

**Gross Power**  
156 HP(116 kW) at 2,200 rpm

**Net Power**  
154 HP(115 kW) at 2,200 rpm

**Bucket Capacity**  
2.1 ~ 2.3m<sup>3</sup>

**Operating Weight**  
13,400kg / 29,545 lb

# HL940A

With EU Stage V Engine installed



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# WHAT'S NEWEST AND BEST

**HL940A**

## THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine **NEW**
- Eco Report **NEW**
- Smart Power Mode **NEW**
- Hydraulic Differential Lock **Option**
- Parallel Z-bar Linkage
- ICCO (Intelligent Clutch Cut Off)
- Automatic Engine Shut Down
- Optimized Power Matching

## ULTIMATE DURABILITY

- Highly Durable Axle
- Sinter Brake Disc
- Hydraulic Hose
- Optimized Drive Shaft

## EASY CONTROL AND COMFORTABLE OPERATION

- Foldable Side Mirror **NEW**
- Fully Adjustable Seat and Armrest **NEW**
- Air Compressor **NEW** **Option**
- Remote Door Control **NEW** **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 **NEW**
- Seat Belt Warning Alarm **NEW**
- Radar **NEW** **Option**
- AVM (Around View Monitoring) **Option**
- IMOD (Intelligent Moving Object Detection) **Option**

## SERVICEABILITY AND TELEMATICS

- Unnecessary Regular DPF Cleaning Interval **NEW**
- ECD(Engine Connected Diagnostics) **NEW**
- Fully Openable Engine Hood **NEW**
- Hi-MATE **Option**
- Easy Filter Replacement
- Wide Core & Fin Radiator
- Longer Lasting Filter



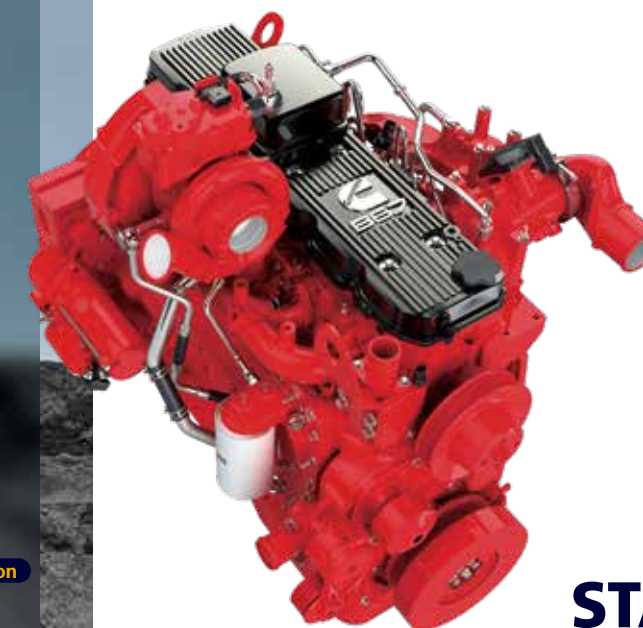
\* Photo may include optional equipment.





# THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

The new HYUNDAI HL940A with new engine technologies is satisfying the most strict environmental emission regulation in the world and A series in wheel loader have a number of new features that contribute to overall fuel and also production efficiency.

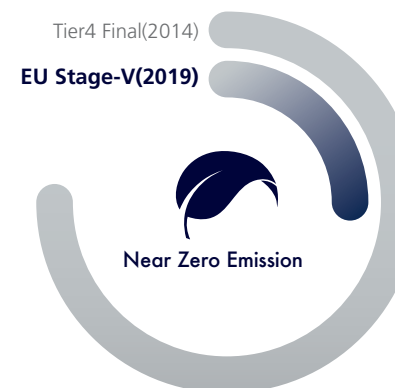


**STAGE V**

## EU STAGE V Engine **NEW**

'Cummins B6.7' engine meeting Euro Stage V emission regulations is designed for maximum productivity and fuel efficiency.

Tier4 Final(2014)  
EU Stage-V(2019)



## Eco Report **NEW**

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.

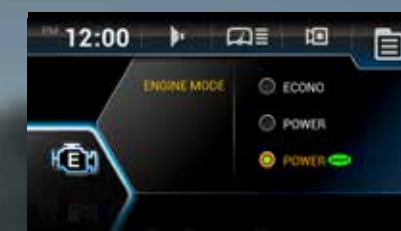


## Optimized Power Matching

For maximum operational efficiency, the engine is designed to achieve high torque in the low RPM range. Change an engine rpm at peak torque to lower rpm section also.

