooler Hydraulics Boom kickout, automatic Bucket positioner, automatic Diagnostic pressure taps Hydraulic system, - 2 spool, single lever, pilot control for boom and bucket actuation Steering, load-sensing Remote cooling fan, hydraulically-driven, temperature sensing type</p>	<p>Others Articulation locking bar Coolant level sight gauge Counterweight Door and cab locks, one key Doors, service access(locking) Drawbar with pin Engine oil level dipstick gauge Ergonomically located and slip resistant, left & right - handrails - ladders - platforms - steps Fenders(front/rear) Guard, bucket cylinder rod Hydraulic oil level sight gauge License plate bracket Lift and tie-down hooks Steering stops, cushioned Tires(20.5-25, 16PR,L3) Transmission oil level gauge Vandalism protection caplocks 3rd fuel filter</p>
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OPTIONAL EQUIPMENT

<p>24-volt to 12-volt DC converter Climate control : - air conditioner only - heater only Beacon light, rotating Auxiliary, 2 working lights on front roof (Xenon working lights) Auxiliary, 2 working lights on rear roof 3 piece cutting edge, bolt-on type</p>	<p>Secondary steering system Fire extinguisher High lift arrangement with optional counterweight, 840 kg (1,850 lb) 3rd spool for auxiliary function Mud guard Operator suit Reversible cooling fan Ride control system Heated rear view mirrors (2 outside)</p>	<p>Seat - 2" static seat belt & adjustable mechanical suspension(vinyl) - 3" retract seat belt & adjustable mechanical suspension - 2" retractable seat belt & adjustable air suspension (heated) Pallet Forks Tires :</p>	<p>- 17.5 - 25, 12PR, L3 - 20.5 - 25, 16PR, L2 - 20.5 R25 XHA* - 20.5 - 25, 16PR, L5 - 28L - 26, 20PR, LS2 Tool kit Tooth, 1 piece, bolt-on type Guards - crankcase - transmission Wheel chock</p>	<p>Hi-Mate (Remote Management System) Rear view camera License plate & lamp Pre-cleaner engine air intake Limited Slip Differential Fuel warmer</p>
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Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards. All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

www.hyundai-ce.com

2012.07 Rev. 0

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We build a better future

HL757-9S

With Tier 3 Engine installed



*Photo may include optional equipment.

HYUNDAI
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Specifications & Dimensions

ENGINE

Maker/Model	CUMMINS QSB6.7	Bore x Stroke	107 mm (4.21") x 124 mm (4.88")
Type	4-cycle, turbocharged, charge aircooled direct injection, electronic controlled diesel engine	Displacement	6.7 l (409 cu in)
Gross power	173 HP(129 kW) / 2,100rpm	Compression ratio	17.2 : 1
Net power	164 HP(122 kW) / 2,100rpm	Air cleaner	Dry, dual elements
Maximum torque	83 kg-m(600 lb-ft) / 1,400rpm	Alternator	24V, 70 Amp
No. of cylinders	6	Battery	2 x 12V, 130 Ah.
		Starting motor	24V, 3.7 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	Travel speed	km/h (mph)
Tire	20.5-25, L3	Forward	
		1st	6.9(4.3)
		2nd	11.4(7.1)
		3rd	22.7(14.1)
		4th	36.0(22.4)
		Reverse	
		1st	7.2(4.5)
		2nd	12.0(7.5)
		3rd	23.8(14.9)

※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.

AXLES

Drive system	Four-wheel drive system	Hub reduction	Planetary reduction at wheel end
Mount	Rigid front axle and oscillating rear axle	Differential	Conventional
Rear axle oscillation	±11° (total 22°)	Reduction ratio	23.680

HYDRAULIC SYSTEM

Type	Open-centered, tandem circuit system, pilot-operated controls	Bucket Controls	Type Pilot operated lift and tilt circuit, single-lever(joystick) control standard.
Pump	Gear type, 225 liters/min 59.4 gal/min	Lift Circuit	The valve has four functions ; raise, hold, lower and float. Can adjust automatic kickout from horizontal to full lift.
Control valve	2spool (Bucket, Boom) 3spool (Bucket, Boom, Aux) Pilot pressure controlled type System pressure : 210 kgf/cm ² (2,986 PSI)	Tilt Circuit	The valve has three functions ; tilt back, hold and dump. Can adjust automatic bucket positioner to desired load angle.
Cylinders			Type : Double acting No. of cylinders-bore x stroke; Lift HL757-9S/757XTD-9S 2-ø140 mm x 750 mm(5.5" x 29.5") Tilt HL757-9S/757XTD-9S ø160 mm x 475 mm(6.3" x 18.7")
Cycle Time			HL757-9S / HL757XTD-9S
		Raise(with load)	6.0 sec
		Dump	1.2 sec
		Lower(empty)	3.1 sec
		Total	10.3 sec

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	Helical gear type, 112.5 l/min (29.7 gal/min)@governed rpm
Relief Valve Setting	210 kg/cm ² (2,986 psi)
Cylinder	Type Bore x Stroke Double acting 70mm (2.8") x 436mm (17.2")
Steering Angle	40°(each direction)

Features
- Center-point frame articulation. - Tilt and telescopic steering column.

