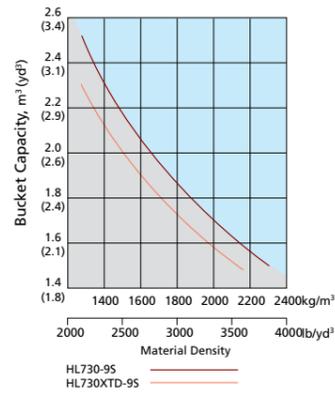


BUCKET SELECTION GUIDE



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 L2	-60 (-132)	-43 (-95)	-38 (-84)
17.5 R25 XHA*	+80 (+176)	+57 (+126)	+50 (+110)

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, 850 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 - transmission gear range</p>	<p>indicator - job time and distance - temperature(coolant, hydraulic oil, T/M oil) Lighting system - 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 rear roof Switches - clutch cut-off - hazard - Ignition key, start/stop switch - main light(illumination and head light) - parking - rear wiper & washer - work light - battery master switch Starter, electric Starting and charging system (24-volt) Cab NON ROPS (sound suppressed and pressurized) with : - cigar lighter & ashtray - coat hook Automatic climate control</p>	<p>- 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" retractable seat belt & adjustable suspension 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 QSB4.5 - low Emission Diesel, Tier-III 3 operating mode - power/standard/econo Engine enclosure, lockable Engine fuel priming pump</p>	<p>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 kick down-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 Remote cooling fan, hydraulically-driven, temperature sensing type Others Articulation locking bar Coolant level sight gauge</p>	<p>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(17.5-25, 12PR,L3) Transmission oil site level Vandalism protection caplocks</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>Differential, Rear : limited slip Secondary steering system Fire extinguisher High lift arrangement with additional counterweight, 410 kg (904 lb) 3rd spool for auxiliary function Mud guard Operator suit Ride control system Heated rear view mirrors (2 outside)</p>	<p>Seat - 2" static seat belt & adjustable mechanical suspension - 3" static seat belt & adjustable mechanical suspension - 2" retractable seat belt & adjustable air suspension (heated) Tires : - 17.5 - 25, 12PR, L2</p>	<p>- 17.5 R25 XHA* Tool kit Tooth, 1 piece, bolt-on type Guards - crankcase - transmission Wheel chock HI-Mate (Remote Management System) Rear view camera</p>	<p>Dual-brake pedal Roller type sunshade(rear window) Pre-cleaner engine air intake Limited slip differential License plate & lamp Cab, ROPS(ISO 3471) / FOPS(ISO 3449)</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

2012.8 Rev. 0

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We build a better future

HL730-9S

With Tier 3 Engine installed



*Photo may include optional equipment.

HYUNDAI
HEAVY INDUSTRIES CO.,LTD.

Specifications & Dimensions

ENGINE

Maker/Model	CUMMINS QSB4.5	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	4.5 l (275 cu in)
Gross power	125 HP(93 kW) / 2,100rpm	Compression ratio	17.2 : 1
Net power	119 HP(89 kW) / 2,100rpm	Air cleaner	Dry, dual elements
Maximum torque	56 kg.m(408 lb.ft) / 1,400rpm	Alternator	70 Amp
No. of cylinders	4	Battery	2 x 12V, 100 Ah.
		Starting motor	24V, 4.5 kW

※ No derating for continuous operating required up to 2,133m (6,998ft). 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	17.5-25, L3	Forward	
		1st	6.0(3.7)
		2nd	11.0(6.8)
		3rd	21.8(13.5)
		4th	37.0(23.0)
		Reverse	
		1st	6.3(3.9)
		2nd	11.6(7.2)
		3rd	23.0(14.3)

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	±10° (total 20°)	Reduction ratio	22.0

HYDRAULIC SYSTEM

Type	Open centered, tandem circuit system	Bucket Controls	Type Pilot operated lift and tilt circuit, single-lever(joystick) control standard.
Pump	Gear pump, 138 liters/min (36.5 gal/min)@governed rpm	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 (2,990PSI)	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	HL730-9S/730XTD-9S		2-ø105 mm x 772 mm(4.1" x 30.4")
Tilt	HL730-9S/730XTD-9S		ø120 mm x 510 mm(4.7" x 20.1")
Cycle Time	HL730-9S / HL730XTD-9S		
	Raise(with load)		5.6 sec
	Dump		1.0 sec
	Lower(empty)		3.0 sec
	Total		9.6 sec

