SPECIFICATIONS HL960 Tier 4 Final Engine

HYUNDAI **HL960**

Net Power 222 HP (166 kW) / 2,200 rpm 19,425 kg / 42,825 lb

Operating Weight

Standard Bucket 3.3 m³/4.3 yd³



SPECIFICATIONS HL960

| ENGINE | |
|-------------------|--|
| Make/model | CUMMINS/QSB6.7 |
| | Watercooled, 4-cycle, turbocharged |
| Туре | air-cooled, direct injection, electronically |
| | controlled diesel engine |
| Gross power | 225 HP (168 kW) / 2,200 rpm |
| Net power | 222 HP (166 kW) / 2,200 rpm |
| Maximum torque | 106 kg·m (770 lb·ft) / 1,500 rpm |
| No. of cylinders | 6 |
| Bore x stroke | 107 mm (4.21") x 124 mm (4.88") |
| Displacement | 6.7 l (408 in ³) |
| Compression ratio | 17.3 : 1 |
| Air cleaner | Dry, 2-stage dual elements |
| Alternator | 24 V – 95 Amp |
| Battery | 2 x 12 V – 160 Ah, 900 CCA |
| Starting motor | 24 V - 7.8 kW |

TRANSMISSION Torque converter type 3-element, single-stage, single-phase

* Fully automatic power shift, countershaft type with soft-shift in range and direction.

| Travel speed, km/h (mph) | | 4 speed T/M | 5 speed T/M with lockup clutch |
|--------------------------|-----|-------------|-----------------------------------|
| | 1st | 6.4 (4.0) | 6.7 (4.2) |
| Forward | 2nd | 12.1 (7.5) | 11.8 (7.3) |
| | 3rd | 24.3 (15.1) | 18.1 (11.2) |
| | 4th | 39.5 (24.5) | 28.2 (17.5) |
| | 5th | | 40.0 (24.9) |
| | 1st | 6.7 (4.2) | 7.1 (4.4) |
| Reverse | 2nd | 12.7 (7.9) | 12.4 (7.7) |
| | 3rd | 25.6 (15.9) | 29.4 (18.5) |

| AXLES | |
|-----------------------|--|
| Drive system | Four-wheel drive system |
| Mount | Rigid front axle and oscillating rear axle |
| Rear axle oscillation | ±11° center pin-loaded |
| Hub reduction | Planetary reduction at wheel end |
| Differential | Hyd Lock (front) / Conventional (rear) |
| Reduction ratio | 24.666 |

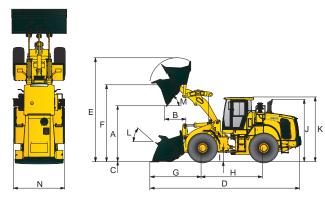
| OVERVIEW | | | | | |
|----------------|--------------|-----------------------------------|----------------|-----------|--|
| Description | | UNIT | UNIT HL960 HL9 | | |
| Operating | aiabt | kg (lb) | 19,425 | 19,600 | |
| Operating w | eignt | | (42,825) | (43,211) | |
| Bucket | Heaped | m ³ (yd ³) | 3.3 (4.3) | 3.3 (4.3) | |
| capacity | Struck | m³ (yd³) | 2.9 (3.8) | 2.9 (3.8) | |
| Duralized from | | kg (lb) | 16,670 | 16,430 | |
| Breakout for | ce-bucket | | (35,160) | (34,500) | |
| | Ctraight | kg (lb) | 15,580 | 12,700 | |
| | Straight | | (34,348) | (27,999) | |
| Tipping load | E all ta and | kg (lb) | 13,630 | 10,900 | |
| | Full turn | | (30,049) | (24,030) | |

| TIRES | |
|------------------|-------------------------------|
| Туре | Tubeless, loader design tires |
| Standard | 23.5 R25, L3 |
| | 23.5-25, 20 PR, L3 |
| Ontines in shude | 23.5-25, 20 PR, L5 |
| Options include | 23.5, R25 XHA2, L3 |
| | 20.5-25, 16PR, L3 |

