

HL940

With Tier-3 / Stage IIIA Engine Installed

* Photo may include optional equipment.



Head Office(Sales Office)
14F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

PLEASE CONTACT

Gross Power
145 HP (108 kW) at 2,100 rpm

Net Power
142 HP (106 kW) at 2,100 rpm

Bucket Capacity
2.3 m³

Operating Weight
13,200 kg (29,105 lb)

WHAT'S NEWEST AND BEST

HL940

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- Eco-friendly Tier-3 Engine
- Eco Report
- Smart Power Mode
- Hydraulic Differential Lock **Option**
- Electro-Hydraulic Control
- Parallel Z-bar Linkage
- ICCO (Intelligent Clutch Cut Off)
- Automatic Engine Shut Down

ULTIMATE DURABILITY

- Unified Control Valve
- Enhanced Axle Capacity
- Axle Oil Cooling System **Option**
- Sinter Brake Disc
- Optimized Drive Shaft
- High Quality Hydraulic Hose

EASY CONTROL AND COMFORTABLE OPERATION

- Fully Adjustable Seat and Armrest
- Remote Door Control **Option**
- Auto Greasing System **Option**
- Ride Control **Option**
- Full Sound-Proofed Spacious Cabin
- Wide Touch Screen Monitor
- Centralized Cluster
- Soft end Stop
- Weighing System

THE ULTIMATE SAFE ENVIRONMENT

- Emergency Stop
- Seat Belt Warning Alarm
- Radar **Option**
- AVM (Around View Monitoring) **Option**
- IMOD (Intelligent Moving Object Detection) **Option**

SERVICEABILITY AND TELEMATICS

- ECD(Engine Connected Diagnostics)
- Fully Openable Engine Hood
- Hi MATE **Option**
- Easy Filter Replacement
- Wide Core & Fin Radiator



* Photo may include optional equipment.



THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

The new HYUNDAI HL940 is satisfying the Tier3 emission regulation and HL900(T3) wheel loader have a number of new features that contribute to overall fuel and also production efficiency.



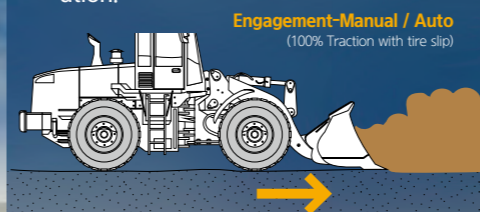
Smart Power Mode **NEW**

Smart Power mode reduces fuel consumption by adjusting the engine speed in heavy load work like digging. The key point of this function is not only saving fuel with same performance as Power mode but also making good balance between traction force and breakout force.



Hydraulic Differential Lock **Option**

Hydraulic differential lock has the advantages of both improving productivity and less fuel consumption by preventing tire slip during the operation.



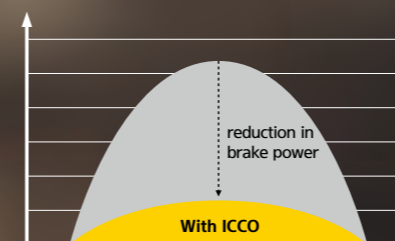
Parallel Z-bar Linkage

Newly developed parallel z-bar linkage provides perfect parallel lift function with high tilt forces.



ICCO (Intelligent Clutch Cut Off)

By selecting of 'H-Mode' among clutch cut-off selections, ICCO will be engaged for both less power loss in torque converter and lower heat generation on brake sides.

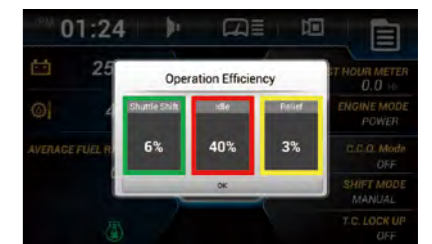


HYUNDAI HE 6.7 Engine

HYUNDAI HE6.7 engine combines advanced electronic controls and a self-diagnostic system with reliable performance. The combination of a high pressure common rail system and an advanced in-cylinder combustion technology results in increased power, improved transient response and reduced fuel consumption. HYUNDAI HE6.7 engine complies with current emissions standards including EPA Tier3 and EU Stage III-A.

