

MOVING YOU FURTHER

**HYUNDAI**  
CONSTRUCTION EQUIPMENT

# HL630L / HL635L

With Tier 2 / Stage II Engine Installed

CAB & INTERIOR	STD	OPT	ENGINE	STD	OPT
<b>Alarms, audible and visual</b>			Antifreeze	●	
Brake pressure	●		<b>Engine, WEICHAH WP6G125E23</b>		
Charging indicator	●		Tier II	●	
Parking brake	●		Engine enclosure, lockable	●	
<b>Batteries, PT</b>			Engine fuel priming pump	●	
850 CCA, 12 V, (2)	●		Fan guard	●	
<b>Gauges</b>			Fuel / water separator (Return)	●	
Hour table	●		Rain cap, engine air intake	●	
Engine oil pressure	●		Radiator	●	
Coolant temperature	●		Big size radiator & tropical oil		●
Transmission oil temperature	●		Fuel heater	●	
Brake pressure	●		Coolant level sight gauge	●	
Battery voltage	●		Engine oil level dipstick gauge	●	
Fuel level	●		Oil bath air cleaner		●
Transmission pressure	●		Cold start package & Arctic oil		●
Horn, electric	●		<b>POWER TRAIN</b>	<b>STD</b>	<b>OPT</b>
<b>Indicator lights</b>			Brake caliper	●	
High beam	●		Parking brake	●	
Turn signal	●		Torque converter	●	
<b>Lighting system</b>			Transmission F4 / R3, hydraulic control, manual shift	●	
Dome light	●		Transmission oil sight level	●	
2 Stop and tail lights	●		<b>Tires</b>		
4 Turn signals	●		17.5-25, 12PR, L3	●	
Brake lights (Counterweight)	●		<b>HYDRAULIC SYSTEM</b>	<b>STD</b>	<b>OPT</b>
2 Working lights on front roof	●		Boom kickout, automatic	●	
<b>Switches</b>			Diagnostic pressure taps	●	
Ignition	●		Hydraulic oil cooler	●	
Parking	●		Hydraulic control, 2 spool	●	
<b>Cab (Sound suppressed and pressurized) with</b>			Joystick control	●	
Cigar lighter & ashtray	●		<b>OTHER</b>	<b>STD</b>	<b>OPT</b>
Coat hook	●		Articulation locking bar	●	
<b>Automatic climate control</b>			Counterweight	●	
Air conditioner & heater	●		Door and cab locks, one key	●	
Front intermittent wiper	●		Doors, service access (Locking)	●	
<b>Seat</b>			Drawbar with pin	●	
2" retractable seat belt & adjustable		●	Ergonomically located and slip, resistant, left & right	●	
<b>Personal storage space</b>			Handrails	●	
Console box	●		Ladders	●	
Holder, can and cup	●		Platforms	●	
Safety hammer	●		Steps	●	
Rear view mirrors (1 Inside)		●	Fenders (Front / rear)	●	
Rear view mirrors (2 Outside)		●	Hydraulic oil level sight gauge	●	
Steering column	●		Lift and tie-down hooks	●	
Steering wheel with knob	●		Loader linkage, sealed	●	
Roller type sunshade (Front window)	●		Z-bar design	●	
Tinted safety glass	●		Long boom		●
<b>Pedals</b>			<b>ROPS / FOPS Cabin</b>	●	
One accelerator pedal	●		Rear window wiper	●	
One brake pedal	●		Rear work light	●	
<b>Plastic wire circle floor mat</b>	●		<b>SAFETY</b>	<b>STD</b>	<b>OPT</b>
			Beacon light, rotating		●

**HYUNDAI**  
CONSTRUCTION EQUIPMENT

Head Office (Sales Office)  
3F, BUNDANG FIRST TOWER, 55 BUNDANG-RO, BUNDANG-GU,  
SEONGNAM-SI, GYEONGGI-DO, 13591, KOREA

PLEASE CONTACT

www.hyundai-ce.com

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**Gross Power**  
92 kW at 2,000 rpm

**Net Power**  
83 kW at 2,000 rpm

**Operating Weight**  
10,300 / 10,400 kg

\*Photo may include optional equipment.

# Hyundai HL630L/635L Wheel Loader Open Up the Future

Hyundai Construction Equipment strives to build state-of-the-art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences. Open up the future with Hyundai!



**BOOM/ATTACHMENT OPTION**

Model	Standard Bucket Capacity	Optional
HL630L	1.7m <sup>3</sup>	High Dump(Long Boom)
HL635L		Log Grapple

\*Photo may include optional equipment.