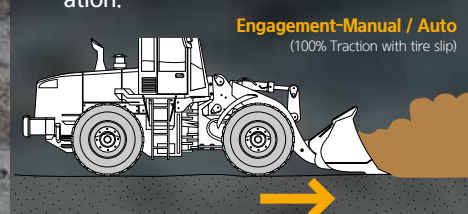
## Smart Power Mode **NEW**

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.



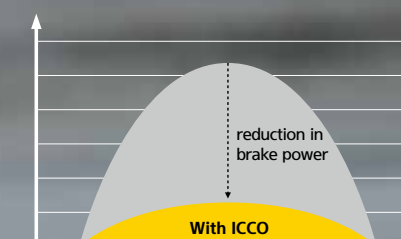
## Parallel Z-bar Linkage

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.



FUEL SAVINGS

up to **5%**  
V-type loading cycle  
(Compared to Power mode)

\* Photo may include optional equipment.



### Highly Durable Axle

Highly durable ZF axles provide the best performance and efficiency in any workplace.



### Sinter Brake Disc

The HL940A 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.



### Hydraulic Hose

Hyundai's hydraulic hoses have twice increased durability and product life cycle over previous hoses.



### Optimized Drive Shaft

Through thorough verification, the optimized drive shaft makes the HL940A wheel loader more durable.



# ULTIMATE DURABILITY

The true value of the HL940A, 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.



\*Photo may include optional equipment.



**Air Compressor** NEW Option

Air Compressor will be used for cleaning inside the cabin and for operator self-cleaning.



**Full Sound-Proofed Spacious Cabin**

State-of-the-art noise reduction technology of the HL940A ensures maximum silence(68 dB) in the same category of equipment, promising more silent and more pleasant interior space.



**Remote Door Control** NEW 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 HL940A 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.



**Foldable Side Mirror** NEW

Foldable side mirrors prevent damage when transporting narrow space.



**Fully Adjustable Seat and Armrest** NEW

This suspension will be applied for minimizing an operator's fatigue.



**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 HL940A 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.





## HL940A with advanced technology ensures our safety on a construction site. //

The A 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. The new A Series in wheel loaders reflects customers' needs in the field gleaned by thorough monitoring.

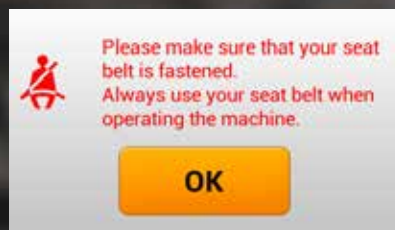
### Emergency Stop **NEW**

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 **NEW**

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



### Radar **NEW** **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.







# SERVICEABILITY AND TELEMATICS

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



## HiMATE

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 Geo-fence boundary, you will get alerts.

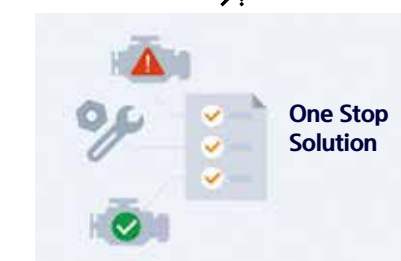
### Unnecessary Regular DPF Cleaning Interval **NEW**

Regular ash cleaning for DPF is not necessary, only needed as indicated by fault-indicator lamp.

### ECD(Engine Connected Diagnostics) **NEW**

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

#### We are all connected



### Fully Openable Engine Hood **NEW**

The HL940A 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.



### Longer Lasting Filter

The service interval of fuel filters has been increased from 500 hours to 1,000 hours.