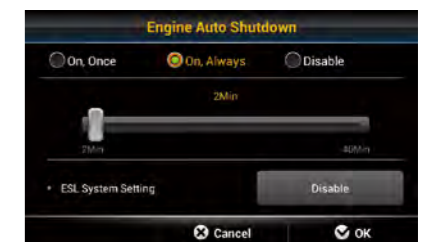
Eco Report

Eco report shows the wheel loader's inefficient operation status in order to improve operator's improper working habit.



Automatic Engine Shut Down

Adjustable 'Automatic engine shut down' significantly reduces idle time, overall operating hours and fuel consumption.



Electro-Hydraulic Control

With improved precision and operability, the electro-hydraulic control system of the HL900 (T3) Series provides diverse functions and easy handling to control any working conditions, increasing productivity and reducing fatigue of operators.

* Fine operation/bucket priority / Auxiliary attachment max flow / Soft end stop





ULTIMATE DURABILITY

The true value of the HL940, which is now far more powerful, is revealed in tough working environments. With the high-strength design structure and enduring system proven by rigorous road tests at various work sites, Hyundai wheel loaders can perform any high-load work to maximize productivity.

Unified Control Valve

HL940 improved hydraulic system. Unified control valve system removes the hydraulic hose connected with each valve and has fewer leak points. Because MCV is integrated with ride control valve and EPPR valve.

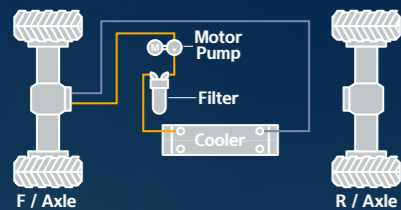
Enhanced Axle Capacity

HL940 applied larger capacity rear axle than the previous series. It offers more reliable performance and longer durability.



Axle Oil Cooling System Option

Axle oil cooling system prevents overheating of axle oil caused by frequent braking and high-load work.



Sinter Brake Disc

The HL900 (T3) Series has a sinter disc of a new material with excellent durability to suppress generation of heat and vibration, heightening brake durability and enabling convenient maintenance with a service-friendly design.



Optimized Drive Shaft

Through thorough verification, the optimized drive shaft makes the HL955 wheel loader more durable.

High Quality Hydraulic Hose

High quality hydraulic hoses increased durability and product life cycle.



*Photo may include optional equipment.

New Air Conditioning System

Hyundai's wheel loaders maximize heating and cooling performance by optimizing air flow. The air conditioning system is placed on the right side of the cabin to ensure easy maintenance and filter replacement. The capacity of the inner filter was increased. Filter material was changed for superior filtering performance.



Full Sound-Proofed Spacious Cabin

State-of-the-art noise reduction technology of the HL940 ensures maximum silence(71 dB) in the same category of equipment, promising more silent and more pleasant interior space.



Remote Door Control Option

Remote door control allows operators to open the cabin door remotely. This system was developed for the convenience and safety of the operator.



Wide Touch Screen Monitor

The seven-inch capacitive-type display (like a smart phone display) provides excellent legibility.



Centralized Cluster

With a centralized cluster, operator can see at a glance all the states of wheel loader.



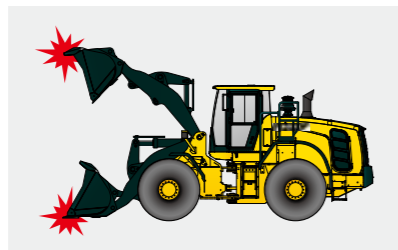
Weighing System

The HL940 further improves work precision with additional weight calibration. The automatic/manual cumulative weighing function greatly enhances operating efficiency. Icons displaying weighing errors and the two-color weight value indication on the monitor enable accurate weighing to support efficient production management.



Soft End Stop

When an attachment reaches at the end stroke, it gives operator enormous shock especially for Boom up. This function gives shock free operation by reducing the speed of attachment near the end stroke. It can be selected on/off through Monitor.



