

HL955A™

With EU Stage V Engine Installed

* Photo may include optional equipment.



Head Office(Sales Office)
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PLEASE CONTACT

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
16,500kg (36,380 lb)

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 km/h (mph) | 5 speed T/M km/h (mph) |
| Forward | 1st | 7.1 (4.4) |
| | 2nd | 11.7 (7.3) |
| | 3rd | 23.6 (14.7) |
| | 4th | 39.2 (24.4) |
| | 5th | - |
| Reverse | 1st | 7.4 (4.6) |
| | 2nd | 12.3 (7.6) |
| | 3rd | 24.9 (15.5) |
| 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 | |

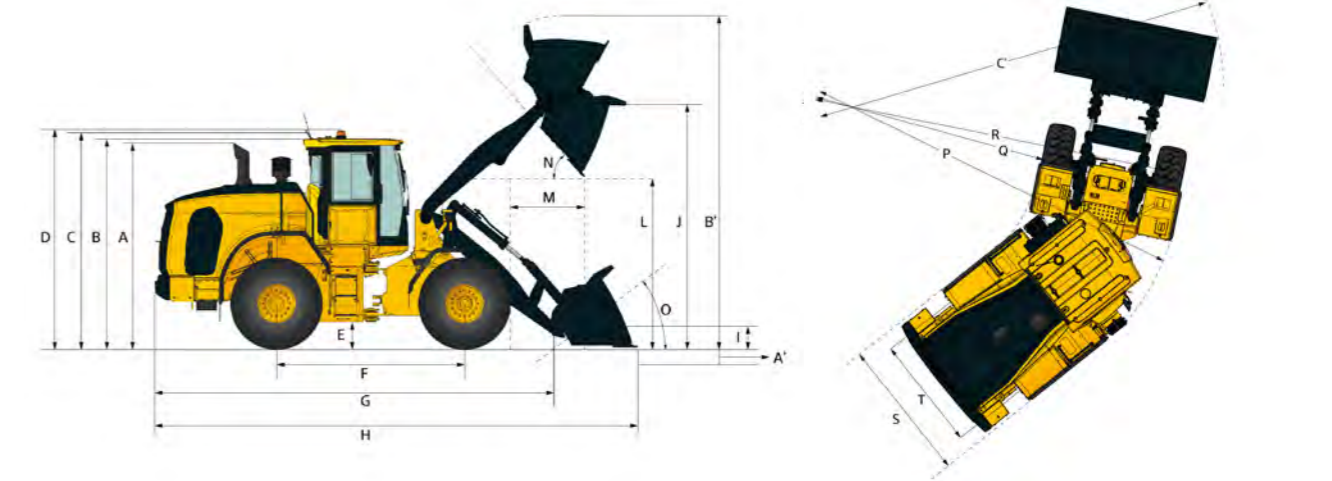
| SOUND | |
|--|-----------|
| Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or 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") |
| 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 |
| Linkage Bucket Type | | | |
| Bucket Type | | | |
| Edge Type | | | |
| 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 | CAB & INTERIOR | STD | OPT |
|--------------------------------------|-----|-----|--|-----|-----|
| ALARMS, AUDIBLE AND VISUAL | | | SWITCHES | | |
| Air filter clogging | ● | | Hazard | ● | |
| Battery voltage | ● | | DPF | ● | |
| Brake oil pressure | ● | | Engine hood open | ● | |
| DEF low level | ● | | Parking | ● | |
| Engine coolant level | ● | | Battery master switch | ● | |
| Engine oil pressure | ● | | FNR shifter | ● | |
| Fuel level | ● | | Pilot cut off | ● | |
| Hydraulic oil temperature | ● | | Differential Lock foot switch | | ● |
| Engine coolant temperature | ● | | Emergency steering | | ● |
| Parking brake | ● | | Air compressor | | ● |
| Service brake oil pressure | ● | | IGNITION | | |
| Seat belt ON/OFF | ● | | Key | ● | |
| Transmission error | ● | | Button | | ● |
| Transmission oil temperature | ● | | MEMBRANE SWITCHES IN MONITOR | | |
| BATTERIES | | | Main light | ● | |
| 900 CCA, 12 V, 2 pcs | ● | | Work light | ● | |
| GAUGES | | | Weighing System | ● | |
| Diesel Exhaust Fluid (DEF) level | ● | | Mirror heat | ● | |
| Engine coolant temperature | ● | | Auto position | ● | |
| Fuel level | ● | | Fine modulation | ● | |
| Speedometer | ● | | Rear wiper | | ● |
| Transmission oil temperature | ● | | Auto grease | | ● |
| Horn, electric | ● | | Quick coupler | | ● |
| INDICATOR LIGHTS | | | Ride control | | ● |
| Parking brake | ● | | Beacon light | | ● |
| High beam | ● | | Cam | | ● |
| Pilot cut off | ● | | CABIN (SOUND SUPPRESSED) | | |