Max. Speed  
**36.0** km/h



Operating Weight  
**10,300** kg



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



Power (Gross)  
**92/2,000** kW/rpm



## HIGH EFFICIENCY MACHINE

Innovative technologies make the HL600 Series wheel loader fast, smooth and easy to control. HL600 Series wheel loaders are designed for maximum performance to keep the operator working productively.

### Powerful, Fuel Efficient and Energy-Saving Engine

Weichai turbocharged engine are built for maximum power, reliability and optimum fuel efficiency. This engine meets the emission standards EPA Tier II, EU Stage II. Weichai WP6 (HL630L / 635L) engine has maximum power of 92kW and peak torque of 500 N·m at 1,400-1,500 rpm, it provides sufficient power. The Weichai engine provides more energy saving and stronger power.



### Large Capacity Fuel Tank for Long Working Time

Large capacity fuel tank (180 ℓ ) offers long working time.



### Large Displacement Booster Pump

Braking system has equipped large displacement booster pump ensure high reliability and safety.



## PROVEN RELIABILITY

The reliable components and solid frame structure not only improved the durability of the device, but also enhanced its work efficiency.

### Reliable and Proven Transmission with The Best Combination of Engine

Durable mechanical Transmission & Torque convertor (HL630L / 635L) is best matching with Weichai WP6 engine. Transmission & Torque convertor is reliable and easily for operation to suit in all requirements of working situations. Due to the best matching, HL630L / 635L provides more powerful workability. Manual shifting mode, convenient for customers to choose gears according to actual conditions.



### Big Size Radiator

Large capacity radiator and coolers significantly improve thermal shock, impulse and vibration resistance and increase durability.



### Durable and Sturdy Axle

Durable mechanical durable and sturdy front and rear axle provides running stability, good performance even in poor jobsite conditions, and maximization of the operation capability.



### Double Sealing Linkage

All hinged shaft holes adopt double sealing structure, which has good dustproof and sealing effect, fully guarantees internal lubrication and prolongs lubrication and aging for several thousand years.