Electro-Hydraulic Control Lever

Hyundai's wheel loaders have an electro-hydraulic control lever. Operators can operate attachments with less strength, enabling greater productivity and minimizing fatigue of operators. (Roller switch for AUX SPOOL Control)



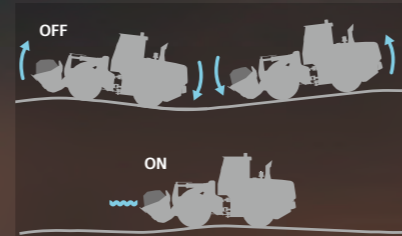
Fully Adjustable Seat and Armrest

This suspension will be applied for minimizing an operator's fatigue. Available for electro hydraulic Control.



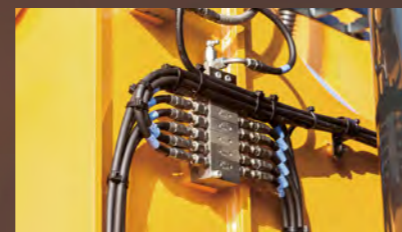
Ride Control Option

Ride control system reduces operator fatigue and material spillage during operation. An accumulator helps to minimize shock, giving the operator a much smoother ride.



Auto Greasing System Option

Auto greasing system is designed to automatically lubricate when it is needed. Uniform application of lubricant ensures that the lubrication points always have the correct amount of grease.



EASY CONTROL AND COMFORTABLE OPERATION

The HL940 is optimized to enable operators to access accurate equipment data in a timely manner. This feature is more important in tough working environments to increase productivity while enjoying various forms of entertainment. Enjoy unparalleled satisfaction provided by infotainment of Hyundai's state-of-the-art information technology!

*Photo may include optional equipment.



HL940 with advanced technology ensures our safety on a construction site.



The HL900(T3) Series in wheel loaders are products of HCE's spirit of initiative, creativity, and strong drive. HCE engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. HL900(T3) in wheel loaders reflects customers' needs in the field gleaned by thorough monitoring.

Emergency Stop

In an emergency, operating the Emergency Stop switch located at the bottom of the seat will shut down the engine starting.



Seat Belt Warning Alarm

Seat belt warning alarm allows the operator to work in a safer environment.

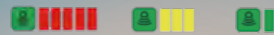


Please make sure that your seat belt is fastened. Always use your seat belt when operating the machine.

OK

Radar Option

The Radar system can detect rear obstacles without blind spots and no distinction between day and night. Also, the warning level of the nearest obstacle is always displayed on the secondary monitor.



AVM(Around View Monitoring) Option

IMOD(Intelligent Moving Object Detection) Option

This is a system that is combined AVM (Around View Monitoring) with IMOD (Intelligent Moving Object Detection) and detects people around the machine and analyzes the images, which displays a warning sign on a monitor when detecting the danger. So operators can watch the surroundings in a variety of angles through the monitor and prevent the safety accident in advance.



It displays the position of people with a top view.



A green warning sign is displayed when people move in within a 5-meters radius.



A red warning sign is displayed when people move in within a 3-meters radius



THE ULTIMATE SAFE ENVIRONMENT

With the top priority on satisfaction of operators in terms of silence, safety and maintainability, Hyundai wheel loaders provide operators with comfortable cabin space by low-vibration, low-noise, and superior safety design. They also offer greater satisfaction by extending the replacement cycle of supplies and minimizing maintenance time and cost.



*Photo may include optional equipment.



SERVICEABILITY AND TELEMATICS

IoT, ICT, AI-based digital technologies is creating smart construction sites. Maximizes connectivity, productivity, and safety for your successful businesses.



Hi MATE

Option

IT'S CONVENIENT, EASY AND VALUABLE

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

WHAT IS BENEFITS



Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.

