



# SPECIFICATIONS

## HL955A<sup>TM</sup>



\*Photo may include optional equipment.

**Net Power**

197 hp (147 kW) / 2,200 rpm

**Operating Weight**

36,380 lb (16,500 kg)

**Standard Bucket**

3.5 yd<sup>3</sup> (2.7 m<sup>3</sup>)

building a  
**comfortable**  
tomorrow



# HL955A™ SPECIFICATIONS

## ENGINE

Maker / Model	CUMMINS / B6.7
Type	Tier 4 Final, 4-cycle turbocharged and charge air-cooled diesel engine
Gross Power (SAE J1995)	200 hp (149 kW) at 2,200 rpm
Net Power (SAE J1349)	197 hp (147 kW) at 2,200 rpm
Max. Power	210 hp (157 kW) at 1,900 rpm
Peak Gross Torque (SAE J1995)	730 lb ft (990 N·m) at 1,300 rpm
Displacement	408 in <sup>3</sup> (6.7 ℓ)

## TRANSMISSION

Torque Converter Type		3-elements, single-stage, single phase
Tire		20.5 R25, ★★, L3
Travel Speed		4 speed transmission
Forward	1st	4.4 (7.1)
	2nd	7.3 (11.7)
	3rd	14.7 (23.6)
	4th	24.2 (39.2)
Reverse	1st	4.6 (7.4)
	2nd	7.6 (12.3)
	3rd	15.5 (24.9)

## AXLES

Drive System	Four-wheel drive system
Front	Fixed
Rear Axle Oscillation	± 11°
Hub Reduction	Planetary reduction at wheel end
Differential	Conventional
Reduction Ratio	23.333

## HYDRAULIC SYSTEM

Type	Load sensing hydraulic system
Pump	Variable displacement piston pump,
Control Valve	3-spool (Bucket, Boom, Aux)
System Pressure	3,980 psi (280 bar)
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.

## CYLINDERS

Type			Double acting
No. of cylinders—bore × stroke	Lift	in (mm)	2–4.9" × 29.3" (125 × 745)
	Tilt		2–4.3" × 2'6" (110 × 755)
Hydraulic Cycle Time with Rated Payload	Raise from Carry Position	sec	5.5
	Dump, at maximum raise		2.5
	Lower, empty, float down		3.9
	Total		11.9

## OVERVIEW

Operating Weight		36,380 lb (16,500 kg)
Bucket Capacity	Heaped	3.7 yd³ (2.8 m³)
	Struck	3.1 yd³ (2.4 m³)
Breakout Force-Bucket		28,265 lb (12,800 kg)
Tipping Load	Straight	24,255 lb (11,000 kg)
	Full Turn	21,055 lb (9,550 kg)

## TIRES

Type	Tubeless, loader design tires
Standard	20.5 R25, ★, L3
Options Include	20.5 R25, ★, XHA
	20.5–25, 16PR, L3
	20.5–25, 16PR, L5

## BRAKES

Service Brakes	Hydraulically actuated wet disk brakes actuate all 4 wheels independently. Axle-by-axle system. Self-adjusting and 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
System Pressure	3,046 psi (210 bar)
Cylinder Type	Double acting
No. of cylinders—bore × stroke	2–2.8" (70 mm) × 16.5" (418 mm)
Steering Angle	40° to both right and left
Features	Center-point frame articulation. Tilt and telescopic steering column.

## SERVICE REFILL CAPACITIES

Fuel Tank	60.8 (230)
Def Tank	8.0 (30.1)
Cooling System	11.1 (42)
Crankcase	4.8 (18.0)
Transmission	gal (ℓ) 11.6 (44)
Front Axle	9.2 (35)
Rear Axle	9.2 (35)
Hydraulic Tank	29.1 (110)
Hydraulic System (Including Tank)	50.2 (190)

## CAB NOISE LEVEL

Guaranteed noise levels presented below can differ depending on a range of factors, such as operating conditions, cooling fan speed, engine type, and so forth. Hearing protection may be necessary if an operator is working in an 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)	67 dB(A)
Exterior sound power level (ISO 6395:2008)	103 dB(A)

