

# HL960

With Tier 3 / Stage IIIA Engine installed

\* Photo may include optional equipment.



Head Office(Sales Office)  
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PLEASE CONTACT

**Gross Power**  
215 HP (160 kW) at 2,100 rpm

**Net Power**  
210 HP (157 kW) at 2,100 rpm

**Bucket Capacity**  
3.3 m<sup>3</sup>

**Operating Weight**  
18,900kg / 41,670 lb

# WHAT'S NEWEST AND BEST

**HL960**

## THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

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

## ULTIMATE DURABILITY

- Unified Control Valve
- Enhanced Axle Capacity
- Axle Oil Cooling System **Option**
- Sinter Brake Disk
- 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 HL960 with new engine technologies is satisfying the Tier 3 emission regulation and in wheel loader have a number of new features that contribute to overall fuel and also production efficiency



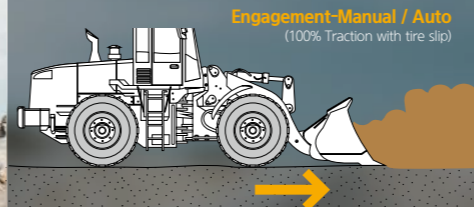
## Smart Power Mode

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.



## Electro-Hydraulic Control

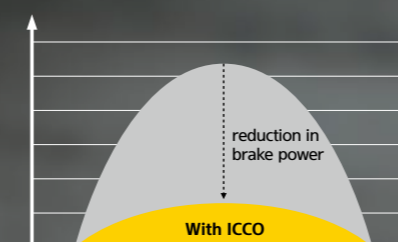
With improved precision and operability, the electro-hydraulic control system of the HL900 (T3) Series provides diverse functions and easy handling to control any working conditions, increasing productivity and reducing fatigue of operators.

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



## 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.



\* Photo may include optional equipment.



## Tier-III 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

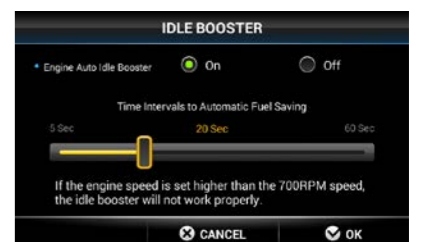
Adjustable 'Automatic engine shut down' significantly reduces idle time, overall operating hours and fuel consumption.



## Engine Idle Booster

Hyundai's HL900 (T3) Series provide "Engine Idle Booster" that increases idle rpm to '900' automatically for better operating condition and prompt reaction.

If the equipment is not used for more than the interval time set by the operator, rpm will be dropped down to default idle rpm.



### Unified Control Valve

HL960 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.

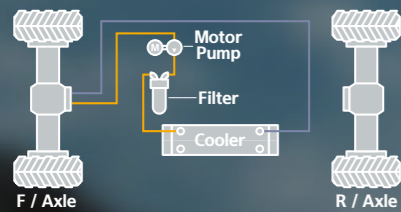
### Enhanced Axle Capacity

HL960 applied larger capacity 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 HL960 wheel loader more durable.

### High Quality Hydraulic Hose

High quality hydraulic hoses increased durability and product life cycle.



# ULTIMATE DURABILITY

The true value of the HL960, 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.

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# EASY CONTROL AND COMFORTABLE OPERATION

The HL960 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!

## 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.



## Fully Adjustable Seat and Armrest

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



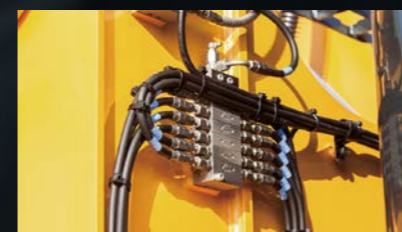
## Ride Control Option

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.



## 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)



## Full Sound-Proofed Spacious Cabin

State-of-the-art noise reduction technology of the HL960 ensures maximum silence(71dB) 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 HL960 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.