| | STSTEIM | |
|---|---------|---|
| Туре | | Load-sensing hydraulic system Variable-displacement piston pump, |
| Pump | | 246 l/min (65 gpm) |
| | | 246 emin (65 gpm) 2-spool (bucket, boom) |
| Control valve | | 3-spool (bucket, boom, aux) |
| System press | ure | 280 kgf/cm ² (3,983 psi) |
| b)stern press | | Valve has four functions: |
| | | raise, hold, lower and float |
| Lift circuit | | Can adjust automatic kick-out from hori |
| | | zontal to full lift |
| | | Valve has three functions: |
| Tilt circuit | | tilt back, hold and dump |
| | | Can adjust automatic bucket |
| | | positioner to desired load angle |
| | | Type: Double acting |
| Culinder | HL960 | No. of cylinders–bore x stroke: |
| Cylinder | HL960XT | Lift: 2-140 mm (5.5") x 765 mm (30.1") |
| | | Tilt: 1-160 mm (6.3") x 530 mm (20.9") |
| | | Raise: 5.9 sec |
| | | Dump: 1.3 sec |
| Cycle times | | Lower: 3.1 sec |
| | | Total: 10.3 sec |
| | | |
| BRAKES | | |
| | | Hydraulically actuated, wet-disc |
| Service brake | ις | brakes actuate all 4 wheels |
| Service brance | 5 | Independent axle-by-axle system |
| | | Self-adjusting and wheel speed brake |
| Parking brake | e | Spring-applied, hydraulically |
| 3.0.3. | | released brake |
| E | | When brake oil pressure drops, |
| Emergency b | гаке | indicator light alerts operator, and |
| | | parking brake automatically applies |
| | | |
| | SYSTEM | |
| STEERING S | | I a seal as a seal as a large large start in the second s second second sec |
| STEERING S | | Load-sensing hydrostatic articulated |
| _ | | steering |
| _ | | steering Variable-displacement piston pump, |
| Type Pump | atting | steering Variable-displacement piston pump, 120 l/min (32 gpm) |
| Type Pump Relief valve se | etting | steering Variable-displacement piston pump, 120 l/min (32 gpm) 250 kgf/cm ² (3,556 psi) |
| Type Pump | etting | steering Variable-displacement piston pump, 120 ℓ/min (32 gpm) 250 kgf/cm ² (3,556 psi) Double acting |
| Type Pump Relief valve so Cylinder | | steering Variable-displacement piston pump, 120 l/min (32 gpm) 250 kgf/cm ² (3,556 psi) Double acting 2-75 mm (2.9") x 424 mm (16.7") |
| Type Pump Relief valve se | | steering Variable-displacement piston pump, 120 l/min (32 gpm) 250 kgf/cm ² (3,556 psi) Double acting 2-75 mm (2.9") x 424 mm (16.7") 40° both right and |
| Type Pump Relief valve so Cylinder | le | steering Variable-displacement piston pump, 120 l/min (32 gpm) 250 kgf/cm ² (3,556 psi) Double acting 2-75 mm (2.9") x 424 mm (16.7") |

| SERVICE REFILL CAPAC | ITIES |
|--------------------------------------|------------------|
| Fuel tank | 300 ℓ (79.3 gal) |
| DEF tank | 27 Q (7.1 gal) |
| Cooling system | 42 Q (11.1 gal) |
| Crankcase | 18 Ø (4.8 gal) |
| Transmission | 33 ℓ (8.7 gal) |
| Front axle | 35 ℓ (9.2 gal) |
| Rear axle | 35 ℓ (9.2 gal) |
| Hydraulic tank | 110 Q (29.1 gal) |
| Hydraulic system (including tank) | 200 ℓ (52.8 gal) |

DIMENSIONS All dimensions are approximate.



| Description | | UNIT | HL960 | HL960XT | | |
|----------------------|--|--------------------------------------|---------------------|----------------------|--|--|
| Bucket type | | General purpose bolt-on cutting edge | | | | |
| | g clearance at max. nd 45° dump angle | mm (ft-in) | 2,935 (9' 7.5") | 3,365 (11' 0.5") | | |
| | Full lift | mm (ft-in) | 1,295 (4' 3.0") | 1,390 (4' 6.7") | | |
| B. Reach | 2,134 mm | mm | 1,825 | 2,230 | | |
| | height (7 feet) | (ft-in) | (5' 11.9") | (7'3.8") | | |
| C. Digging | depth | mm (in) | 90 (3.5") | 145 (5.7") | | |
| | on ground | mm | 8,140 | 8,695 | | |
| D. Overall length | on ground | (ft-in) | (26' 8.5") | (28' 6.3") | | |
| | at carry | mm (ft-in) | 8,030 (26' 4.1") | 8,530 (27' 11.8") | | |