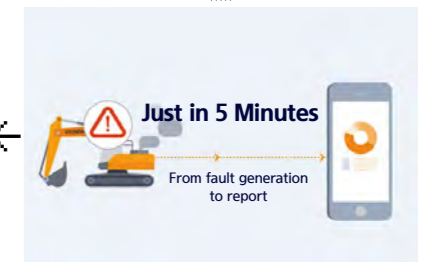
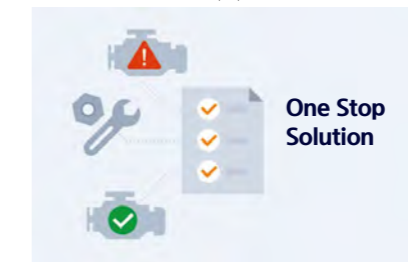


Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geofence boundary, you will get alerts.

ECD(Engine Connected Diagnostics)

It supports service technician with remote diagnostics report and ensure it arrive on site with proper tools after preparing in advance.



Fully Openable Engine Hood

The HL940 has improved accessibility to the sealed engine room with retractable hood to allow easy cleaning and maintenance. The engine room was designed to prevent possibility of fire due to inflow of foreign materials. The fully retractable engine hood in the electric actuator opening mode also enhances maintainability of the engine room and cooling room.



Easy Filter Replacement

With easy filter replacement, machine can be managed more easily.



Wide Core & Fin Radiator

Wide core & fin radiator reduces clogging.



*Photo may include optional equipment.

SPECIFICATIONS

ENGINE

| | |
|-------------------------------------|---|
| Maker / Model | HYUNDAI / HE6.7 |
| Type | 4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine |
| Gross Power (SAE J1995) | 145 HP (108 kW) at 2,100 rpm |
| Net Power (SAE J1349) | 142 HP (106 kW) at 2,100 rpm |
| Max. Power | 146 HP (109 kW) at 2,000 rpm |
| Peak Gross Torque (SAE J1995) | 667 N · m (492 lb.ft) at 1,400 rpm |
| Displacement | 6.7 ℓ (409 cu in) |
| Cooling method | Water Cooled |
| Number of cylinders and arrangement | 6 cylinders, in line |
| Firing order | 1 - 5 - 3 - 6 - 2 - 4 |
| Combustion chamber type | Direct injection type |
| Cylinder bore x stroke | 107 x 24 mm (4.2" x 4.9") |
| Compression ratio | 17.2 : 1 |
| Engine oil quantity | 18 ℓ (4.8 U.S gal) |
| Wet weight | 552 kg |
| Starter motor | 24V - 4.8kW |
| Alternator | 24V - 70Amp |
| Battery | 2 x 12V x 120Ah |

TRANSMISSION

| | |
|--------------------------------------|---|
| 4-speed transmission | |
| Model | 4WG210 |
| Type | Torque Converter Type Transmission |
| | 3-Elements, Single-stage, Single-phase |
| | Full-automatic power shift |
| Travel Speed, km/h (mph) 4 speed T/M | |
| Forward | 1st 6.7 (4.2) 2nd 12.1 (7.5) 3rd 23.5 (14.6) 4th 38.8 (24.1) |
| Reverse | 1st 7.0 (4.3) 2nd 12.8 (8) 3rd 24.7 (15.3) |
| Brake Distance | m (ft/in) 12.6 (41' 4") |

* This is the maximum travel speed of a standard machine with unfilled bucket.

AXLES

| | |
|-----------------|---|
| Drive System | Four-wheel drive system |
| Front | Fixed |
| Rear | Oscillating ±12 degrees |
| Hub reduction | Planetary reduction at wheel end |
| Differential | Hydraulic lock differential(F) / Conventional Type(R) |
| Reduction Ratio | 21.527 |

* Hyundai Bio Hydraulic Oil (HBHO) available

HYDRAULIC SYSTEM

| | |
|--------------------|--|
| Type | Load sensing hydraulic system |
| Pump | Variable displacement piston pump |
| Rated oil quantity | 160 ℓ /min (42.3 U.S.gpm) |
| Control valve | "2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux)" |
| System Pressure | 280 bar (4061 psi) |
| Lift Circuit | The valve has four functions: Raise / Hold / Lower / Float Can adjust automatic kickout from horizontal to full lift. |
| Tilt Circuit | The valve has three functions: Tilt back / Hold / Dump Can adjust automatic bucket positioner to desired load angle. |
| Cylinder | Type : Ddouble acting Lift 2-110 x 738 mm (4.3" x 2' 5") Tilt 1- 125 x 560 mm (4.9" x 1' 10") Tilt(XTD) 1- 125 x 580 mm (4.9" x 1' 11") |
| Cycle Time | Raise: 5.5 sec, Dump: 1.8 sec Lower: 3.7 sec, Total: 11.0 sec |

