

SPECIFICATIONS

HL955

| ENGINE | |
|-------------------|--|
| Maker / Model | CUMMINS / QSB6.7 |
| Type | 4-cycle turbocharged and charge air-cooled diesel engine |
| Gross power | 200 HP (149 kW) / 2,200 rpm |
| Net power | 197 HP (147 kW) / 2,200 rpm |
| Maximum torque | 95 kg.m (685 lb.ft) / 1,400 rpm |
| No. of cylinders | 6 |
| Bore x Stroke | 107 mm (4.21") x 124 mm (4.88") |
| Displacement | 6.7 l (408 cu in) |
| Compression ratio | 17.3 : 1 |
| Air cleaner | Dry, two stage dual elements |
| Alternator | Denso (24 V - 95 A) |
| Battery | 2 x 12 V x 160 Ah |
| Starting motor | Denso PA90L (24 V - 7.8 kW) |

| TRANSMISSION | |
|-----------------------|---------------------------------------|
| Torque converter type | 3-elements, single-stage single-phase |
| Tire | 20.5 R25, L3 |

* 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

| Travel speed, km/h (mph) | | 4 speed T/M | 5 speed T/M with lock up clutch |
|--------------------------|-----|-------------|---------------------------------|
| Forward | 1st | 6.9 (4.3) | 6.4 (4.0) |
| | 2nd | 11.4 (7.1) | 11.1 (6.9) |
| | 3rd | 23.0 (14.3) | 17.1 (10.6) |
| | 4th | 38.5 (23.9) | 26.6 (16.5) |
| | 5th | - | 40.0 (24.9) |
| Reverse | 1st | 7.3 (4.5) | 6.7 (4.2) |
| | 2nd | 12.0 (7.5) | 11.7 (7.3) |
| | 3rd | 24.3 (15.1) | 28.0 (17.4) |

| AXLES | |
|-----------------------|---|
| Drive system | Four-wheel drive system |
| Mount | Rigid front axle and oscillating rear axle |
| Rear axle oscillation | Oscillation $\pm 11^\circ$ of center pin-loaded |
| Hub reduction | Planetary reduction at wheel end |
| Differential | Conventional |
| Reduction ratio | 23.680 |

| HYDRAULIC SYSTEM | |
|------------------|--|
| Type | Load sensing hydraulic system |
| Pump | Variable axial piston pump 185 lpm |
| Control valve | 2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux) |
| System pressure | 280 kgf/cm ² |
| Lift Circuit | Raise / Hold / Lower / Float |
| Tilt Circuit | Tilt back / Hold / Dump |
| Cylinder | HL955 HL955 XT |
| Cycle Time | Lift 125 x 745 mm Tilt 140 x 485 mm Tilt 140 x 490 mm |
| | Raise: 5.8 sec Dump: 1.2 sec Lower: 3.8 sec Total: 10.8 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, hydraulic released brake |
| Emergency Brake | |

| STEERING SYSTEM | |
|----------------------|--|
| Type | Load sensing hydrostatic articulated steering |
| Pump | Variable displacement pump, 109 lpm |
| Relief Valve Setting | 235 kgf/cm ² |
| Cylinder | 65 x 418 (Bore x Stroke) |
| Steering Angle | 40° to both right and left angle, respectively |

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

OVERVIEW

| Description | UNIT | HL955 | HL955 XT | |
|-----------------------|-----------|----------------|----------|--------|
| Operating weight | kg | 15,100 | 15,600 | |
| Bucket capacity | Heaped | m ³ | 2.4 | 2.4 |
| | Struck | m ³ | 2.8 | 2.8 |
| Breakout force-bucket | kg | 13,000 | 12,910 | |
| Tipping load | Straight | kg | 11,580 | 10,080 |
| | Full turn | kg | 10,150 | 8,800 |

SERVICE REFILL CAPACITIES

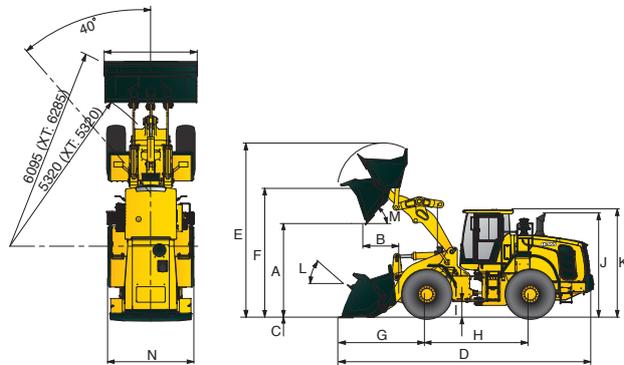
| | |
|-----------------------------------|-------|
| Fuel tank | 250 ℓ |
| DEF tank | 27 ℓ |
| Cooling system | 42 ℓ |
| Crankcase | 18 ℓ |
| Transmission | 33 ℓ |
| Front axle | 32 ℓ |
| Rear axle | 24 ℓ |
| Hydraulic tank | 108 ℓ |
| Hydraulic system (including tank) | 188 ℓ |