**200%**  
IMPROVED

\*Photo may include optional equipment



SPECIFICATIONS

| ENGINE                        |   |   |
|-------------------------------|---|---|
| Maker / Model                 |   | CUMMINS / B6.7  |
| Type                          |   | 6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, electronic controlled diesel engine |
| Gross Power (SAE J1995)       |   | 156 HP (116 kW) at 2,200 rpm  |
| Net Power (SAE J1349)         |   | 154 HP (115 kW) at 2,200 rpm  |
| Max. Power                    |   | 165 HP (123 kW) at 1,800 rpm  |
| Peak Gross Torque (SAE J1995) |   | 746 N·m (550 lb·ft) at 1,300 rpm  |
| Displacement                  |   | 6.7 L (408 cu in)   |
| TRANSMISSION                  |   |   |
| Torque Converter Type         |   | 3-Elements, Single-stage, Single phase  |
| Tire                          |   | 20.5 R25, ★★, L3  |
| Travel Speed, km/h (mph)      |   | 4 speed T/M   |
| Forward                       | 1st   | 7.0 (4.3)   |
|                               | 2nd   | 12.8 (7.9)  |
|                               | 3rd   | 25.1 (15.6)   |
|                               | 4th   | 40.0 (24.9)   |
| Reverse                       | 1st   | 7.4 (4.6)   |
|                               | 2nd   | 13.5 (8.4)  |
|                               | 3rd   | 26.4 (16.4)   |
| AXLES                         |   |   |
| Drive System                  |   | Four-wheel drive system   |
| Mount                         |   | Rigid front axle and oscillating rear axle  |
| Rear Axle Oscillation         |   | Oscillating ±11 ° degrees   |
| Hub Reduction                 |   | Planetary reduction at wheel end  |
| Differential                  |   | Conventional  |
| Reduction Ratio               |   | 21.533  |
| HYDRAULIC SYSTEM              |   |   |
| Type                          |   | Load sensing hydraulic system   |
| Pump                          |   | Variable displacement piston pump, 149 lpm  |
| Control Valve                 |   | 2 spool (Bucket, Boom)<br>3 spool (Bucket, Boom, Aux)   |
| System Pressure               |   | 280 bar (4,061 psi)   |
| Lift Circuit                  |   | The valve has four functios; raise, hold, lower and float can adjust automatic kickout from horizontal to full lift.      |
| Tilt Circuit                  |   | The valve has three functions : tilt back, hold and dump. Can adjust automatic bucket positioner to desired load angle.   |
| Cylinder                      | Type : Double acting<br>No. of cylinders-bore x stroke: |   |
|                               | Lift  | 2-110 × 738 mm (4.3" × 29")   |
|                               | HL940A Tilt   | 125 × 560 mm (4.9" × 1' 10")  |
|                               | HL940A XT Tilt  | 125 × 580 mm (4.9" × 1' 11")  |
| Cycle Time                    |   | Raise: 5.5 sec, Dump: 1.9 sec<br>Lower: 3.9 sec, Total: 11.3 sec  |

\* Hyundai Bio Hydraulic Oil (HBHO) available

| TIRES  |   |                              |
|--|---|------------------------------|
| Type   | Tubeless, loader design tires   |                              |
| Standard   | 20.5 R25, ★ ★, L3   |                              |
| Options Include  | 20.5-25 16PR L3<br>20.5-25 16PR L5<br>20.5 R25, ★, XHA  |                              |
| OVERVIEW   |   |                              |
| Description  | HL940A  | HL940A XT                    |
| Operating Weight   | 13,400 kg (29,545 lb)   | 13,860 kg (30,560 lb)        |
| Bucket Capacity  | Heaped  | 2.3 m³ (3.0 yd³)             |
|  | Struck  | 2.0 m³ (2.62 yd³)            |
| Breakout Force-Bucket  | 11,800 kg (26,015 lb)   | 11,940 kg (26,325 lb)        |
| Tipping Load   | Straight  | 10,000 kg (22,050 lb)        |
|  | Full Turn   | 8,600 kg (18,960 lb)         |
|  | 7,050 kg (15,545 lb)  |                              |
| 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 US gal)  |                              |
| Def Tank   | 30.1 liters (8.0 US gal)  |                              |
| Cooling System   | 37.0 liters (9.8 US gal)  |                              |
| Crankcase  | 18.0 liters (4.8 US 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 Cabin 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. |   |                              |
| With cooling fan speed at maximum value:   |   |                              |
| Operator sound pressure level (ISO 6396:2008)  | 68 dB(A)  |                              |
| Exterior sound power level (ISO 6395:2008)   | 108 dB(A)   |                              |

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

DIMENSIONS & SPECIFICATIONS

DIMENSIONS

All dimensions are approximate.