TIRES

| | |
|-----------------|---|
| Type | Tubeless, loader design tires |
| Standard | 20.5R25 L3 ★★ |
| Options Include | 20.5-25 L5 16PR 20.5R25 L3 XHA2 ★ 20.5-25 L3 16PR |

OVERVIEW

| Description | HL940 T3 | HL940XT T3 |
|-----------------------|--|---|
| Operating Weight | 13,200 kg (29,105 lb) | 13,645 kg (30,085 lb) |
| Bucket Capacity | Heaped 2.30 m ³ (3.00 yd ³) | 2.30 m ³ (3.00 yd ³) |
| | Struck 2.00 m ³ (2.60 yd ³) | 2.00 m ³ (2.60 yd ³) |
| Breakout Force-Bucket | 11,800 kg (26,015 lb) | 11,940 kg (26,325 lb) |
| | 9,800 kg (21,610 lb) | 7,950 kg (17,530 lb) |
| Tipping Load | Straight 8,500 kg (18,740 lb) | 6,850 kg (15,105 lb) |
| | Full Turn | |

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

| | |
|-----------------|---|
| Type | Load sensing hydrostatic articulated steering |
| Pump | Variable displacement piston pump, 149 lpm |
| System Pressure | 210 bar (3,046 psi) |
| Cylinder | Double acting 2-65 × 429 mm (2.5" × 16.9") |
| Steering Angle | 40° to both right and left angle, respectively |
| Features | Center-point frame articulation. Tilt and telescopic steering column. |

SERVICE REFILL CAPACITIES

| | |
|-----------------------------------|-----------------------------|
| Fuel Tank | 220.0 liters (58.1 U.S gal) |
| Cooling System | 37.0 liters (9.8 U.S gal) |
| Engine Oil | 18.0 liters (4.8 U.S gal) |
| Transmission | 35.0 liters (9.2 US gal) |
| Front Axle | 23.0 liters (6.1 US gal) |
| Rear Axle | 23.0 liters (6.1 US gal) |
| Hydraulic Tank | 90.0 liters (23.8 US gal) |
| Hydraulic System (Including Tank) | 130.0 liters (34.3 US gal) |

CABIN

ROPS / FOPS meet ISO 3471 and ISO 3449

SOUND

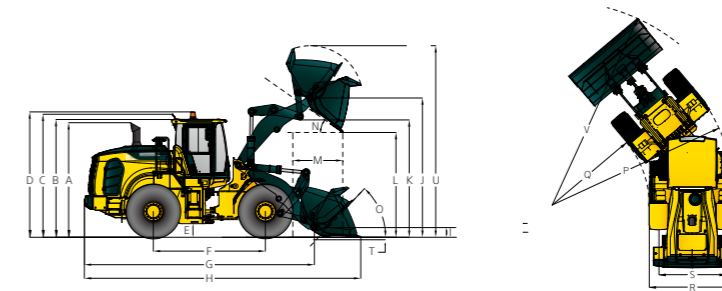
"Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open."

| | |
|---|-----------|
| "Operator sound pressure level (ISO 6396:2008)" | 71 dB(A) |
| "Exterior sound power level (ISO 6395:2008)" | 104 dB(A) |

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

All dimensions are approximate.



