

Gross Power
200 HP (149 kW) / 2,200 rpm

Net Power
197 HP (147 kW) / 2,200 rpm

Bucket Capacity
2.7 m³ (3.50 yd³)

Operating Weight
16,500 kg (36,380 lb)

HL955A™

With EU Stage V Engine installed

▲ HYUNDAI CONSTRUCTION EQUIPMENT

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SPECIFICATIONS

ENGINE	
Maker / Model	CUMMINS / B6.7 / EU Stage V
Type	4-cycle, turbocharged charge aircooled, direct injection, electronic controlled, 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)	990 N·m (730 lb.ft) at 1,300 rpm
Displacement	6.7 l (409 cu in)
Cooling method	Water Cooling
Number of cylinders and arrangement	4 cylinders, in line
Firing order	1-5-3-6-2-4
Combustion chamber type	Direct injection type
Cylinder bore x stroke	107 x 124 mm (4.2" x 4.9")
Compression ratio	17.3 : 1
Engine oil quantity	18 l (4.8 U.S. gal)
Wet weight	583 kg (1,285 lb)
Starter motor	24V - 7.8kW
Alternator	24V - 95Amp
Battery	2 x 12V x 150Ah

HYDRAULIC SYSTEM (MAIN PUMP)	
Type	Load sensing hydraulic system
Pump	Variable displacement piston pump
Rated oil quantity	220 l /min (58.1 U.S. gpm)
Control Valve	2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux)
System Pressure	280 bar (4,061 psi)
Lift Circuit	The valve has four functions: Raise / Hold / Lower / Float adjustable automatic kickout from horizontal to full lift.
Tilt Circuit	The valve has three functions: Tilt back / Hold / Dump adjustable automatic bucket positioner to desired load angle.
Cylinder	Type: double acting No. of cylinders-bore x stroke Lift 2-125 x 745 mm (4.9" x 2' 5") Tilt 2-110 x 755 mm (4.3" x 2' 6")
Cycle Time	Raise : 5.5 Sec. / Dump : 2.5 Sec. Lower : 3.9 Sec. / Total : 11.9 Sec.

* Hyundai Bio Hydraulic Oil (HBHO) available

TRANSMISSION		
4-speed transmission	Model	ZF 4WG 190
	Type	Torque Converter 3-Elements, Single-stage, Single-phase Transmission Full-automatic power shift
5-speed transmission	Model	ZF 5WG 210
	Type	Torque Converter 3-Elements, Single-stage, Single-phase Transmission Full-automatic power shift

Travel Speed	4 speed T/M		5 speed T/M	
	km/h (mph)		km/h (mph)	
Forward	1st	7.1 (4.4)	6.5 (4.0)	
	2nd	11.7 (7.3)	11.4 (7.1)	
	3rd	23.6 (14.7)	17.6 (10.9)	
	4th	39.2 (24.4)	27.3 (17.0)	
	5th	-	40 (24.9)	
Reverse	1st	7.4 (4.6)	6.9 (4.3)	
	2nd	12.3 (7.6)	12 (7.5)	
	3rd	24.9 (15.5)	28.8 (17.9)	
Brake Distance	131 m		(42' 12" ft/in)	

* 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	23.333

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

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 (STEERING PUMP)	
Type	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump, 220 lpm
Rated oil quantity	220 l /min (58.1 U.S. gpm)
System Pressure	210 bar (3,046 psi)
Cylinder	Double acting 2-70 x 418 mm (2.8" x 1' 4")
Steering Angle	40° to both right and left angle, respectively
Features	Center-point frame articulation. Tilt and telescopic steering column.

* Hyundai Bio Hydraulic Oil (HBHO) available

SERVICE REFILL CAPACITIES	
Fuel Tank	230.0 liters (60.8 US gal)
DEF Tank	30.1 liters (8.0 US gal)
Cooling System	42.0 liters (11.1 US gal)
Crankcase	18.0 liters (4.8 US gal)
Transmission	44.0 liters (11.6 US gal)
Front Axle	35.0 liters (9.2 US gal)
Rear Axle	35.0 liters (9.2 US gal)
Hydraulic Tank	110.0 liters (29.1 US gal)
Hydraulic System (Including Tank)	190.0 liters (50.2 US gal)