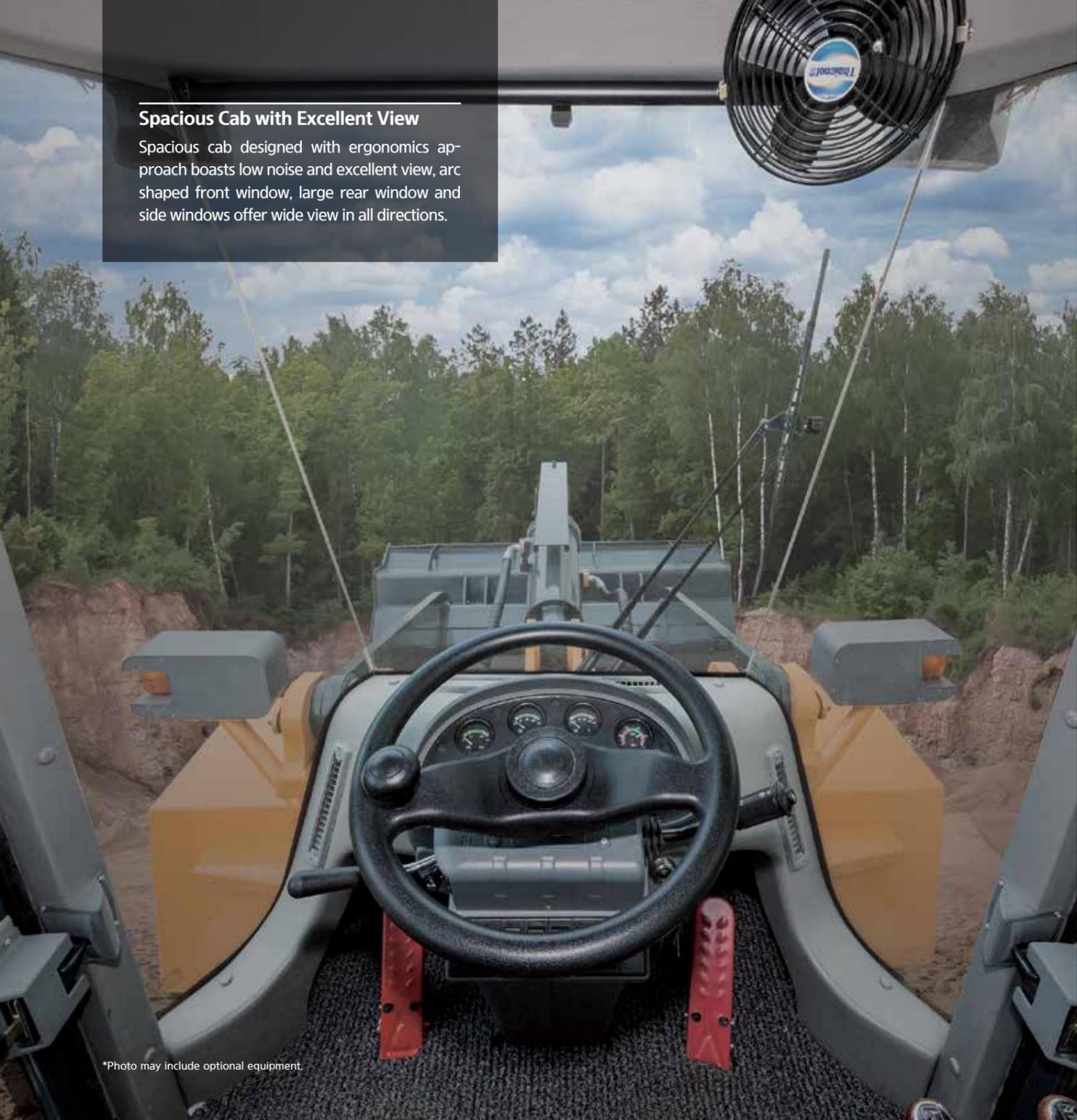
### Firm and Durable Structural Parts

Extend product life and ensure superior running function using product structure of limited element analysis and optimization.



### Spacious Cab with Excellent View

Spacious cab designed with ergonomics approach boasts low noise and excellent view, arc shaped front window, large rear window and side windows offer wide view in all directions.



\*Photo may include optional equipment.

## EASY AND COMFORTABLE OPERATION

Operating a HL600 Series wheel loader is unique to every operator. Operators can fully customize their work environment and operating preferences to fit their individual needs.

### Standard Large Capacity Air Conditioning

Large capacity, air circulation and defrost system make the space comfortable for operators.



### Excellent Air Circulation System

Excellent air conditioning and circulation system provide operators with more comfortable working environment.



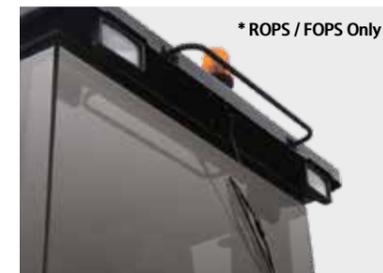
### Suspension Seat

It can be adjusted to the position optimized for driver's weight and size reducing operator's fatigue.



### Rear Wiper Option

In case of rain, a lot of dust in the work environment, improving rear visibility.



\*ROPS / FOPS Only

### Large Side Mirror

Large side mirror ensures the operator's driving safety.



### Air Purification Filter

It effectively filters dusts out of the cab to keep the air clean and fresh.



### Centralized Monitoring Panel

Centralized monitoring panel designed with simplicity of ergonomics that shows working conditions and warning lights at a glance.



### Easy Controlled Rocker Switches

All the switches are arranged in concentrated and combined ways, easy to operate.



### Rear View Camera Option

Optional rear view camera helps you keep an extra eye on the jobsite.



### Headlight and Turn Signal

Lights are beautifully and durably designed.



### Customized Operation with Joystick Control



\*HL635L Only

## SERVICEABILITY

The Hyundai HL600 Series is the ideal equipment for easy maintenance and service.

### Key-Locking Fuel Cap

The location of fuel cap increased accessibility and key locking function is applied for the prevention of vandalism.

### Oil Sight Gauge

The hydraulic oil check sight gauge is installed on the side of the hydraulic tank for the convenience of maintenance check from ground level.



### Quickly Changeable Brake Disc

The brake discs can be replaced quickly and easily without removing the tires, which saves maintenance time.



### Easy Access to Engine Compartment

Engine hood with two side wing flap opened door provide access for maintenance to easily replace engine components and perform daily maintenance.



### Non-Slip Platform

Non-slip platform and steps ensure operator's safety.



\*Photo may include optional equipment

# DIMENSIONS & WORKING RANGE

## ENGINE

Description	HL630L / 635L
Maker	WEICHAI
Model	WP6G125E23
Emission regulation	Tier II
Power (Gross)	92 kW (123 hp) / 2,000 rpm
Power (Net)	83 kW (111 hp) / 2,000 rpm
Max. torque	500 N·m / 1,700 rpm
Displacement	6.750 ℓ
No. of cylinders	6 EA

## TRANSMISSION

Description	HL630L / 635L
Transmission type	Fixed axis power shift
Transmission configuration	4F-2R
Torque converter	3 Element single stage
Tire	17.5-25 L3
Travel speed (F1)	7 km/h
Travel speed (F2)	13 km/h
Travel speed (F3)	24 km/h
Travel speed (F4)	36 km/h
Travel speed (R1)	9 km/h
Travel speed (R2)	29 km/h