Unit : mm (ft · in)

| Description | HL940 T3 | HL940XT T3 |
|---|-----------------|-----------------|
| A Height to Top of Exhaust Pipe | 3,310 (10' 10") | 3,310 (10' 10") |
| B Overall height (Height to Top of Cabin) | 3,300 (10' 10") | 3,300 (10' 10") |
| C Height to Top of Product Link Antenna | 3,445 (11' 4") | 3,445 (11' 4") |
| D Height to Top of Warning Beacon | 3,430 (11' 3") | 3,430 (11' 3") |
| E Ground Clearance | 417 (1' 4") | 417 (1' 4") |
| F Wheelbase | 3,000 (9' 10") | 3,000 (9' 10") |
| G Overall Length (*without bucket) | 6,430 (21' 1") | - |
| H Shipping length (with bucket level on ground) | 7,600 (24' 11") | 7,805 (25' 7") |
| I Hinge Pin Height at Carry Position | 430 (1' 5") | - |
| J Hinge Pin Height at Maximum Lift | 3,820 (12' 6") | 3,980 (13' 1") |

| Description | HL940 T3 | HL940XT T3 |
|--|------------------|------------------|
| K Lift Arm Clearance at Maximum Lift | 3,235 (10' 7") | 3,840 (12' 7") |
| L Dump Clearance at Maximum Lift and 45° Discharge | 2,765 (9' 1") | 3,370 (11' 1") |
| M Reach at Maximum Lift and 45° Discharge | 1,095 (3' 7") | 1,090 (3' 7") |
| N Dump Angle at Maximum Lift and Dump (on Stops) | 48 | 47 |
| O Roll Back Angle | Ground 42 | 42 |
| | Carry 47 | 50 |
| P Clearance Circle (Diameter) to Outside of Tires | 10,910 (35' 10") | 10,910 (35' 10") |
| Q Clearance Circle (Diameter) to Inside of Tires | 5,910 (19' 5") | 5,910 (19' 5") |
| R Width Over Tires (Unloaded) | 2,450 (8' 0") | 2,450 (8' 0") |
| | R. Overall Width | 2,600 (8' 6") |
| S Tread Width | 1,930 (6' 4") | 1,930 (6' 4") |

OPERATING SPECIFICATIONS WITH BUCKETS

| Linkage | Bucket Type | General Purpose | | | High Lift Linkage Change |
|---|-----------------|-----------------------|-----------------------|-----------------------|--------------------------|
| | | Pin On | Hook on | Change | |
| Edge Type | | Bolt-On Cutting Edges | Bolt-On Cutting Edges | Bolt-On Cutting Edges | |
| Capacity – Rated | m ³ | 2.3 | 2.1 | 2.3 | - |
| | yd ³ | 3.0 | 2.70 | 3.00 | - |
| Capacity – Rated at 110% Fill Factor | m ³ | 2.5 | 2.3 | 2.5 | - |
| | yd ³ | 3.30 | 3.00 | 3.30 | - |
| Width | mm | 2,600 | 2,550 | 2,600 | - |
| | ft/in | 8' 6" | 8' 4" | 8' 6" | - |
| Dump Clearance at Maximum Lift and 45° Discharge | mm | 2,765 | 2,795 | 2,640 | +605 |
| | ft/in | 9' 1" | 9' 2" | 8' 8" | +1'12" |
| Reach at Maximum Lift and 45° Discharge | mm | 1,095 | 1,065 | 1,220 | -5 |
| | ft/in | 3' 7" | 3' 6" | 4' 0" | -1'12" |
| Digging Depth | mm | 90 | 90 | 90 | +40 |
| | ft/in | 0' 4" | 0' 4" | 0' 4" | +0'2" |
| Shipping Length (with Bucket) | mm | 7,600 | 7,560 | 7,775 | +590 |
| | ft/in | 24' 11" | 24'10" | 25'6" | +1'11" |
| "Overall Height with Bucket at Maximum Lift" | mm | 5,185 | 5,145 | 5,395 | +605 |
| | ft/in | 17' 0" | 16'11" | 17'8" | +1'12" |
| "Loader Clearance Circle with Bucket at Carry Position" | mm | 12,180 | 12,110 | 12,280 | +570 |
| | ft/in | 39' 12" | 39'9" | 40'3" | +1'10" |
| "Static Tipping Load, Straight (No Tire Deflection)" | kg | 9,800 | 9,900 | 9,000 | -1,850 |
| | lb | 21,610 | 21,830 | 19,845 | -4,075 |
| Static Tipping Load, Articulated (No Tire Deflection) | kg | 8,500 | 8,600 | 7,800 | -1,650 |
| | lb | 18,740 | 18,960 | 17,200 | -3,635 |
| Breakout Force | kg | 11,800 | 12,230 | 10,200 | +140 |
| | lb | 26,015 | 26,965 | 22,490 | +310 |
| Operating Weight* | kg | 13,200 | 13,160 | 13,475 | +445 |
| | lb | 29,105 | 29,015 | 29,710 | +985 |