TIRES

| | |
|-----------------|--|
| Type | Tubeless, loader design tires |
| Standard | 20.5 R25, *, L3 |
| Options include | 20.5-25, 16 PR, L3 20.5-25, 16 PR, L3 20.5-25, 16 PR, L2 20.5-25, 16 PR, L5 20.5 R25, XHA2 17.5-25, 12 PR, L3 |

DIMENSIONS

All dimensions are approximate.



| Description | UNIT | HL955 | HL955 XT | |
|---|--------------------------------------|---------------|----------------|----------------|
| Bucket Type | General purpose bolt-on cutting edge | | | |
| A. Dumping clearance at max. height and 45° dump angle. | mm (ft-in) | 2,840 (9' 4") | 3,235 (10' 7") | |
| B. Reach | Full lift | mm (ft-in) | 1,095 (3' 7") | 1,115 (3' 7") |
| | 7ft height | mm (ft-in) | 2,840 (9' 4") | 2,580 (8' 6") |
| C. Digging depth | mm (in) | 85 | 120 | |
| D. Overall length | on ground | mm (ft-in) | 7,630 (25' 0") | 8,060 (26' 5") |
| | at carry | mm (ft-in) | 7,535 (24' 9") | 7,985 (26' 2") |

| Description | UNIT | HL955 | HL955 XT | |
|----------------------------------|----------------|-----------------|-----------------|---------------|
| E. Overall height (fully raised) | mm (ft-in) | 5,290 (17' 4") | 5,690 (18' 8") | |
| F. Bucket pivot max. height | mm (ft-in) | 3,940 (12' 1") | 4,340 (14' 3") | |
| G. Front overhang | mm (ft-in) | 2,625 (8' 7") | 3,035 (9' 1") | |
| H. Wheelbase | mm (ft-in) | 3,050 (10' 0") | 3,050 (10' 0") | |
| I. Ground clearance | mm (ft-in) | 410 (1' 4") | 410 (1' 4") | |
| J. Height over exhaust | mm (ft-in) | 3,390 (11' 1") | 3,390 (11' 1") | |
| K. Height over cab | mm (ft-in) | 3,390 (11' 1") | 3,390 (11' 1") | |
| L. Roll-back angle | on ground | deg | 43 | 43 |
| | at carry | deg | 48 | 48 |
| M. Dump angle | deg | 48 | 48 | |
| Clearance circle | mm (ft-in) | 12,220 (39' 1") | 12,570 (41' 3") | |
| N. Overall width | with bucket | mm (ft-in) | 2,740 (8' 6") | 2,740 (8' 6") |
| | without bucket | mm (ft-in) | 2,580 (8' 5") | 2,580 (8' 5") |

| CABIN & INTERIOR | STD | OPT |
|--|-----|-----|
| Alternator, 95 A | | |
| Alarms, audible and visual | | |
| Air filter clogging | ● | |
| Transmission error | ● | |
| Battery voltage | ● | |
| Brake oil pressure | ● | |
| Engine oil pressure | ● | |
| Parking brake | ● | |
| Fuel level | ● | |
| Hydraulic oil temperature | ● | |
| Coolant temperature | ● | |
| Transmission oil temperature | ● | |
| Service brake oil pressure | ● | |
| Coolant level | ● | |
| Water in fuel | ● | |
| Alarm, back-up | ● | |
| Batteries, PT | | |
| 900 CCA, 12 V, (2) | ● | |
| Gauges | | |
| Engine coolant temperature | ● | |
| Fuel level | ● | |
| Speedometer | ● | |
| Transmission oil temperature | ● | |
| Horn, electric | ● | |
| Indicator lights | | |
| T/C lock up | ● | |
| High beam | ● | |
| Turn signal | ● | |
| FNR joystick steering | | ● |
| Pilot cut off | ● | |
| LCD Display | | |
| Clock and fault code | ● | |
| Operating hour counter | ● | |
| Engine rpm | ● | |
| Transmission gear range | ● | |
| 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 grill | ● | |
| Switches | | |
| Hazard | ● | |
| Ignition | ● | |
| Parking | ● | |
| Battery master switch | ● | |
| FNR | ● | |
| Diff, lock | ● | |
| SCR cleaning / inhibit | ● | |
| Secondary steering test | | ● |
| Pilot cut off | ● | |
| Membrane Switches in monitor | | |
| Main light | ● | |
| Work light | ● | |
| Auto grease | | ● |
| Quick coupler | | ● |
| Ride control | ● | |
| Beacon lamp | | ● |
| Rear wiper | ● | |
| Mirror heat | | ● |
| Auto position | ● | |
| Fine modulation | ● | |
| Cab (sound suppressed and pressurized) with | | |
| Cigar lighter & ashtray | ● | |
| Coat hook | ● | |
| Automatic climate control | | |
| Air conditioner & heater | ● | |
| Defroster | ● | |
| Intermittent wiper and washer, front and rear | ● | |