CABIN	
ROPS / FOPS meet ISO 3471 and ISO 3449	

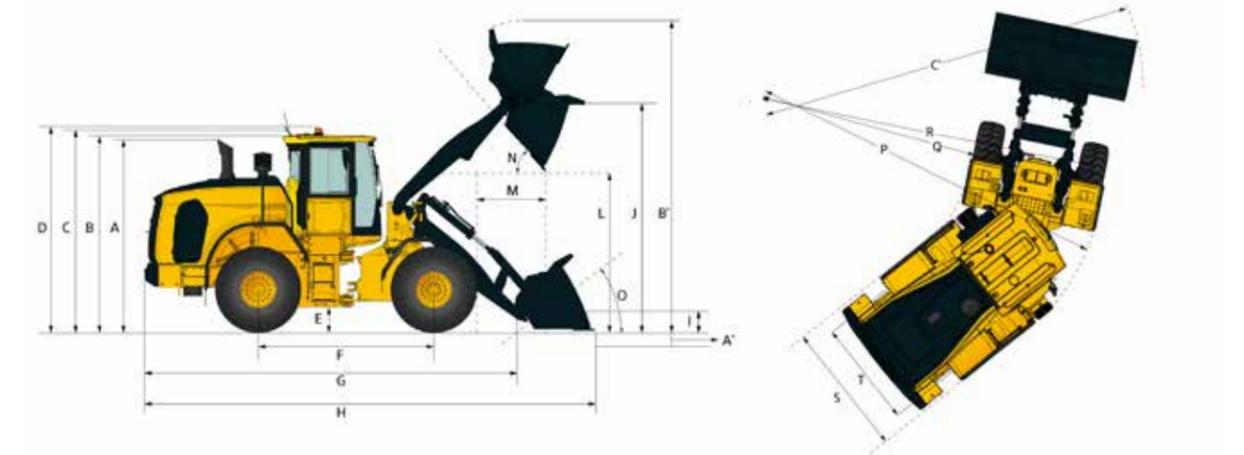
SOUND	
Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open.	
Operator sound pressure level (ISO 6396:2008)	67 dB(A)
Exterior sound power level (ISO 6395:2008)	103 dB(A)

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

OVERVIEW		HL955A TM	
Operating weight	kg (lb)	16,500 (36,380)	
Bucket capacity	Heaped	m³ (yd³)	2.70 (3.50)
	Struck	m³ (yd³)	2.30 (3.00)
Breakout force-bucket	kg (lb)	12,820 (28,265)	
Tipping Load	Straight	kg (lb)	11,000 (24,255)
	Full	kg (lb)	9,550 (21,055)

DIMENSIONS & SPECIFICATIONS

DIMENSIONS



Unit : mm (ft - in)

MODEL	HL955A TM
A Height to Top of Exhaust Pipe	3,320 (10' 11")
B Overall height (Height to Top of Cabin)	3,390 (11' 1")
C Height to Top of Product Link Antenna	3,440 (11' 3")
D Height to Top of Warning Beacon	3,520 (11' 7")
E Ground Clearance	410 (1' 4")
F Wheelbase	3,050 (10' 0")
G Overall Length (Without Bucket)	6,530 (21' 5")
H Shipping Length (With Bucket Level on Ground)	7,820 (25' 8")
I Hinge Pin Height at Carry Position	455 (1' 6")
J Hinge Pin Height at Maximum Lift	4,020 (13' 2")

MODEL	HL955A TM
L Dump Clearance at Maximum Lift and 45° Discharge	2,850 (9' 4")
M Reach at Maximum Lift and 45° Discharge	1,360 (4' 6")
N Dump Angle at Maximum Lift and Dump (on Stops)	50°
O Roll Back Angle	50° (Ground) 54° (Carry)
P Clearance Circle (Diameter) to Outside of Tires	11,140 (36' 7")
Q Clearance Circle (Diameter) to Inside of Tires	5,980 (19' 7")
R Turning radius (center of outside tire)	5,305 (17' 5")
S Width Over Tires (Unloaded)	2,530 (8' 4")
T Overall Width (With bucket)	2,740 (8' 12")
T Tread Width	2,010 (6' 7")
Gradeability	30°