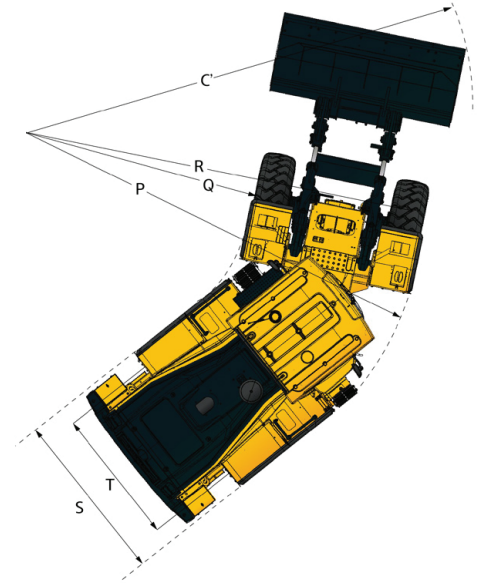
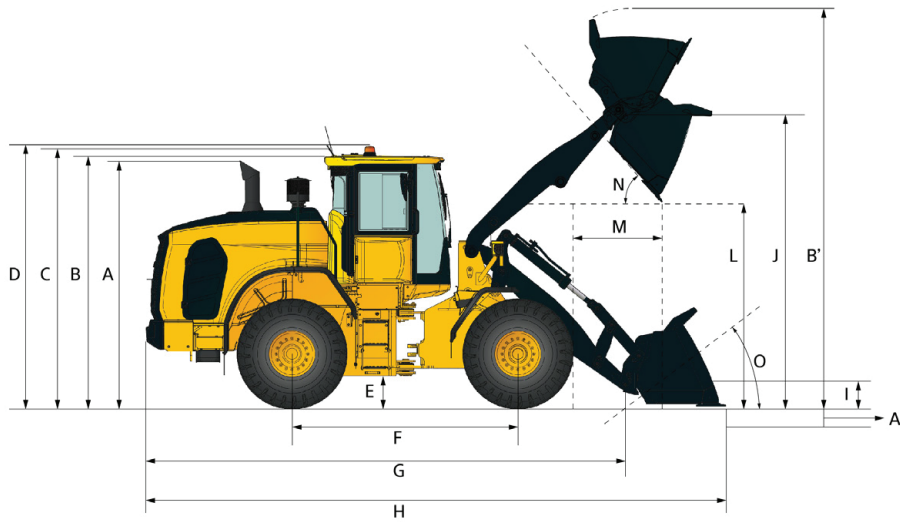
\* Distance of 15 m (49.2 ft), moving forward in second gear ratio.

## CABIN

ROPS / FOPS Cabin Meet ISO 3471 and ISO 3449

# HL955A™ DIMENSIONS

All dimensions are approximate.



Unit: ft in (mm)

DESCRIPTION		
A	Height to Top of Exhaust Pipe	10' 11" (3,320)
B	Overall height (Height to Top of Cabin)	11' 1" (3,390)
C	Height to Top of Product Link Antenna	11' 3" (3,440)
D	Height to Top of Warning Beacon	11' 7" (3,520)
E	Ground Clearance	1' 4" (410)
F	Wheelbase	10' 0" (3,050)
G	Overall Length (Without Bucket)	21' 5" (6,530)
H	Shipping Length (With Bucket Level on Ground)	25' 8" (7,820)
I	Hinge Pin Height at Carry Position	1' 6" (455)
J	Hinge Pin Height at Maximum Lift	13' 2" (4,020)
L	Dump Clearance at Maximum Lift and 45° Discharge	9' 4" (2,850)
M	Reach at Maximum Lift and 45° Discharge	4' 6" (1,360)

Unit: ft in (mm)

DESCRIPTION		
N	Dump Angle at Maximum Lift and Dump (on Stops)	50°
O	Roll Back Angle	Ground
		50°
O		Carry
		54°
P	Clearance Circle (Diameter) to Outside of Tires	36' 7" (11,140)
Q	Clearance Circle (Diameter) to Inside of Tires	19' 7" (5,980)
R	Turning radius (center of outside tire)	17' 5" (5,305)
S	Width Over Tires (Unloaded)	8' 4" (2,530)
	Overall Width (With bucket)	8' 12" (2,740)
T	Tread Width	6' 7" (2,010)
	Gradeability	30°

## OPERATING SPECIFICATIONS WITH BUCKETS

Linkage Bucket Type		Tool Master HCE QC	Tool Master ISO QC
Bucket Type		General Purpose - Hook on	General Purpose - Hook on
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity—Rated	yd <sup>3</sup> (m <sup>3</sup> )	3.5 (2.7)	3.7 (2.8)
Capacity—Rated at 110% Fill Factor		3.9 (3.0)	4.0 (3.1)
Width		8' 12" (2,740)	8' 12" (2,740)
Dump Clearance at Maximum Lift and 45° Discharge		9' 4" (2,850)	8' 9" (2,670)
Reach at Maximum Lift and 45° Discharge		4' 6" (1,360)	5' 0" (1,535)
A' Digging Depth	ft in (mm)	0' 4" (105)	0' 4" (105)
H Shipping Length (with Bucket)		25' 8" (7,820)	26' 6" (8,070)
B' Overall Height with Bucket at Maximum Lift		15' 10" (4,820)	18' 8" (5,700)
C' Loader Clearance Circle with Bucket at Carry Position		41' 2" (12,540)	41' 7" (12,670)
Static Tipping Load, Straight (No Tire Deflection)		24,255 (11,000)	22,710 (10,300)
Static Tipping Load, Articulated (No Tire Deflection)		21,055 (9,550)	19,735 (8,950)
Breakout Force	lb (kg)	28,265 (12,820)	23,590 (10,700)
Operating Weight*		36,380 (16,500)	36,730 (16,660)