# 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.



## HL960 with advanced technology ensures our safety on a construction site.



The HL900 (T3) Series 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 HL960(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.



### 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.

AVM



It displays the position of people with a top view.

IMOD



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.

\*Options 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.

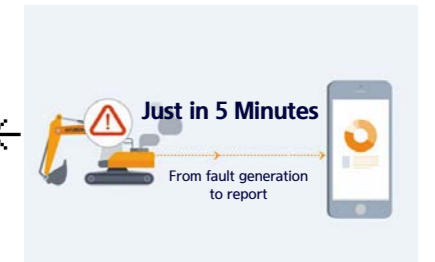
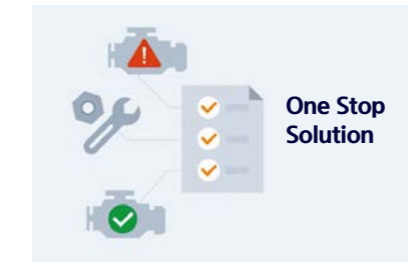


#### Security

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 HL960 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.



# SPECIFICATIONS

## ENGINE

Maker / Model	HYUNDAI / HE6.7
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Gross power (SAE J1995)	215 HP (160 kW) at 2,100 rpm
Net power (SAE J1349)	210 HP (157 kW) at 2,100 rpm
Max. Power	217 HP (162 kW) at 1,900 rpm
Peak Torque(SAE J1995)	949 N · m (700 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 × stroke	107 x 124 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 150Ah

## TRANSMISSION

Travel speed	4 Speed T/M	
	km/h (mph)	
Forward	1st	6.2 (3.9)
	2nd	11.7 (7.3)
	3rd	23.5 (14.6)
	4th	37.9 (23.5)
Reverse	1st	6.5 (4.0)
	2nd	12.3 (7.6)
	3rd	24.8 (15.4)
Brake Distance	m (ft/in)	
	12.1 (39'8")	

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

## AXLES

Drive system	Four-wheel drive system
Front	Fixed
Rear Axle Oscillation	Oscillating ±12 degrees
Hub reduction	Planetary reduction at wheel end
Differential	Hydraulic lock differential(F) / Conventional Type(R)
Reduction ratio	24.666

## TIRES

Type	Tubeless, loader design tyres
Standard	23.5R25 L3 ★★ 23.5-25 L5 20PR
Options Include	23.5R25 L3 XHA2 ★ 23.5-25 L3 20PR

## 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.

## HYDRAULIC SYSTEM

Type	Load sensing hydraulic system	
Pump	Variable displacement piston pump	
Rated oil quantity	245 ℓ /min (64.7U.S.gpm)	
Control valve	2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux)	
System Pressure	280bar (4,061 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	double acting
	No. of cylinders-bore	Lift 2-140 × 765 mm (5.5" × 2'.6")
	× stroke	Tilt 1-160 × 530 mm (6.3" × 1'.9")
Cycle time	Raise from Carry Position	5.8 Sec
	Dump, at maximum raise	2.0 Sec
	Lower, empty, float down	3.7 Sec
	Total	11.5 Sec

## STEERING SYSTEM

Type	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump
Rated Oil Quantity	159 ℓ /min (42 U.S.gpm)
System Pressure	210 bar (3,046 psi)
Cylinder	Double acting
Steering Angle	40° to both right and left angle, respectively
Features	Center-point frame articulation. Tilt and telescopic steering column.