OPERATING SPECIFICATIONS WITH BUCKETS

		Tool Master HCE QC	Tool Master ISO QC
		General Purpose - Hook on Bolt - On Cutting Edges	General Purpose - Hook on Bolt-On Cutting Edges
Capacity - Rated	m³ (yd³)	2.7 (3.50)	2.8 (3.70)
Capacity - Rated at 110% Fill Factor	m³ (yd³)	3.0 (3.90)	3.1 (4.00)
Width	mm (ft/in)	2,740 (8' 12")	2,740 (8' 12")
Dump Clearance at Maximum Lift & 45° Discharge	mm (ft/in)	2,850 (9' 4")	2,670 (8' 9")
Reach at Maximum Lift & 45° Discharge	mm (ft/in)	1,360 (4' 6")	1,535 (5' 0")
A' Digging Depth	mm (ft/in)	105 (0' 4")	105 (0' 4")
H Shipping Length (with Bucket)	mm (ft/in)	7,820 (25' 8")	8,070 (26' 6")
B' Overall Height with Bucket at Maximum Lift	mm (ft/in)	4,820 (15' 10")	5,700 (18' 8")
C' Loader Clearance Circle with Bucket at Carry Position	mm (ft/in)	12,540 (41' 2")	12,670 (41' 7")
Static Tipping Load. Straight (No Tire Deflection)	kg (lb)	11,000 (24,255)	10,300 (22,710)
Static Tipping Load. Articulated (No Tire Deflection)	kg (lb)	9,550 (21,055)	8,950 (19,735 lb)
Breakout Force	kg (lb)	12,820 (28,265)	10,700 (23,590)
Operating Weight*	kg (lb)	16,500 (36,380)	16,660 (36,730)

BUCKET SELECTION CHART

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

HL930A TM BUCKET SELECTION CHART

Standard Lift Arm - General Purpose Bucket

Type	m ³ (yd ³)	Material Density [ton / m ³]													
		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
Tool Master HCE QC mounted Cutting edge Cutting edge Q/C	2.7 (3.50)	3.1 m ³ (4.00 yd ³)							2.6 m ³ (3.40 yd ³)						
Tool Master ISO QC mounted Cutting edge	2.8 (3.70)	3.2 m ³ (4.18 yd ³)							2.7 m ³ (3.53 yd ³)						

115% 100% 95%

CHANGE IN OPERATING SPECIFICATIONS - TIRES

Tires		20.5-25 16PR L5	20.5 R25 XHA	20.5-25 16PR L3
Operating Weight (kg)	kg	+440	-52	-108
	lb	+975	-110	-235
Static Tipping Load, Straight (No Tire Deflection)	kg	+250	-30	-60
	lb	+555	-65	-130
Static Tipping Load, Articulated (No Tire Deflection)	kg	+215	-25	-50
	lb	+475	-55	-110
Vertical Height Changes	mm	+65	-7	-3
	ft/in	+3"	-0.3"	-0.1"
S. Width Over Tires (Unloaded)	mm	+27	-6	-6
	ft/in	+1.1"	-0.2"	-0.2"
P. Clearance Circle (Diameter) to Outside of Tires	mm	+27	-6	-6
	ft/in	+1"	-0.2"	-0.2"
Q. Clearance Circle (Diameter) to Inside of Tires	mm	-27	+6	+6
	ft/in	-1"	+0.2"	+0.2"

** Dimension changes compared to 20.5R25 L3 ★★ radial tires.

STANDARD / OPTION

CAB & INTERIOR	STD	OPT
ALARMS, AUDIBLE AND VISUAL		
Air filter clogging	●	
Battery voltage	●	
Brake oil pressure	●	
DEF low level	●	
Engine coolant level	●	
Engine oil pressure	●	
Fuel level	●	
Hydraulic oil temperature	●	
Engine coolant temperature	●	
Parking brake	●	
Service brake oil pressure	●	
Seat belt ON/OFF	●	
Transmission error	●	
Transmission oil temperature	●	
BATTERIES		
900 CCA, 12 V, 2 pcs	●	
GAUGES		
Diesel Exhaust Fluid (DEF) level	●	
Engine coolant temperature	●	
Fuel level	●	
Speedometer	●	
Transmission oil temperature	●	
Horn, electric	●	
INDICATOR LIGHTS		
Parking brake	●	
High beam	●	
Pilot cut off	●	
Turning light	●	
Seat belt ON/OFF	●	
Engine auto stop	●	
Clutch Cut Off	●	
Ride control		●
Joystick steering		●
FNR		●
Differential Lock		●
LCD DISPLAY		
DEF level	●	
DEF low level	●	
Transmission gear range	●	
Clock and fault code	●	
Job time and distance	●	
Operating hour counter	●	
Engine rpm	●	
Horn, electric	●	
LIGHTING SYSTEM		
Brake lights(Counterweight)	●	
LED dome light	●	
2 stop and tail lights	●	
4 turn signals	●	
2 Head lights on front tower	●	
2 Head lights (LED) on front tower		●
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		●
CAB & INTERIOR		
SWITCHES		
Hazard	●	
DPF	●	
Engine hood open	●	
Parking	●	
Battery master switch	●	
FNR shifter	●	
Pilot cut off	●	
Differential Lock foot switch		●
Emergency steering		●
Air compressor		●
IGNITION		
Key	●	
Button		●
MEMBRANE SWITCHES IN MONITOR		
Main light	●	
Work light	●	
Weighing System	●	
Mirror heat	●	
Auto position	●	
Fine modulation	●	
Rear wiper		●
Auto grease		●
Quick coupler		●
Ride control		●
Beacon light		●
Cam		●
CABIN (SOUND SUPPRESSED)		
ROPS/ FOPS Cabin	●	
Coat hook	●	
Rear view mirrors (1 Inside)	●	
Rear view mirrors (2 Outside, heated)	●	
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 & ashtray		●
DOOR		
Door and Cabin 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		
2" Retractable Seat Belt & Adjustable Mechanical Suspension (HEated)	●	
2" Retractable Seat Belt & Adjustable Air Suspension (HEated)		●
3" Retractable Seat Belt & Adjustable Air Suspension (HEated)		●
PERSONAL STORAGE SPACE		
Console Box	●	
Holder, Can and Cup	●	
PEDALS		
One Accelerator Pedal	●	
One Brake Pedal	●	
Dual-Brake Pedal		●
Accel Pedal Without ECO Switch	●	
Accel Pedal With ECO Switch		●