| Description | | UNIT | HL960 | HL960XT |
|--------------------|--------------------|------------|-------------|-------------|
| Description | mm | 5,640 | 6,070 | |
| E. Overall heigh | | | | |
| | (ft-in) | (18' 6.0") | (19' 11.0") | |
| F. Bucket pivot ł | mm | 4,105 | 4,535 | |
| | | (ft-in) | (13' 5.6") | (14' 10.5") |
| G. Front overha | ng | mm | 2,810 | 3,275 |
| | 5 | (ft-in) | (9' 2.6") | (10' 8.9") |
| H. Wheelbase | | mm | 3,300 | 3,300 |
| | | (ft-in) | (10' 9.9") | (10' 9.9") |
| I. Ground cleara | ance | mm | 410 | 410 |
| | | (ft-in) | (1' 4.1") | (1' 4.1") |
| J. Height over e | vhaust | mm | 3,360 | 3,360 |
| J. Height over e | Andust | (ft-in) | (11'0.3") | (11'0.3") |
| K. Height over cab | | mm | 3,450 | 3,450 |
| K. Height over t | Jab | (ft-in) | (11' 3.8") | (11' 3.8") |
| L. Rollback | on ground | deg | 42 | 42 |
| angle | at carry | deg | 47 | 48 |
| M. Dump angle | | deg | 50 | 50 |
| Clearance circle | , over bucket | mm | 13,150 | 13,600 |
| (carry position) | | (ft) | (43.14) | (44.62) |
| Clearance circle | , outside of tires | mm | 11,836 | 11,836 |
| | , outside of thes | (ft) | (38.83) | (38.83) |
| Clearance circle | incide of tires | mm | 6,368 | 6,368 |
| Clearance circle | , inside of tires | (ft) | (20.89) | (20.89) |
| | with | mm | 2,900 | 2,900 |
| N. Overall | bucket | (ft-in) | (9' 6.2") | (9' 6.2") |
| width | | mm | 2,770 | 2,770 |
| | without bucket | (ft-in) | (9' 1.1") | (9' 1.1") |

| HL960 / DENSIT | Y OF OPERATING MATERIALS | |
|---------------------|--------------------------|---|
| Loose material | | Material Density |
| Earth/clay | | 1.5~1.7 tons / m ³ (2,528~2,865 lb / yd ³) |
| Sand and gravel | | 1.5~1.7 tons / m ³ (2,528~2,865 lb / yd ³) |
| 25~76 mm (1" to 3") | | 1.6~1.7 tons / m ³ (2,697~2,865 lb / yd ³) |
| Aggregate | 19 mm (3") and larger | 1.8 tons / m ³ (3,034 lb / yd ³) |