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

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 (0.75 in) and Larger | 1.8 |

HL940 BUCKET SELECTION CHART

| Standard Lift Arm - General Purpose Bucket | | | | | | | | | | | | | | | | |
|--|-----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|-----|-----|
| Type | m ³ (yd ³) | Material Density [ton / m ³] | | | | | | | | | | | | | | |
| | | 0.9 | 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 |
| Cutting Edge | 2.3 (3.0) | 2.6 m ³ | | | | | | | | | | 2.2 m ³ | | | | |
| Cutting Edge | 2.1 (2.7) | 2.4 m ³ | | | | | | | | | | 2.0 m ³ | | | | |
| Cutting Edge Q/C | 2.3 (3.0) | 2.6 m ³ | | | | | | | | | | 2.2 m ³ | | | | |

| High Lift Arm (XT) - General Purpose Bucket | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|-----|-----|
| Type | m ³ (yd ³) | Material Density [ton / m ³] | | | | | | | | | | | | | | |
| | | 0.9 | 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 |
| Cutting Edge | 2.3 (3.0) | 2.6 m ³ | | | | | | | | | | 2.2 m ³ | | | | |
| Cutting Edge | 2.1 (2.7) | 2.4 m ³ | | | | | | | | | | 2.0 m ³ | | | | |
| Cutting Edge Q/C | 2.3 (3.0) | 2.6 m ³ | | | | | | | | | | 2.2 m 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 | +416 | -60 | -112 |
| | lb | +920 | -130 | -245 |
| Static Tipping Load, Straight (No Tire Deflection) | kg | +280 | -40 | -75 |
| | lb | +620 | -85 | -165 |
| Static Tipping Load, Articulated (No Tire Deflection) | kg | +245 | -35 | -65 |
| | lb | +545 | -75 | -140 |
| Vertical height changes | mm | +33 | -4 | -2 |
| | ft/in | +1.3" | -0.1" | -0.1" |
| R. Width over tires(unloaded) | mm | +27 | +7 | -6 |
| | ft/in | +1.1" | +0.3" | -0.2" |
| P. Clearance Circle(diameter) to Outside of Tires | mm | +14 | +4 | -3 |
| | ft/in | +0.5" | +0.1" | -0.1" |
| Q. Clearance Circle(diameter) to Inside of Tires | mm | -14 | -4 | +3 |
| | ft/in | -0.5" | -0.1" | 0.1" |