The image contains two technical diagrams of a yellow wheel loader. The left diagram is a side profile view showing various height and length dimensions labeled A through U. The right diagram is a front view showing width and clearance dimensions labeled V through S. The loader is shown with its bucket raised at an angle.

Unit : mm (ft · in)

|   | Description                                   | HL940A          | HL940A XT       |
|---|---|-----------------|-----------------|
| A | Height to Top of Exhaust Pipe                 | 3,310 (10' 10") | 3,310 (10' 10") |
| B | 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' 4.4")   | 417 (1' 4.4")   |
| F | Wheelbase                                     | 3,000 (9' 10")  | 3,000 (9' 10")  |
| G | Overall Length (Without Bucket)               | 6,430 (21' 1")  | 7,020 (23')     |
| H | Shipping Length (With Bucket Level on Ground) | 7,600 (24' 11") | 8,190 (26' 10") |
| I | Hinge Pin Height at Carry Position            | 430 (1' 5")     | 600 (1' 12")    |
| J | Hinge Pin Height at Maximum Lift              | 3,820 (12' 6")  | 4,425 (14' 6")  |

|   | Description                                      | HL940A           | HL940A XT        |
|---|--|------------------|------------------|
| 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               |
|   |  | Carry            | 47               |
| 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')       | 2,450 (8')       |
| S | Tread Width                                      | 1,930 (6' 4")    | 1,930 (6' 4")    |

OPERATING SPECIFICATIONS WITH BUCKETS

| Linkage   |       | General Purpose Pin On |         | General Purpose Hook on | High Lift Linkage Change |
|---|-------|------------------------|---------|-------------------------|--------------------------|
| Bucket Type   |       | Bolt-On Cutting Edges  |         | Bolt-On Cutting Edges   |                          |
| Edge Type   |       |                        |         |                         |                          |
| Capacity – Rated                                      | m³    | 2.3                    | 2.1     | 2.3                     | -                        |
|   | yd³   | 3.0                    | 2.7     | 3.0                     |                          |
| Capacity – Rated at 110% Fill Factor                  | m³    | 2.5                    | 2.3     | 2.5                     | -                        |
|   | yd³   | 3.3                    | 3.0     | 3.3                     |                          |
| 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'                      | -0.2"                    |
| Digging Depth   | mm    | 90                     | 90      | 90                      | +40                      |
|   | ft/in | 3.5"                   | 3.5"    | 3.5"                    | +1.6"                    |
| T Shipping Length (with Bucket)                       | mm    | 7,600                  | 7,560   | 7,775                   | +590                     |
|   | ft/in | 24' 11"                | 24' 10" | 25' 6"                  | +1' 11"                  |
| U Overall Height with Bucket                          | mm    | 5,185                  | 5,145   | 5,395                   | +605                     |
|   | ft/in | 17'                    | 16' 11" | 17' 8"                  | +1' 12"                  |
| V Loader Clearance Circle                             | mm    | 12,180                 | 12,110  | 12,280                  | +570                     |
|   | ft/in | 40'                    | 39' 9"  | 40' 3"                  | +1' 10"                  |
| Static Tipping Load, Straight (No Tire Deflection)    | kg    | 10,000                 | 10,100  | 9,200                   | -1850                    |
|   | lb    | 22,050                 | 22,270  | 20,285                  | -4075                    |
| Static Tipping Load, Articulated (No Tire Deflection) | kg    | 8,600                  | 8,700   | 7,900                   | -1550                    |
|   | lb    | 18,960                 | 19,180  | 17,420                  | -3415                    |
| Breakout Force  | kg    | 11,800                 | 12,230  | 10,200                  | +140                     |
|   | lb    | 26,015                 | 26,965  | 22,490                  | +310                     |
| Operating Weight*                                     | kg    | 13,400                 | 13,360  | 13,675                  | +460                     |
|   | lb    | 29,545                 | 29,455  | 30,150                  | +1015                    |