\* Hyundai Bio Hydraulic Oil (HBHO) available

## SERVICE REFILL CAPACITIES

Fuel tank	260.0 liters (68.7 US gal)
Cooling system	42.5 liters (11.2 US gal)
Engine Oil	18.0 liters (4.8 US gal)
Transmission	44.0 liters (11.6 US gal)
Front axle	35.0 liters (9.2 US gal)
Rear axle	35.0 liters (9.2 US gal)
Hydraulic tank	110.0 liters (29.1 US gal)
Hydraulic system (Including tank)	200.0 liters (52.8 US gal)

## 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)	71 dB(A)
Exterior sound power level (ISO 6395:2008)	104 dB(A)

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

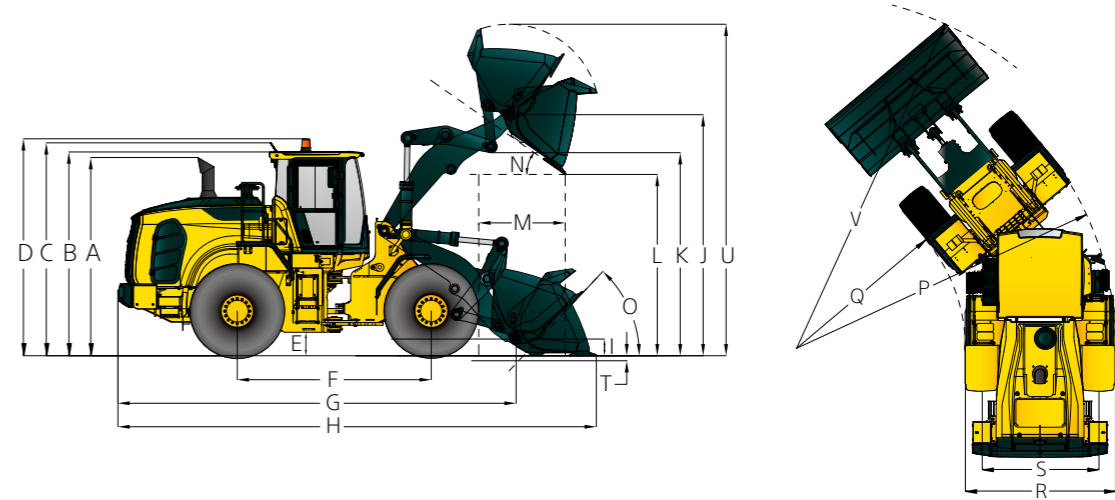
## CABIN

ROPS / FOPS meet ISO 3471 and ISO 3449 level II standards

# DIMENSIONS & SPECIFICATIONS

## HL960 T3 DIMENSIONS

All dimensions are approximate



Unit : mm (ft·in)

Model		Unit		HL960 T3		HL960XT T3	
Operating weight		kg	lb	18,900	41,670	19,730	43,500
Bucket capacity	Heaped	m	yd	3.30	4.30	3.30	4.30
	Struck	m	yd	2.90	3.80	2.90	3.80
Breakout force-bucket		kg	lb	16,670	36,755	16,430	36,225
Tipping Load	Straight	kg	lb	14,000	30,865	12,700	28,000
	Full	kg	lb	12,150	26,790	10,900	24,035
A	Height to Top of Exhaust Pipe	mm	ft/in	3,340	10'11"	3,340	10'11"
B	Overall height (Height to Top of Cabin)	mm	ft/in	3,450	11'4"	3,450	11'4"
C	Height to Top of Product Link Antenna	mm	ft/in	3,505	11'6"	3,505	11'6"
D	Height to Top of Warning Beacon	mm	ft/in	3,580	11'9"	3,580	11'9"
E	Ground clearance	mm	ft/in	410	1'4"	410	1'4"
F	Wheelbase	mm	ft/in	3,300	10'10"	3,300	10'10"
G	Overall Length(*without bucket)	mm	ft/in	6,870	22'6"	7,425	24'4"
H	Shipping length(with bucket level on ground)	mm	ft/in	8,140	26'8"	8,695	28'6"
I	Hinge Pin Height at Carry Position	mm	ft/in	465	1'6"	600	1'12"
J	Hinge Pin Height at Maximum Lift	mm	ft/in	4,105	13'6"	4,535	14'11"
K	Lift Arm Clearance at Maximum lift	mm	ft/in	3,455	11'4"	3,885	12'9"
L	Dump Clearance at Maximum lift and 45 ° Discharge	mm	ft/in	2,935	9'8"	3,365	11'0"
M	Reach at Maximum Lift and 45 ° Discharge	mm	ft/in	1,285	4'3"	1,380	4'6"
N	Dump Angle at Maximum Lift and Dump(on stops)	degree		50		50	
O	Roll back Angle	Ground	degree	42		42	
		Carry	degree	47		47	
P	Clearance Circle(diameter) to Outside of Tires	mm	ft/in	12,060	39'7"	12,060	39'7"
Q	Clearance Circle(diameter) to Inside of Tires	mm	ft/in	6,430	21'1"	6,430	21'1"
	Turning radius (center of outside tire)	mm	ft/in	5,725	18'9"	5,725	18'9"
R	Width over Tires(unloaded)	mm	ft/in	2,770	9'1"	2,770	9'1"
	Overall Width	mm	ft/in	2,900	9'6"	2,900	9'6"
S	Tread Width	mm	ft/in	2,160	7'1"	2,160	7'1"
	Gradeability	degree		30		30	