## AXLES

Description	HL630L / 635L
Differential front type	Conventional only
Differential rear type	Conventional only
Rear axle oscillation	±10 °

## OVERVIEW

Description	HL630L / 635L
Operating weight	10,300 (10,400) kg
Bucket capacity (Heaped)	1.7 m³
Bucket capacity (Struck)	1.3 m³
Breakout force	10,000 (8,850) kgf
Tipping load (Full turn)	6,000 (5,545) kg
Tipping load (Straight)	7,377 (6,800) kg

\* ( ) : Long boom option

## HYDRAULIC SYSTEM

Description	HL630L / 635L
Pump type	Fixed gear pump
Flow rate	100 lpm
System pressure	163 kgf/cm² (kPa)
Cycle time (Lift with load)	5.1 sec
Cycle time (Dump with load)	1.4 sec
Cycle time (Lower)	2.6 sec
Cycle time (Total)	9.1 sec

## STEERING

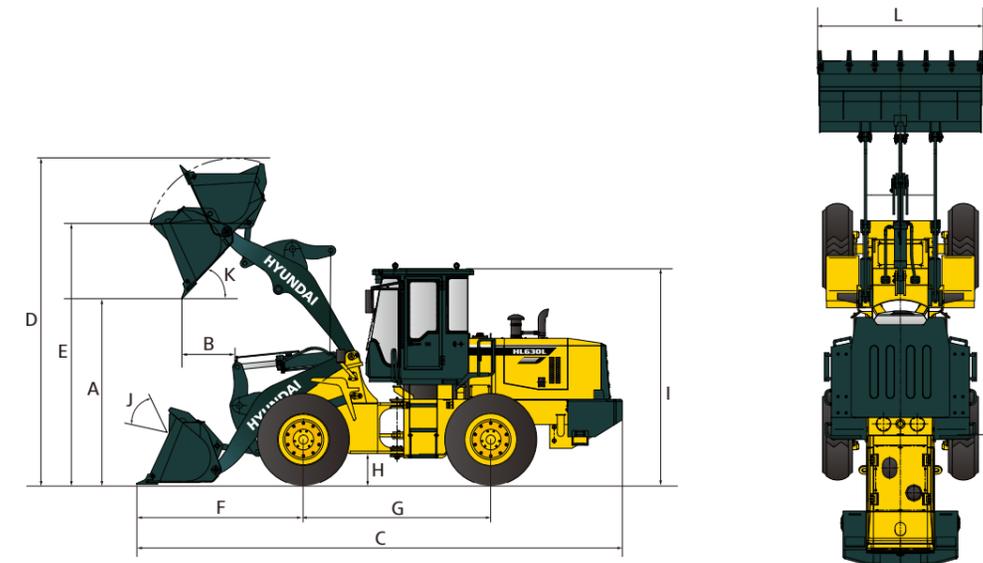
Description	HL630L / 635L
Pump type	Fixed gear pump
Flow rate	40 lpm
System pressure	122 kgf/cm² (kPa)
Articulation angle	35 °

## SERVICE REFILL CAPACITIES

Description	HL630L / 635L
Fuel tank (Refill)	200 ℓ
Hydraulic tank	140 ℓ
Hydraulic system (Including tank)	180 ℓ
Coolant	38 ℓ
Crank case	13 ℓ
Transmission	36 ℓ
Front axle	40 ℓ
Rear axle	40 ℓ

## HL630L / 635L DIMENSIONS

All dimensions are approximate.



	Description	Standard	Longboom OPT
A	Dump clearance at 45° (Full lift)	2,850 mm	3,200 mm
B	Reach at 45° (Full lift)	1,000 mm	1,080 mm
C	Overall length (Ground)	7,040 mm	7,440 mm
	Overall length (Carry)	6,890 mm	7,290 mm
D	Overall height (Full raised)	4,864 mm	5,184 mm
E	Bucket pivot max. height	3,683 mm	4,056 mm
F	Front overhang	2,310 mm	2,710 mm
G	Wheel base	2,750 mm	2,750 mm
H	Ground clearance	345 mm	345 mm
I	Overall height (Cabin)	3,200 mm	3,200 mm
J	Rollback angle (Ground)	45 °	45 °
	Rollback angle (Carry)	48 °	48 °
K	Dump angle	45 °	45 °
L	Overall width (with Bucket)	2,460 mm	2,460 mm
	Overall width (without Bucket)	2,310 mm	2,310 mm
	Clearance circle (Bucket)	12,080 mm	12,440 mm
	Turning radius (Center of outside tire)	5,290 mm	5,290 mm

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**MEMO**