| HL960 / | HL960 / DENSITY OF OPERATING MATERIALS | | | | | | | | | | | | | | | |
|-----------|--|---|-----------|---|---|------------------------|------------------|-------------------------|-----------------------|----------------|----------------|---------------------|---------------------------------------|-------------------|----------------|----------------|
| | | | | | | | Mate | rial Dei | nsity [t | /m³] (l | b/yd³) | | | | | |
| Lift arm | Bucket | Туре | m³ (yd³) | 1.0 1.1 (1,686)(1,854) | 1.2 1. (2,023) (2,1 | | 1.5) (2,528) | 1.6 (2,697) | 1.7 (2,865) | 1.8 (3,034) | 1.9 (3,203) | 2.0 (3,371) | 2.1) (3,540) | 2.2 (3,708) | 2.3 (3,877) | 2.4 (4,045) |
| | | Cutting edge | 3.3 (4.3) | | 3 | .8 m³ (5 | .0 yd³) | | | | | | 3.1 m | า³ (4.0 | yd³) | |
| | | Cutting edge | 3.5 (4.5) | | 4.0 m ³ | (5.2 yd ³) | | | | | | 3.3 n | n³ (4.3 | yd³) | | |
| | | 1-piece bolt-on tooth | 3.2 (4.2) | | | 3.7 | m³ (4. | 8 yd³) | | | | | | 3.0 m | 1³ (3.9 | yd³) |
| Standard | | 1-piece bolt-on tooth | 3.4 (4.4) | | 3 | .9 m³ (5 | .1 yd³) | | | | | | 3.2 m | ³ (4.2 | yd³) | |
| lift-arm | Purpose | 2-piece bolt-on tooth | 3.2 (4.2) | | 3.7 m ³ (4.8 yd ³) | | | | 3.0 m ³ (3 | | | า³ (3.9 | yd³) | | | |
| | | 2-piece bolt-on tooth | 3.4 (4.4) | | 3 | .9 m³ (5 | .1 yd³) | | | | | | 3.2 m | n³ (4.2 | yd³) | |
| | | 2-piece bolt-on tooth and segment edge | 3.3 (4.3) | 3.8 m ³ (5.0 yd ³) | | | | 3.1 m ³ (4.0 | | | yd³) | | | | | |
| | | Cutting edge | 3.3 (4.3) | 3.8 | m³ (5.0 yc | J³) | | | | | 3.1 m | า³ (4.0 | yd³) | | | |
| | | Cutting edge | 3.5 (4.5) | 4.0 m ³ (5.2 | 2 yd³) | | | | | 3.3 m | n³ (4.3 | yd³) | | | | |
| | | 1-piece bolt-on tooth | 3.2 (4.2) | | 3.7 m³ | (4.8 yd³) | | | | | | 3.0 n | n³ (3.9 | yd³) | | |
| High-lift | General | 1-piece bolt-on tooth | 3.4 (4.4) | 3.9 i | m³ (5.1 yc | J³) | | | | | 3.2 m | 1³ (4.2 | yd³) | | | |
| arm (XT) | Purpose | 2-piece bolt-on tooth | 3.2 (4.2) | | 3.7 m ³ | (4.8 yd ³) | | | | | | 3.0 n | m ³ (3.9 yd ³) | | | |
| | | 2-piece bolt-on tooth | 3.4 (4.4) | 3.9 i | m³ (5.1 yc | 3) | | | | | 3.2 m | า³ (4.2 | yd³) | | | |
| | | 2-piece bolt-on tooth and segment edge | 3.3 (4.3) | 3.8 | m³ (5.0 yc | J³) | | | | | 3.1 m | 1 ³ (4.0 | yd³) | | | |

| CAB & INTERIOR | STD | ΟΡΤ |
|---|-----|-----|
| Alternator, 95 Amp | • | |
| 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, backup | • | |
| Batteries, PT 900 CCA, 12V, (2) | | |
| Gauges | - | |
| Engine coolant temperature | • | |
| Fuel level | • | |
| Speedometer | • | |
| Transmission oil temperature | • | |
| Horn, electric | • | |
| Indicator lights | - | |
| T/C lockup High beam | • | |
| Turn signal | • | |
| FNR joystick steering | | • |
| Pilot cutoff | • | |
| 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 taillights | • | |
| 4 turn signals | • | |
| Brake lights (counterweight) | • | |
| 2 headlights on front tower | • | |
| 2 working lights on front roof | • | |
| 4 working lights on front roof, 2 working lights on rear roof | | • |
| 4 working lights (2 xenon) 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 | • | |
| Switches | 1 - | |
| Hazard | • | |
| Ignition | • | |
| Parking | • | |
| Battery master switch | • | |
| FNR Diff lock | • | |
| Diff lock SCR cleaning / inhibit | • | |
| Secondary steering test | | • |
| Pilot cutoff | • | |
| Integrated monitor switches | | |
| Main light switch | • | |
| Work light switch | • | |
| Auto grease switch | • | |
| Quick coupler switch Ride control switch | • | |
| Work load switch | • | |
| Beacon lamp switch | • | |
| Rear wiper switch | • | |
| Mirror heat switch | • | |
| Auto position switch | • | |
| Fine modulation switch | • | |