\* T,U,V are indicated on the p.17

# DIMENSIONS & SPECIFICATIONS

OPERATING SPECIFICATIONS WITH BUCKETS							
Linkage Bucket Type	Standard Linkage General Purpose - Pin On				General Purpose - Hook On	High Lift Linkage Change	
	Bolt-On Cutting Edges	1 Piece Tooth	2 Piece Tooth	2 Piece Tooth & Segment			
Capacity - Rated	m <sup>3</sup>	3.3	3.2	3.2	3.3	3.3	-
	yd <sup>3</sup>	4.30	4.20	4.20	4.30	4.30	-
Capacity - Rated at 110% Fill Factor	m <sup>3</sup>	3.6	3.5	3.5	3.6	3.6	-
	yd <sup>3</sup>	4.70	4.60	4.60	4.70	4.70	-
Width	mm	2,900	2,950	2,970	2,900	2,900	-
	ft/in	9'6"	9'8"	9'9"	9'6"	9'6"	-
"Dump Clearance at Maximum Lift and 45° Discharge"	mm	2,935	2,810	2,775	2,800	2,755	430
	ft/in	9'8"	9'3"	9'1"	9'2"	9'0"	1'5"
"Reach at Maximum Lift and 45° Discharge"	mm	1,285	1,370	1,390	1,420	1,465	95
	ft/in	4'3"	4'6"	4'7"	4'8"	4'10"	0'4"
Digging Depth	mm	90	115	125	90	90	55
	ft/in	0'4"	0'5"	0'5"	0'4"	0'4"	0'2"
Shipping Length (with Bucket)	mm	8,140	8,290	8,330	8,335	8,395	555
	ft/in	26'8"	27'2"	27'4"	27'4"	27'7"	1'10"
"Overall Height with Bucket at Maximum Lift"	mm	5,640	5,640	5,640	5,640	5,820	430
	ft/in	18'6"	18'6"	18'6"	18'6"	19'1"	1'5"
"Loader Clearance Circle with Bucket at Carry Position"	mm	13,410	13,570	13,620	13,160	13,570	450
	ft/in	43'12"	44'6"	44'8"	43'2"	44'6"	1'6"
"Static Tipping Load, Straight (No Tire Deflection)"	kg	14,000	14,200	14,200	13,950	12,800	-1,300
	lb	30,865	31,310	31,310	30,755	28,220	-2,865
"Static Tipping Load, Articulated (No Tire Deflection)"	kg	12,150	12,320	12,320	12,100	11,100	-1,250
	lb	26,790	27,165	27,165	26,680	24,475	-2,755
Breakout Force	kg	16,670	17,705	17,705	16,670	13,870	-240
	lb	36,755	39,035	39,035	36,755	30,580	-525
Operating Weight*	kg	18,900	18,825	18,825	18,975	19,290	830
	lb	41,670	41,505	41,505	41,835	42,530	1,830

\* All height and tire related dimensions are with standard 23.5 R25, L3 tires.