| | | |
|--|---|---|
| Personal storage space | | |
| Console box | ● | |
| Holder, can and cup | ● | |
| Rear view mirrors (1 inside) | ● | |
| Rear view mirrors (2 outside) | ● | |
| Rear View Mirrors (2 outside, Heated) | | ● |
| 2" retractable seat belt & adjustable | ● | |
| Steering column, tilt and telescopic | ● | |
| Steering wheel with knob | ● | |
| Roller type sunshade (front window) | ● | |
| Roller type sunshade (rear window) | | ● |
| Tinted safety glass | ● | |
| One door cab | ● | |
| Magazine pocket | ● | |
| Pedals | | |
| One accelerator pedal | ● | |
| One brake pedal | ● | |
| Dual-Brake pedal | | ● |
| Radio/USB player | ● | |
| Rubber floor mat | ● | |
| Wrist rest | ● | |
| 24-volt to 12-volt DC converter (20A) | | ● |
| ENGINE | | |
| Antifreeze | ● | |
| Engine, Cummins QSB6.7 | | |
| Tier 4 Final / Stage 4 | ● | |
| Engine enclosure, lockable | ● | |
| Engine fuel priming pump | ● | |
| Fan guard | ● | |
| Fuel/water separator | ● | |
| Clean emission module | | |
| DOC and SCR | ● | |
| Rain cap, engine air intake | ● | |
| Radiator | ● | |
| Starting aid (air intake heater) | ● | |
| Fuel heater | ● | |
| Coolant level sight gauge | ● | |
| Engine oil level dipstick gauge | ● | |
| Pre-cleaner, engine air intake | | ● |
| Fuel heater (Dual) | | ● |
| Pre-cleaner : 3 stage | | ● |
| POWER TRAIN | | |
| Brakes : Service, enclosed wet-disc | ● | |
| Parking brake | ● | |
| Torque converter | ● | |
| Transmission F4 / R3, computer controlled, electronic soft shift, auto-shift and kick-down features included | | ● |
| Transmission F5 / R3 with lock-up clutch | ● | |
| Transmission oil sight level | ● | |
| Limited slip differential (front, rear) | | ● |
| Transmission oil cooler | ● | |
| Transmission oil cooler with thermostat | | ● |
| Hydraulic lock differential (front) | ● | |
| Front axle cooling system | | ● |
| Tires (20.5 R25, L3) | ● | |
| Tires | | |
| 20.5 - 25, 16PR, L3 | | ● |
| 20.5 - 25, 16PR, L2 | | ● |
| 20.5 - 25, 16PR, L5 | | ● |
| 20.5 R25, XHA2 | | ● |
| 17.5-25, 12PR, L3 | | ● |
| Travel speed limiter (20-40 km/h) | | ● |
| HYDRAULIC SYSTEM | | |
| Boom kickout, automatic | ● | |
| Bucket positioner, automatic | ● | |
| Diagnostic pressure taps | ● | |
| Hydraulic oil cooler | ● | |
| Hydraulic system | | |
| Joystick Control (EH control) | ● | |
| Lever control-single axle (EH control) | | ● |
| Joystick Steering | | ● |
| Hydraulically-driven, temperature sensing type | ● | |
| F control | | |
| Hydraulic control, 2 spool | | ● |

| | | |
|---|---|---|
| Hydraulic control, 3 spool | ● | |
| Ride control system | ● | |
| Secondary steering system | ● | |
| Extra piping for auxiliary function | | ● |
| Quick coupler piping | | ● |
| Auto grease system | | ● |
| Seat | | |
| 2" static seat belt & adjustable mechanical suspension (heated) | | ● |
| 3" static seat belt & adjustable mechanical suspension | | ● |
| 2" retractable seat belt & adjustable air suspension (heated) | | ● |
| OTHER | | |
| Articulation locking bar | ● | |
| Counterweight | ● | |
| Door and cab locks, one key | ● | |
| Doors, service access (locking) | ● | |
| Drawbar with pin | ● | |
| Ergonomically located and slip resistant, left & right | ● | |
| Handrails | ● | |
| Ladders | ● | |
| Platforms | ● | |
| Steps | ● | |
| Fenders (front / rear) | ● | |
| Hydraulic oil level sight gauge | ● | |
| Lift and tie-down hooks | ● | |
| Loader linkage, sealed | ● | |
| Z-bar design | ● | |
| Vandalism protection caplocks | ● | |
| Tool kit | | ● |
| Tooth, 1 piece, bolt-on type | | ● |
| Tooth, 2 pieces, bolt-on type | | ● |
| Guards | | |
| Crankcase | ● | |
| Transmission | ● | |
| Mud guards | ● | |
| Wheel chock | ● | |
| License plate & lamp | | ● |
| Hi-Mate (Remote Management System) | ● | |
| Rearview camera | ● | |
| SAFETY | | |
| Beacon light, rotating | | ● |
| Auxiliary, 2 working lights on rear roof | | ● |
| Cutting edge, bolt-on type | | ● |
| Fire extinguisher | | ● |
| Operator suit | | ● |
| Pallet forks | | ● |

STD = Standard
OPT = Optional

* 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.