BRAKES

Service Brakes	Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axle-by-axle system Self adjusting & in board brake
Parking Brake	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	Gear pump, 73 l/min 19.3 gal/min
Relief Valve Setting	210 kg/cm ² (2,990 psi)
Cylinder	Type Bore x Stroke Double acting 60mm x 412mm(2.4" x 16.2")
Steering Angle	40°(each direction)

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

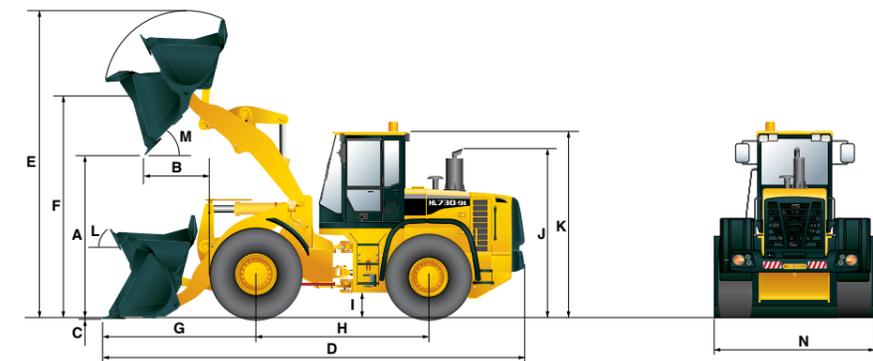
SERVICE REFILL CAPACITIES

Fuel tank	200 liters (52.8 USgal)	Front axle	17.7 liters (4.7 USgal)
Cooling system	30 liters (7.9 USgal)	Rear axle	17.7 liters (4.7 USgal)
Crankcase	11 liters (2.9 USgal)	Hydraulic tank	92 liters (24.3 USgal)
Transmission	20 liters (5.3 USgal)	Hydraulic system (including tank)	135 liters (35.7 USgal)

OVERVIEW

Description	UNIT	HL730-9S	HL730XTD-9S
Operating weight	kg (lb)	9,700 (21,400)	9,900 (21,830)
Bucket capacity	Heaped	m ³ (yd ³) 1.8 (2.4)	1.8 (2.4)
	Struck	m ³ (yd ³) 1.5 (2.0)	1.5 (2.0)
Breakout force-bucket	kg (lb)	9,590 (21,140)	9,520 (20,990)
Tipping load	Straight	kg (lb) 7,800 (17,200)	7,080 (15,610)
	Full turn	kg (lb) 6,760 (14,900)	6,120 (13,490)

DIMENSIONS



Description	UNIT	HL730-9S	HL730XTD-9S
Bucket Type	General purpose bolt-on cutting edge		
A. Dumping clearance at max. height and 45° dump angle.	mm (ft-in)	2,730 (8' 11")	3,060 (10")
B. Reach	Full lift	mm (ft-in) 1,005 (3' 4")	1,010 (3' 4")
	7ft height	mm (ft-in) 1,440 (4' 9")	1,730 (5' 8")
C. Digging depth	mm (in)	80 (3.1")	128 (5.0")
D. Overall length	on ground	mm (ft-in) 6,900 (22' 8")	7,190 (23' 7")
	at carry	mm (ft-in) 6,845 (22' 5")	7,155 (23' 6")
E. Overall height (fully raised)	mm (ft-in)	4,790 (15' 9")	5,120 (16' 10")
F. Bucket pivot max. height	mm (ft-in)	3,640 (11' 11")	3,970 (13")

Description	UNIT	HL730-9S	HL730XTD-9S
G. Front overhang	mm (ft-in)	2,315 (7' 7")	2,630 (8' 8")
H. Wheelbase	mm (ft-in)	2,750 (9')	2,750 (9')
I. Ground clearance	mm (ft-in)	370 (1' 3")	370 (1' 3")
J. Height over exhaust	mm (ft-in)	3,010 (9' 11")	3,010 (9' 11")
K. Height over cab	mm (ft-in)	3,170 (10' 5")	3,170 (10' 5")
L. Roll-back angle	on ground	deg	42
	at carry	deg	48
M. Dump angle	deg	48	48
Clearance circle	mm (ft-in)	11,020 (36' 2")	11,300 (37' 1")
N. Overall width	mm (ft-in)	2,450 (8')	2,450 (8')