\* 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 / m³] |
| 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                         |

| HL940A BUCKET SELECTION CHART  |           |                             |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |
|--|-----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|------------------|-----|------------------|-----|------------------|-----|-----|-----|
| Standard Lift Arm - General Purpose Bucket   |           |                             |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |
| Type   | m³ (yd³)  | Material Density [ton / m³] |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |
|  |           | 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 | 2.4 | 2.5 |
| Cutting Edge   | 2.3 (3.0) | 2.6 m³ (3.4 yd³)            |     |     |     |     |     |     |     |                  |     | 2.2 m³ (2.9 yd³) |     |                  |     |     |     |
| Cutting Edge   | 2.1 (2.7) | 2.4 m³ (3.1 yd³)            |     |     |     |     |     |     |     |                  |     |                  |     | 2.0 m³ (2.6 yd³) |     |     |     |
| Cutting Edge Q/C   | 2.3 (3.0) | 2.6 m³ (3.4 yd³)            |     |     |     |     |     |     |     |                  |     | 2.2 m³ (2.9 yd³) |     |                  |     |     |     |
| High Lift Arm (XT) - General Purpose Bucket  |           |                             |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |
| Type   | m³ (yd³)  | Material Density [ton / m³] |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |
|  |           | 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 | 2.4 | 2.5 |
| Cutting Edge   | 2.3 (3.0) | 2.6 m³ (3.4 yd³)            |     |     |     |     |     |     |     | 2.2 m³ (2.9 yd³) |     |                  |     |                  |     |     |     |
| Cutting Edge   | 2.1 (2.7) | 2.4 m³ (3.1 yd³)            |     |     |     |     |     |     |     |                  |     | 2.0 m³ (2.6 yd³) |     |                  |     |     |     |
| Cutting Edge Q/C   | 2.3 (3.0) | 2.6 m³ (3.4 yd³)            |     |     |     |     |     |     |     | 2.2 m³ (2.9 yd³) |     |                  |     |                  |     |     |     |
| <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>115%100%95%</div> |           |                             |     |     |     |     |     |     |     |                  |     |                  |     |                  |     |     |     |

| 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    | +970            | -115             | -238            |
| Static Tipping Load, Straight (No Tire Deflection)    | kg    | +300            | -35              | -75             |
|   | lb    | +665            | -75              | -165            |
| Static Tipping Load, Articulated (No Tire Deflection) | kg    | +260            | -30              | -60             |
|   | lb    | +575            | -65              | -130            |
| Vertical height changes                               | mm    | +65             | -7               | -3              |
|   | ft/in | +3"             | -0.3"            | -0.1"           |
| R. 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 |
|--------------------------------------|-----|
| 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         | ●   |
| GAUGES                               |     |
| Diesel Exhaust Fluid (DEF) level     | ●   |
| Engine coolant temperature           | ●   |
| Fuel level                           | ●   |
| Speedometer                          | ●   |
| Transmission oil temperature         | ●   |
| Horn, electric                       | ●   |
| INDICATOR LIGHTS                     |     |
| Parking brake                        | ●   |
| High beam                            | ●   |
| Joystick steering                    |     |
| FNR                                  |     |
| Differential Lock                    |     |
| Pilot cut off                        | ●   |
| Turning light                        | ●   |
| Seat belt ON/OFF                     | ●   |
| Engine auto stop                     | ●   |
| Clutch Cut Off                       | ●   |
| Ride control                         |     |
| 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                       | ●   |
| BATTERIES                            |     |
| 850CCA, 12V, 2PCS                    | ●   |
| 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   |     |
| Battery master switch  | ●   |
| Differential Lock  |     |
| Engine hood open   | ●   |
| FNR shifter  |     |
| Hazard   | ●   |
| Parking  | ●   |
| Pilot cut off  | ●   |
| Selective catalytic reduction  | ●   |
| Emergency steering   |     |
| MEMBRANE SWITCHES IN MONITOR   |     |
| Main light   | ●   |
| Work light   | ●   |
| Auto grease  |     |
| Quick coupler  |     |
| Ride control   |     |
| Work load  | ●   |
| Beacon light   |     |
| Rear wiper   |     |
| Mirror heat  | ●   |
| Auto position  | ●   |
| Fine modulation  | ●   |
| IGNITION   |     |
| Key  | ●   |
| Button   |     |
| CAB(SOUND SUPPRESSED)  |     |
| ROPS / FOPS CAB.   | ●   |
| Cigar lighter & ashtray  |     |
| Coat hoot  | ●   |
| Rear view mirrors (1 Inside)   | ●   |
| Rear view mirrors (2 Outside, heated)                                | ●   |
| Steering colume, 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  | ●   |
| Radio / USB player   | ●   |
| Rubber floor mat   | ●   |
| Wrist rest   | ●   |
| 24V to 12V DC converter (20A)  |     |
| DOOR   |     |
| Door and cab 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)        |     |