SERVICE REFILL CAPACITIES

Fuel tank	246 liters (65 USgal)	Front axle	32 liters (8.5 USgal)
Cooling system	35 liters (9.2 USgal)	Rear axle	24 liters (6.3 USgal)
Crankcase	18 liters (4.8 USgal)	Hydraulic tank	155 liters (40.9 USgal)
Transmission	28 liters (7.4 USgal)	Hydraulic system (including tank)	215 liters (56.8 USgal)

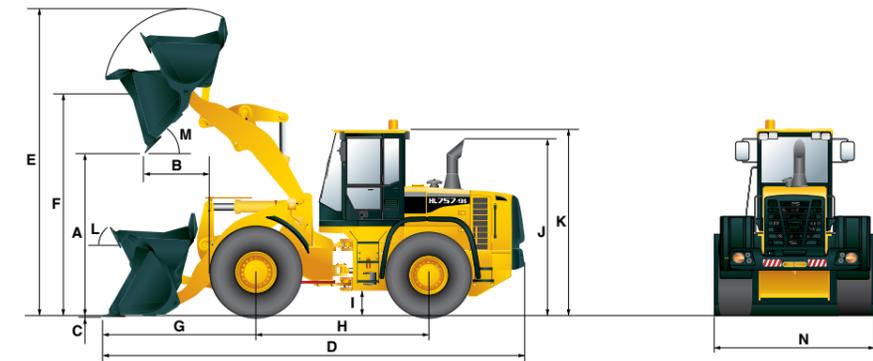
OVERVIEW

Description	UNIT	HL757-9S	HL757XTD-9S
Operating weight	kg (lb)	14,000 (30,860)	14,500 (31,970)
Bucket capacity	Heaped	m ³ (yd ³) 2.7 (3.5)	2.7 (3.5)
	Struck	m ³ (yd ³) 2.3 (3.0)	2.3 (3.0)
Breakout force-bucket	kg (lb)	12,720 (28,040)	12,560 (27,690)
Tipping load	Straight	kg (lb) 11,100 (24,470)	9,680 (21,340)
	Full turn	kg (lb) 9,730 (21,450)	8,450 (18,630)

TIRES

Type	Tubeless, loader design tires
Standard	20.5-25, 16 PR, L3
Options include	17.5-25, 12 PR, L3 20.5-25, 16 PR, L2 20.5 R25 XHA* 20.5-25, 16 PR, L5

DIMENSIONS



Description	UNIT	HL757-9S	HL757XTD-9S
Bucket Type		General purpose bolt-on cutting edge	
A. Dumping clearance at max. height and 45° dump angle.	mm (ft-in)	2,860 (9' 5")	3,270 (10' 9")
B. Reach	Full lift	mm (ft-in) 1,040 (3' 5")	1,060 (3' 6")
	7ft height	mm (ft-in) 1,590 (5' 3")	1,950 (6' 5")
C. Digging depth	mm (in)	95 (3.7")	130 (5.1")
D. Overall length	on ground	mm (ft-in) 7,540 (24' 9")	7,970 (26' 2")
	at carry	mm (ft-in) 7,480 (24' 6")	7,940 (26' 1")
E. Overall height (fully raised)	mm (ft-in)	5,250 (17' 3")	5,650 (18' 6")
F. Bucket pivot max. height	mm (ft-in)	3,910 (12' 10")	4,320 (14' 2")

Description	UNIT	HL757-9S	HL757XTD-9S
G. Front overhang	mm (ft-in)	2,520 (8' 3")	2,930 (9' 7")
H. Wheelbase	mm (ft-in)	3,050 (10')	3,050 (10')
I. Ground clearance	mm (ft-in)	410 (1' 4")	410 (1' 4")
J. Height over exhaust	mm (ft-in)	2,785 (9' 5")	2,785 (9' 5")
K. Height over cab	mm (ft-in)	3,400 (11' 2")	3,400 (11' 2")
L. Roll-back angle	on ground	deg	41
	at carry	deg	46
M. Dump angle	deg	47	47
Clearance circle	mm (ft-in)	12,350 (40' 6")	12,720 (41' 9")
N. Overall width(with/ without bucket)	mm (ft-in)	2,740(9')/2,580(8' 6")	2,740(9')/2,580(8' 6")