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

STANDARD / OPTION

| CAB & INTERIOR | STD |
|--------------------------------------|-----|
| ALARMS, AUDIBLE AND VISUAL | |
| Air filter clogging | ● |
| Battery voltage | ● |
| Brake oil pressure | ● |
| Engine coolant level | ● |
| Engine oil pressure | ● |
| Fuel level | ● |
| Hydraulic oil temperature | ● |
| Engine coolant temperature | ● |
| Service brake oil pressure | ● |
| Transmission error | ● |
| Transmission oil temperature | ● |
| BATTERIES | |
| 850 CCA, 12 V, 2 pcs | ● |
| GAUGES | |
| Engine coolant temperature | ● |
| Fuel level | ● |
| Speedometer | ● |
| Transmission oil temperature | ● |
| INDICATOR LIGHTS | |
| Parking brake | ● |
| Head light (High beam) | ● |
| Pilot cut off | ● |
| Turning light | ● |
| Seat belt Alarm | ● |
| Engine auto stop | ● |
| Clutch Cut Off | ● |
| Ride control | ● |
| Joystick steering | ● |
| FNR | ● |
| Differential Lock | ● |
| LCD DISPLAY (CLUSTER) | |
| Transmission gear range | ● |
| Parking brake | ● |
| FWD / REV | ● |
| LCD DISPLAY (MONITOR) | |
| Engine rpm | ● |
| Fuel rate | ● |
| Fault and maintenance warning | ● |
| Odometer | ● |
| Hour meter | ● |
| 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 | STD |
|---|-----|
| SWITCHES | |
| Hazard | ● |
| Engine hood open | ● |
| Parking | ● |
| Battery master switch | ● |
| FNR shifter | ● |
| Pilot cut off | ● |
| Differential Lock foot switch | ● |
| Emergency steering | |
| IGNITION | |
| Key | ● |
| Button | |
| MEMBRANE SWITCHES IN MONITOR | |
| Main light | ● |
| Work light | ● |
| Weighing System | ● |
| Mirror heat | ● |
| Auto position | ● |
| Fine modulation | ● |
| Rear wiper | ● |
| Auto grease | ● |
| Ride control | ● |
| Beacon light | ● |
| Cam | ● |
| CABIN (SOUND SUPPRESSED) | |
| ROPS/ FOPS Cabin | ● |
| Coat hook | ● |
| Rear view mirrors (1 Inside / 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 | ● |
| Magazine pocket | ● |
| Radio / USB player | ● |
| Wrist rest & Armrest | ● |
| 24 V to 12 V DC converter (20 A) | ● |
| 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 | |
| 3" Retractable seat belt & adjustable air suspension (heated) | ● |
| PERSONAL STORAGE SPACE | |
| Console box | ● |
| Cup Holder | ● |
| PEDALS | |
| One brake pedal | |
| Dual-Brake pedal | ● |

STANDARD / OPTION

| ENGINE | STD |
|-------------------------------------|-----|
| Hyundai HE6.7 Engine | ● |
| POWER TRAIN | STD |
| Transmission F4 / R3 | ● |
| Torque converter | ● |
| Transmission oil sight level | ● |
| Transmission oil cooler | ● |
| Travel speed limiter (20-40 km/h) | ● |
| FRONT AXLE | |
| Limited slip differential | |
| Hydraulic lock differential | ● |
| REAR AXLE | |
| Conventional Type | ● |
| Limited slip differential | |
| BRAKE | |
| Service brake (Enclosed wet-disk) | ● |
| Parking brake | ● |
| TIRES | |
| 20.5R25, L3, ★★ | ● |
| 20.5-25, L5, 16PR | |
| 20.5R25, XHA2, ★ | |
| 20.5-25, L3, 16PR | |
| HYDRAULIC SYSTEM | STD |
| Boom kickout, automatic | ● |
| Bucket positioner, automatic | ● |
| Diagnostic pressure taps | ● |
| Hydraulic oil cooler | ● |
| Hydraulic oil level sight gauge | ● |
| EH Control (Joystick) | ● |
| EH Control (Fingertip) | |
| Ride control system | ● |
| Extra piping-for auxiliary function | |
| Auto grease system | ● |
| SAFETY | STD |
| Emergency Stop | ● |
| Emergency steering | |
| Rear View Camera | ● |
| Fire extinguisher | |
| Boom safety bar | ● |
| OBJECT DETECTION | |
| AAVM (AVM + IMOD) | ● |
| Radar + Secondary Monitor | ● |

| OTHER | STD |
|--|-----|
| Fuel Warmer | ● |
| Articulation locking bar | ● |
| Lift and tie-down hooks | ● |
| Loader linkage, sealed | ● |
| Vandalism protection caplocks | ● |
| Tool kit | ● |
| BUCKET | |
| 2.3m ³ Bolt-On Cutting Edges Type | ● |
| 2.1m ³ Bolt-On Cutting Edges Type | |
| 2.3m ³ Bolt-On Cutting Edges Type ISO Q/C | |
| COUNTERWEIGHT | |
| Counterweight | ● |
| Counterweight - Heavy weight | |
| Drawbar pin | ● |
| Ergonomically located and slip resistant, left & right | |
| Handrails / Ladders / Platforms / Steps | ● |
| GUARDS | |
| Fenders (Front / Rear) | ● |
| Under Guard (E/G, T/M) | ● |
| Mud Guard | ● |
| TELEMETICS | STD |
| 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.

MEMO