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

ENGINE	
ENGINE, CUMMINS, B6.7	
3-stage air precleaner	●
Alternator, 95 A	●
Fuel warmer	●
Engine oil level dipstick gauge	●
Fuel / water separator	●
VGT (Variable Geometry Turbo)	●
CLEAN EMISSION MODULE	
DOC, DPF and SCR	●
Tier 4 Final	●
EGR Free	●
Automatic Regeneration	●
COOLING SYSTEM	
Antifreeze	●
Auto-reversing fan (adjustable time/ interval frequencies) with manual override	●
Coolant level sight gauge	●
Fan guard	●
Wide-fin radiator	●
POWER TRAIN	
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	
20.5 R25, ★★, L3	●
20.5 R25, ★, XHA	○
20.5-25, 16PR, L3	○
20.5-25, 16PR, L5	○
HYDRAULIC 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	●
ELECTRO-HYDRAULIC CONTROL	
Boom kickout, automatic	●
Bucket positioner, automatic	●
Extra piping for auxiliary function	○
Joystick	●
Fingertip	○
Quick coupler piping	●
Ride control system	●
CAB & 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	●
Transmission error	●
Transmission oil temperature	●

CAB & INTERIOR	
GAUGES	
Diesel Exhaust Fluid (DEF) level	●
Engine coolant temperature	●
Fuel level	●
Horn, electric	●
Speedometer	●
Transmission oil temperature	●
INDICATOR LIGHTS	
Clutch cutoff	●
Differential lock	●
Engine auto stop	●
FNR	●
High beam	●
Parking brake	●
Pilot cutoff	●
Ride control	●
Seatbelt 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, 12 V, 2 PCS	●
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 grille	●
2 working lights (LED) on grille	○
SWITCHES	
Battery master switch	●
Differential Lock	●
Emergency steering	○
FNR shifter	●
Hazard	●
Parking	●
Pilot cutoff	●
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	●
Push Start Button	○
CAB (SOUND SUPPRESSED)	
24 V to 12 V DC converter (20 A)	●
Coat hook	●
Magazine pocket	●
One door cab	●
Radio / USB player	●

CAB & INTERIOR	
CAB(SOUND SUPPRESSED)	
Rear view mirrors (1 inside)	●
Rear view mirrors (2 outside, heated)	●
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 and heater	●
Defroster	●
Intermittent wiper and washer, front and rear	●
SEAT	
Adjustable, heated, air-suspension seat with 3" retractable seatbelt	●
PERSONAL STORAGE SPACE	
Console box	●
Holder, can and cup	●
PEDALS	
Accelerator pedal without ECO switch	●
Dual-brake pedal	○
One accelerator pedal	●
One brake pedal	●
SAFETY	
Alarm, back-up	●
Boom safety lock	○
Emergency steering	○
Emergency stop	●
Fire extinguisher	○
OBJECT DETECTION	
AAVM (All Around View Monitoring)	○
IMOD (Intelligent Moving Object Detection)	○
RADAR + secondary monitor	○
OTHERS	
2nd monitor	○
3-Spool MCV	●
5 speed T/M with lockup clutch	○
Air compressor	○
Auto engine shut down	●
Auto grease system	○
Articulation locking bar	●
Heavy counterweight	●
ISO Quick Coupler	●
LED beacon lamp	○
License plate and 10 W LED lamp	○
Lift and tie-down hooks	●
Loader linkage, sealed	●
Sun shade on rear window of the cabin	○
Vandalism protection caplocks	●
Wheel chocks	○
SAFETY	
Handrails	●
Ladders	●
Platforms	●
Steps	●
TELEMATICS	
ECD (Engine Connected Diagnostics)	●
Hi MATE—Mobile (4G)	●
Hi MATE—Satellite	○
GUARDS	
Belly-pan guard	○
Crankcase	●
Fenders (front)	●
Fenders (rear)	○
Transmission	●

\* 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.



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



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