| Turning light | ● | | ROPS/ FOPS Cabin | ● | |
| Seat belt ON/OFF | ● | | Coat hook | ● | |
| Engine auto stop | ● | | Rear view mirrors (1 Inside) | ● | |
| Clutch Cut Off | ● | | Rear view mirrors (2 Outside, heated) | ● | |
| Ride control | | ● | Steering column, tilt and telescopic | ● | |
| Joystick steering | | ● | Steering wheel with knob | ● | |
| FNR | | ● | Roller type sunshade (Front window) | ● | |
| Differential Lock | | ● | Roller type sunshade (Rear window) | | ● |
| LCD DISPLAY | | | Tinted safety glass | ● | |
| DEF level | ● | | One door cabin | ● | |
| DEF low level | ● | | Magazine pocket | ● | |
| Transmission gear range | ● | | Radio / USB player | ● | |
| Clock and fault code | ● | | Rubber floor mat | ● | |
| Job time and distance | ● | | Wrist rest & Armrest | ● | |
| Operating hour counter | ● | | 24 V to 12 V DC converter (20 A) | ● | |
| Engine rpm | ● | | Cigar lighter & ashtray | | ● |
| Horn, electric | ● | | DOOR | | |
| LIGHTING SYSTEM | | | Door and Cabin Locks, One Key | ● | |
| Brake lights(Counterweight) | ● | | Doors, Service Access (Locking) | | ● |
| LED dome light | ● | | Doors, Service Access (Remote Control) | | ● |
| 2 stop and tail lights | ● | | AUTOMATIC CLIMATE CONTROL | | |
| 4 turn signals | ● | | Air conditioner & heater | ● | |
| 2 Head lights on front tower | ● | | Defroster | ● | |
| 2 Head lights (LED) on front tower | | ● | Intermittent wiper and washer, front and rear | ● | |
| 2 Working lights on front roof | ● | | SEAT | | |
| 4 Working lights on front roof | | ● | 2" Retractable Seat Belt & Adjustable Mechanical Suspension (HEated) | ● | |
| 2 Working lights on rear roof | | ● | 2" Retractable Seat Belt & Adjustable Air Suspension (HEated) | | ● |
| 4 Working lights (LED) on front roof | | ● | 3" Retractable Seat Belt & Adjustable Air Suspension (HEated) | | ● |
| 2 Working lights (LED) on rear roof | | ● | PERSONAL STORAGE SPACE | | |
| 2 Working lights on grill | ● | | Console Box | ● | |
| 2 Working lights (LED) on grill | | ● | 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 | | |
| 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 | | |
| 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+(Advanced Around View Monitoring) | | ● |
| Radar + Secondary Monitor | | ● |
| See-through Bucket | | ● |
| OTHER | | |
| 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) | ● | |
| SMART | | ● |

* 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.