STANDARD / OPTION

ENGINE	STD	OPT
Alternator, 95A	●	
Antifreeze	●	
Fuel warmer (Single)	●	
Fan guard	●	
Rain cap, engine air intake	●	
Coolant level sight gauge	●	
Centrifugal air precleaner		●
ENGINE, CUMMINS, B4.5		
EU STAGE V / EPA TIER 4 FINAL	●	
Engine fuel priming pump	●	
Fuel / water separator	●	
Radiator	●	
Engine oil level dipstick gauge	●	
CLEAN EMISSION MODULE		
DOC, DPF and SCR	●	
POWER TRAIN	STD	OPT
Transmission F4 / R3, computer controlled, electronic soft shift, auto-shift and kick-down features included	●	
Transmission F5 / R3 with lock-up clutch & thermostat		●
Torque converter	●	
Transmission oil sight level	●	
Transmission oil cooler	●	
Travel speed limiter (20-40 km/h)	●	
FRONT AXLE		
Open differential	●	
Limited slip differential		●
Hydraulic lock differential		●
Hydraulic lock differential - HD		●
REAR AXLE		
Open differential	●	
Limited slip differential		●
BRAKE		
Service brake (Enclosed wet-disk)	●	
Parking brake	●	
TYRES		
20.5R25 L3 ★★	●	
20.5R25 XHA ★		●
20.5-25 L3 16PR		●
20.5-25 L5 16PR		●
HYDRAULIC SYSTEM	STD	OPT
Boom kickout, automatic	●	
Bucket positioner, automatic	●	
Diagnostic pressure taps	●	
Hydraulic oil cooler	●	
Hydraulic oil level sight gauge	●	
Quick coupler piping	●	
EH Control (Joystick)	●	
EH Control (Fingertip)		●
EH Joystick steering		●
Ride control system		●
Secondary steering system		●
Extra piping-for auxiliary function		●
Auto grease system		●
Hyundai Bio Hydraulic Oil (HBHO)		●

MEMO

SAFETY	STD	OPT
Emergency Stop	●	
Emergency steering		●
Rear View Camera		●
Fire extinguisher		●
Boom safety bar		●
OBJECT DETECTION		
AAVM (AVM + IMOD)		●
Radar + Secondary Monitor		●
OTHER	STD	OPT
Articulation locking bar	●	
Lift and tie-down hooks	●	
Loader linkage, sealed	●	
Vandalism protection caplocks	●	
E-Horn	●	
Air compressor		●
Tool kit		●
BUCKET		
2.7m ³ Bolt-on Cutting Edge HCE Type Hook On Bucket	●	
2.8m ³ Bolt-on Cutting Edge ISO Type Hook On Bucket		●
COUNTERWEIGHT		
Counterweight	●	
Drawbar with pin	●	
ERGONOMICALLY LOCATED AND SLIP RESISTANT, LEFT & RIGHT		
Handrails	●	
Ladders	●	
Platforms	●	
Steps	●	
GUARDS		
Fenders (Front / Rear)	●	
Crankcase		●
Transmission		●
Mud Guard		●
TELEMETICS		
ECD (Engine connected Diagnostics)	●	
Hi MATE		●

* 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.