CHANGE IN OPERATING SPECIFICATIONS - TIRES				
Tires		23.5-25,20PR,L5	23.5 R25 XHA	23.5-25 20PR L3
Operating weight(kg)	kg	520	-160	-140
	lb	1150	-350	-305
Static Tipping Load, Straight (No Tire Deflection)	kg	385	-115	-100
	lb	850	-250	-220
Static Tipping Load, Articulated (No Tire Deflection)	kg	330	-100	-85
	lb	730	-220	-185
Vertical height changes	mm	60	-10	-9
	ft/in	2.4"	-0.4"	-0.4"
R. Width over tires(unloaded)	mm	16	-2	4
	ft/in	0.6"	-0.1"	0.2"
P. Clearance Circle(diameter) to Outside of Tires	mm	16	-2	4
	ft/in	0.6"	-0.1"	0.2"
Q. Clearance Circle(diameter) to Inside of Tires	mm	-16	2	-4
	ft/in	-0.6"	0.1"	-0.2"

\*\* Dimension changes compared to 23.5R25, ★★, L3 radial tires.

# BUCKET SELECTION CHART / SPECIFICATIONS

DENSITY OF OPERATING MATERIALS		Material Density [ton / m <sup>3</sup> ]
Loose Material		1.5 ~ 1.7
Earth / Clay		1.5 ~ 1.7
Sand and Gravel		1.6 ~ 1.7
Aggregate	25 ~ 76 mm (1 to 3 in)	1.6 ~ 1.7
	19mm (0.75 in) and Larger	1.8

HL960 / HL960 XT BUCKET SELECTION CHART														
Standard lift arm - General Purpose														
Type	m <sup>3</sup>	Material Density [ton / m <sup>3</sup> ]												
		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
Bolt-On Cutting Edges	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		
1-Piece Tooth	3.2	3.7 m <sup>3</sup>										3.0 m <sup>3</sup>		
2-Piece Tooth	3.2	3.7 m <sup>3</sup>										3.0 m <sup>3</sup>		
2-Piece Tooth & Segment	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		
Bolt-On Cutting Edges - QC	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		
High lift arm - General Purpose														
Bolt-On Cutting Edges Type	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		
1-Piece Tooth Type	3.2	3.7 m <sup>3</sup>										3.0 m <sup>3</sup>		
2-Piece Tooth Type	3.2	3.7 m <sup>3</sup>										3.0 m <sup>3</sup>		
2-Piece Tooth & Segment Type	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		
Spade Nose Rock Type	3.3	3.8 m <sup>3</sup>										3.1 m <sup>3</sup>		

115% 100% 95%

OVERVIEW			
Description	UNIT	HL960 T3	HL960XT T3
Operating Weight	kg	18,900	19,730
	lb	41,670	43,500
Bucket capacity	Heaped	m <sup>3</sup>	3.30
		yd <sup>3</sup>	4.30
	Struck	m <sup>3</sup>	2.90
		yd <sup>3</sup>	3.80
Breakout force-bucket	kg	16,670	16,430
	lb	36,755	36,225
Tipping Load	Straight	kg	14,000
		lb	30,865
	Full	kg	12,150
		lb	26,790