| | | ~~~ |
|--|---|-----|
| CAB & INTERIOR | STD | OPT |
| Cab (sound suppressed and pressurized |) with | |
| Cigar lighter and ashtray Coat hook | • | |
| Automatic climate control | | |
| Air conditioner and heater | • | |
| Defroster | • | |
| Intermittent wiper and washer, | | |
| front and rear | | |
| Seat 3" retractable seat belt and adjustable air | | |
| suspension (heated) | • | |
| Personal storage space | | |
| Console box | • | |
| Holder, can and cup | • | |
| Rearview mirrors (1 inside) Rearview mirrors (2 outside) | • | |
| Rearview mirrors (2 outside) Rearview 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 cab Magazine pocket | • | |
| Pedals | 1 - | |
| One accelerator pedal | • | |
| One brake pedal | • | |
| Dual-brake pedal | | • |
| Radio / USB player | • | |
| Bluetooth Miracast | • | |
| Rubber floor mat | • | |
| Armrest | • | |
| 24-volt to 12-volt DC converter (20A) | • | |
| | | |
| ENGINE | STD | OPT |
| ENGINE | STD | OPT |
| Engine, Cummins QSB6.7 | STD | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 | STD • | OPT |
| Engine, Cummins QSB6.7 | STD • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable | STD • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan | STD • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator | STD • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze | STD • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module | STD • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze | STD • • • • • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR | STD • • • • • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater | STD • • • • • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge | • • • • • • • • • • • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge | • • • • • • • • • • • • | |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) | • • • • • • • • • • • • • • • • • • • | OPT |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge | • • • • • • • • • • • • • • • • • • • | |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fugi heater (dual) Air cleaner with auto dust eject 3-stage air precleaner | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN | • • • • • • • • • • • • • • • • • • • | |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN Brakes: service, enclosed wet-disc | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fugine oil-level dipstick gauge Fugine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN Brakes: service, enclosed wet-disc Parking brake | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN Brakes: service, enclosed wet-disc Parking brake Torque converter | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN Brakes: service, enclosed wet-disc Parking brake Torque converter Transmission F4 / R3, computer- controlled, electronic soft-shift, | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fuel heater (dual) Air cleaner with auto dust eject 3-stage air precleaner 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 | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fugh heater (dual) Air cleaner with auto dust eject 3-stage air precleaner 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 Transmission F5 / R3 with | • • • • • • • • • • • • • • • • • • • | • |
| Engine, Cummins QSB6.7 Tier 4 Final / Stage 4 Engine enclosure, lockable Engine fuel priming pump Fan guard Reversible cooling fan Fuel/water separator Antifreeze Clean emission module DOC and SCR Radiator Starting aid (air intake heater) Fuel heater Coolant-level sight gauge Engine oil-level dipstick gauge Fugi heater (dual) Air cleaner with auto dust eject 3-stage air precleaner POWER TRAIN Brakes: service, enclosed wet-disc Parking brake Torque converter Transmission F5 / R3 with lockup clutch | • • • • • • • • • • • • • • • • • • • | • |
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HYDRAULIC SYSTEM OPT Boom kick-out, automatic ٠ Bucket positioner, automatic ٠ Diagnostic pressure taps • Hydraulic oil cooler • Hydraulic control, 3 spool . Joystick control (EH control) ٠ Lever control-single axis (EH control) Joystick steering Ride control system . Secondary steering system Extra piping for auxiliary function Quick coupler piping Auto grease system • OPT Articulation locking bar ٠ Counterweight ٠ Additional 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 Hydraulic oil level sight gauge . Lift and tie-down hooks . Loader linkage, sealed ٠ Z-bar design . Vandalism protection caplocks . Toolkit Tooth, 1 piece, bolt-on type Tooth, 2 pieces, bolt-on type Cutting edge, bolt-on type Pallet forks Guards Crankcase • Transmission Half fenders front and rear Full rear fenders Wheel chock License plate & lamp Hi-Mate remote management system Mobile •

POWER TRAIN

Travel speed limiter (20-40 km/h)

Tires 23.5 R25, L3 23.5 - 25, 20PR, L3 23.5 - 25, 20PR, L5 23.5 R25, XHA2, L3 20.5-25, 16PR, L3

OPT

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| Satellite | | • |
|------------------------|-----|-----|
| SAFETY | STD | OPT |
| Beacon light, rotating | | • |
| Fire extinguisher | | • |
| Operator suit | | • |
| Rearview camera | • | |

* 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.

HYUNDAI CONSTRUCTION EQUIPMENT

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

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PLEASE CONTACT

Printed in U.S.A.

Hydraulic lock differential (front) /

Limited-slip differential (rear)