

# POWERFUL AND EFFICIENT HYUNDAI'S NEW EQUIPMENT

**HYUNDAI**  
CONSTRUCTION EQUIPMENT

Hyundai Construction Equipment's new wheel loader HL600V series provide high quality and cost-effective performances. Be proud of your choice for best value in class machine with highest productivity and efficiency on the ground.



**HL635VL**

**PRELIMINARY**

Power(Gross)

**92/2,200**  
kW/rpm

Operating weight

**10.4**  
Ton

Rated Load

**3,000**  
kg

Bucket Capacity

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

Breakout Force

**96**  
kN

ENGINE			
Description	HL635V	HL635VL	HL635AL
<b>Maker</b>	Weichai	Weichai	Weichai
<b>Model</b>	WP6G125E22	WP6G125E22	WP6G125E22
<b>Emission Level</b>	Tier-2	Tier-2	Tier-3
<b>Rated power</b>	92kW / 2,200 rpm	92kW / 2,200 rpm	92kW / 2,200 rpm
<b>Number of cylinders/bores/strokes</b>	6 / 105 / 130	6 / 105 / 130	6 / 105 / 130
<b>Displacement</b>	6.7 ℓ	6.7 ℓ	6.7 ℓ
<b>Max. torque</b>	500N.m / 1,400-1,500 rpm	500N.m / 1,400-1,500 rpm	540N.m / 1,300-1,500 rpm

POWER TRAIN			
Description	HL635V	HL635VL	HL635AL
<b>T/M Type</b>	Power shift	Power shift	Power shift
<b>Speed Range (F/R)</b>	4 / 2	4 / 2	4 / 2
<b>Forward</b>	1st	8.5	7.5
	2nd	13.0	13.5
	3rd	24.0	24.0
	4th	37.0	37.0
<b>Reverse</b>	1st	9.4	9.4
	2nd	27.0	27.0
<b>Max. traction force</b>	96 kN	96 kN	96 kN
<b>Drive system</b>	Four-wheel drive	Four-wheel drive	Four-wheel drive
<b>Rear Axle Oscillation</b>	11°	11°	11°
<b>Service brake</b>	Air/Hyd. Caliper	Air/Hyd. Caliper	Air/Hyd. Caliper
<b>Tire</b>	17.5-25 12PR L3	17.5-25 12PR L3	17.5-25 12PR L3

HYDRAULIC SYSTEM			
Description	HL635V	HL635VL	HL635AL
<b>MCV Control</b>	Hydraulic	Hydraulic	Hydraulic
<b>Pump Type</b>	Gear pump	Gear pump	Gear pump
<b>Pump displacement</b>	100 mL/r	100 mL/r	100 mL/r
<b>System pressure</b>	17 MPa	17 MPa	17.5 MPa
<b>Cycle time</b>	Lifting	5.3 s	5.3 s
	Dumping	1.0 s	1.0 s
	Lowering	3.7 s	3.6 s
	Total	10.0 s	9.9 s
			10.0 s

GENERAL OVERVIEW			
Description	HL635V	HL635VL	HL635AL
<b>Operating Weight</b>	10.3 ton	10.4 ton	10.3 ton
<b>Bucket Capacity (Heaped)</b>	1.7 m³	1.7 m³	1.7 m³
<b>Rated load</b>	3,000 kg	3,000 kg	3,000 kg
<b>Breakout force</b>	99 kN	96 kN	99 kN
<b>Tipping load (full turn)</b>	6,100 kg	6,400 kg	6,400 kg

SERVICE REFILL CAPACITY			
Description	HL635V	HL635VL	HL635AL
<b>Fuel tank</b>	155 ℓ	150 ℓ	155 ℓ
<b>Hydraulic oil tank</b>	123 ℓ	130 ℓ	127 ℓ
<b>Engine oil</b>	14 ℓ	14 ℓ	14 ℓ
<b>Transmission oil</b>	42 ℓ	42 ℓ	42 ℓ
<b>Axle oil (front/rear)</b>	19 ℓ / 19ℓ	18 ℓ / 18 ℓ	19 ℓ / 19ℓ

DIMENSIONS			
Description	HL635V	HL635VL	HL635AL
<b>Overall length</b>	6,990 mm	6,950 mm	6,990 mm
<b>Wheel base</b>	2,700 mm	2,830 mm	2,830 mm
<b>Ground clearance</b>	330 mm	350 mm	330 mm
<b>Overall height</b>	3,250 mm	3,280 mm	3,250 mm
<b>Dump reach</b>	1,240 mm	1,195 mm	1,240 mm
<b>Dump clearance</b>	2,840 mm	2,815 mm	2,840 mm
<b>Bucket hinge pin height</b>	3,770 mm	3,740 mm	3,770 mm
<b>Rollback angle on ground</b>	45°	45°	45°
<b>Max. dump angle</b>	48°	45°	48°
<b>Steering angle</b>	38°	40°	40°
<b>Turning radius</b>	5,540 mm	5,710 mm	5,710 mm
<b>Overall width</b>	2,496 mm	2,496 mm	2,496 mm
<b>Tread Width</b>	1,850 mm	1,850 mm	1,850 mm

STANDARD / OPTION			
Description	HL635V	HL635VL	HL635AL
<b>Grass Grapple</b>	○	○	○
<b>Pallet Fork</b>	○	○	○
<b>Log Fork</b>	○	○	○
<b>Snow Blade</b>	○	○	○
<b>Closed Sweeper (Front-Set Type)</b>	○	○	○
<b>Long Boom</b>	○	○	○
<b>Aux. Piping</b>	○	○	○
<b>1.7m³ 1 Piece Tooth</b>	●	●	●
<b>1.7m³ 1 Piece Tooth (Q/coupler)</b>	○	○	○
<b>1.9m³ 1 Piece Tooth</b>	○	○	○
<b>1.9m³ Cutting Edge</b>	○	○	○
<b>2.2m³ Light Material Bucket</b>	○	○	○
<b>Quick Coupler</b>	○	○	○
<b>RADIO+MP4 (STEREO)</b>	×	●	●
<b>Tinted Glass</b>	○	○	○
<b>Air-conditioner &amp; Heater</b>	●	●	●
<b>Fan &amp; Heater</b>	×	×	×
<b>Engine Coolant Heater</b>	●	○	●
<b>Wet Pre-Cleaner</b>	○	×	×
<b>3 Spool MCV</b>	○	○	○
<b>Wheel Chock</b>	×	○	○
<b>Fuel Filler Pump</b>	×	○	○
<b>Defroster</b>	○	●	×
<b>Noise Kit</b>	×	○	○
<b>Tube Tire For Desert</b>	×	○	○
<b>Rotating Beacon</b>	○	○	○
<b>ROPS</b>	○	○	○

\*●: STD, ○: Option ×: N/A