# STANDARD / OPTION

CAB & INTERIOR	STD	OPT
<b>ALARMS, AUDIBLE AND VISUAL</b>		
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	●	
<b>BATTERIES</b>		
1000 CCA, 12 V, 2 pcs	●	
<b>GAUGES</b>		
Engine coolant temperature	●	
Fuel level	●	
Speedometer	●	
Transmission oil temperature	●	
<b>INDICATOR LIGHTS</b>		
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	●	
<b>LCD DISPLAY (CLUSTER)</b>		
Transmission gear range	●	
Parking brake	●	
FWD / REV	●	
<b>LCD DISPLAY (MONITOR)</b>		
Engine rpm	●	
Fuel rate	●	
Fault and maintenance warning	●	
Odometer	●	
Hour meter	●	
<b>LIGHTING SYSTEM</b>		
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	OPT
<b>SWITCHES</b>		
Hazard	●	
Engine hood open	●	
Parking	●	
Battery master switch	●	
FNR shifter	●	
Pilot cut off	●	
Differential Lock foot switch	●	
Emergency steering	●	
<b>IGNITION</b>		
Key	●	
Button		●
<b>MEMBRANE SWITCHES IN MONITOR</b>		
Main light	●	
Work light	●	
Weighing System	●	
Mirror heat	●	
Auto position	●	
Fine modulation	●	
Rear wiper	●	
Auto grease	●	
Ride control	●	
Beacon light	●	
Cam	●	
<b>CAB(SOUND SUPPRESSED)</b>		
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)	●	
<b>DOOR</b>		
Door and cab locks, one key	●	
Doors, service access (Locking)		●
Doors, service access (Remote control)		●
<b>AUTOMATIC CLIMATE CONTROL</b>		
Air conditioner & heater	●	
Defroster	●	
Intermittent wiper and washer, front and rear	●	
<b>SEAT</b>		
3" Retractable seat belt & adjustable air suspension (Heated)	●	
<b>PERSONAL STORAGE SPACE</b>		
Console box	●	
Holder, can and cup	●	
<b>PEDALS</b>		
One brake pedal		●
Dual-Brake pedal	●	

ENGINE	STD	OPT
<b>Hyundai HE6.7 Engine</b>		
<b>POWER TRAIN</b>		
Transmission F4 / R3	●	
Torque converter	●	
Transmission oil sight level	●	
Transmission oil cooler	●	
Travel speed limiter (20-40 km/h)	●	
<b>FRONT AXLE</b>		
Limited slip differential		●
Hydraulic lock differential	●	
<b>REAR AXLE</b>		
Conventional Type	●	
Limited slip differential		●
<b>BRAKE</b>		
Service brake (Enclosed wet-disk)	●	
Parking brake	●	
<b>TIRES</b>		
23.5R25, L3, ★★	●	
23.5-25, L5, 20PR		●
23.5R25, XHA2, ★		●
23.5-25, L3, 20PR		●
<b>HYDRAULIC SYSTEM</b>		
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	●	
<b>SAFETY</b>		
Emergency Stop	●	
Emergency steering	●	
Rear View Camera	●	
Fire extinguisher		●
Boom safety bar	●	
<b>OBJECT DETECTION</b>		
AAVM (AVM + IMOD)		●
Radar + Secondary Monitor		●
<b>OTHERS</b>		
Fuel Warmer	●	
Articulation locking bar	●	
Lift and tie-down hooks	●	
Loader linkage, sealed	●	
Vandalism protection caplocks	●	
E-Horn	●	
Tool kit		●

OTHERS	STD	OPT
<b>BUCKET</b>		
3.3m³ Bolt-On Cutting Edges Type	●	
3.2m³ 1-Piece Tooth Type		●
3.2m³ 2-Piece Tooth Type		●
3.2m³ 2-Piece Tooth & Segment Type		●
3.3m³ Bolt-On Cutting Edges Type ISO Q/C		●
<b>COUNTERWEIGHT</b>		
Counterweight	●	
Counterweight - Heavy weight		●
Drawbar with pin	●	
<b>ERGONOMICALLY LOCATED AND SLIP RESISTANT, LEFT &amp; RIGHT</b>		
Handrails	●	
Ladders	●	
Platforms	●	
Steps	●	
<b>GUARDS</b>		
Fenders (Front / Rear)	●	
Under Guard (E/G, T/M)	●	
Mud Guard	●	
<b>TELEMETICS</b>		
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.