STANDARD / OPTION

| CAB & INTERIOR   | STD |
|--|-----|
| PERSONAL STORAGE SPACE   |     |
| Console box  | ●   |
| Holder, can and cup  | ●   |
| PEDALS   |     |
| One acceletator pedal  | ●   |
| One brake pedal  | ●   |
| Dual-brake pedal   |     |
| Accel pedal without ECO switch   | ●   |
| Accel pedal with ECO switch  |     |
| ENGINE   |     |
| Alternator, 95A  | ●   |
| Antifreeze   | ●   |
| Fuel warmer  | ●   |
| Fan guard  | ●   |
| Rain cap, Engine air intake  | ●   |
| Coolant Level Sight Gauge  | ●   |
| 3 Stage air precleaner   |     |
| ENGINE, CUMMINS, B6.7  |     |
| EU Stage V / EPA TIER 4 FINAL  | ●   |
| Fuel / water separator   | ●   |
| Engine oil level dipstick gauge  | ●   |
| CLEAN EMISSION MODULE  |     |
| DOC, DPF and SCR   | ●   |
| POWER TRAIN  |     |
| TRANSMISSION   |     |
| Transmission F4/R3, computer controlled, electronic soft shift, auto-shift and kick-down features included | ●   |
| Transmission oil sight level   | ●   |
| AXLE   |     |
| Open differential (Front / Rear)   | ●   |
| Limited slip differential (Front / Rear)   |     |
| Hydraulic lock differential (Front)  |     |
| BRAKE  |     |
| Service brake (Enclosed wet-disc)  | ●   |
| Parking brake  | ●   |
| TIRES  |     |
| 20.5 R25, ★★, L3   | ●   |
| 20.5 R25, ★, XHA   |     |
| 20.5-25, 16PR, L3  |     |
| 20.5-25, 16PR, L5  |     |
| HYDRAULIC SYSTEM   | STD |
| Auto Greasing  |     |
| Boom kickout, automatic  | ●   |
| Bucket positioner, automatic   | ●   |
| Diagnostic pressure taps   | ●   |
| HYDRAULIC CONTROL  |     |
| Joystick   |     |
| Fingertip  |     |
| Joystick & FNR Switch  |     |
| ELECTRO-HYDRAULIC CONTROL  |     |
| Joystick   | ●   |
| Fingertip  |     |
| EH joystick steering   |     |
| Extra piping for auxiliary function  |     |
| Hyundai Bio Hydraulic Oil(HBHO)  |     |
| Hydraulic oil level sight gauge  | ●   |
| Quick coupler piping   |     |
| Ride control system  |     |

| SAFETY   |   |
|--|---|
| Emergency stop   | ● |
| Fire extinguisher                                      |   |
| Alarm, back-up   | ● |
| Boom safety lock                                       |   |
| Emergency steering                                     |   |
| OBJECT DETECTION                                       |   |
| IMOD(Intelligent Moving Object Detection)              |   |
| AVM(Around View Monitoring)                            |   |
| RADAR + Secondary Mornitor                             |   |
| OTHERS   |   |
| Articulation locking bar                               | ● |
| Air compressor   |   |
| Tool kit   |   |
| Lift and tie-down hooks                                | ● |
| Loader linkage, sealed                                 | ● |
| Parallel Z-bar design                                  | ● |
| Vandalism protection caplocks                          | ● |
| BUCKET   |   |
| 2.3m³ Bolt-on Cutting Edges type                       | ● |
| 2.1m³ Bolt-on Cutting Edges type                       |   |
| 2.3m³ Q/C type   |   |
| COUNTERWEIGHT  |   |
| Counterweight  | ● |
| Counterweight - Heavy weight                           |   |
| Drawbar with pin                                       | ● |
| ERGONOMICALLY LOCATED AND SLIP RESISTANT, LEFT & RIGHT |   |
| Handrails  | ● |
| Ladders  | ● |
| Platforms  | ● |
| Steps  | ● |
| TELEMATICS   |   |
| Hi-MATE  |   |
| ECD(Engine Connected Diagnostics)                      | ● |
| GUARDS   |   |
| Crankcase  |   |
| Transmission   |   |
| Fenders (Front / Rear)                                 | ● |
| Mud guards   |   |

\* 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