

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.



HL665VL

PRELIMINARY

Power(Gross)

162/2,200
kW/rpm

Operating weight

17
Ton

Rated Load

5,000
kg

Bucket Capacity

3.0
m³

Breakout Force

159
kN

ENGINE

Description	HL665V	HL665VL	HL667VL
Maker	Weichai	Weichai	Weichai
Model	WD10G220E23	WD10G220E23	WD10G220E23
Emission Level	Tier-2	Tier-2	Tier-2
Rated power	162kW / 2,000 rpm	162kW / 2,000 rpm	162kW / 2,000 rpm
Number of cylinders/bores/strokes	6 / 126 / 130	6 / 126 / 130	6 / 126 / 130
Displacement	9.7 ℓ	9.7 ℓ	9.7 ℓ
Max. torque	900N.m / 1,300-1,500 rpm	900N.m / 1,300-1,500 rpm	900N.m / 1,300-1,500 rpm

POWER TRAIN

Description	HL665V	HL665VL	HL667VL	
T/M Type	Power shift	Power shift	Electro-control and automatic	
Speed Range (F/R)	2 / 1	2 / 1	4 / 3	
	1st	12.2	12.2	6.3
Forward	2nd	38.0	38.0	11.4
	3rd	-	-	22.7
	4th	-	-	36.5
Reverse	1st	16.5	16.5	6.3
	2nd	-	-	11.5
	3rd	-	-	22.4
Max. traction force	164 kN	164 kN	164 kN	
Drive system	Four-wheel drive	Four-wheel drive	Four-wheel drive	
Rear Axle Oscillation	11°	11°	11°	
Service brake	Air/Hyd. Caliper	Air/Hyd. Caliper	Air/Hyd. Caliper	
Tire	23.5-25 16PR	23.5-25 16PR	23.5-25 16PR	

HYDRAULIC SYSTEM

Description	HL665V	HL665VL	HL667VL	
MCV Control	Hydraulic	Hydraulic	Hydraulic	
Pump Type	Gear pump	Gear pump	Gear pump	
Pump displacement	100 mL/r	104.9 mL/r	104.9 mL/r	
System pressure	17 MPa	17 MPa	17 MPa	
Cycle time	Lifting	5.6 s	5.6 s	5.6 s
	Dumping	1.4 s	1.4 s	1.4 s
	Lowering	3.0 s	3.0 s	3.8 s
	Total	10.0 s	10.0 s	10.8 s

GENERAL OVERVIEW

Description	HL665V	HL665VL	HL667VL
Operating Weight	16.5 ton	17 ton	16.9 ton
Bucket Capacity (Heaped)	3.0 m³	3.0 m³	3.0 m³
Rated load	5,000 kg	5,000 kg	5,000 kg
Breakout force	160 kN	159 kN	159 kN
Tipping load (full turn)	9,500 kg	10,400 kg	10,400 kg

SERVICE REFILL CAPACITY

Description	HL665V	HL665VL	HL667VL
Fuel tank	260 ℓ	300 ℓ	300 ℓ
Hydraulic oil tank	260 ℓ	245 ℓ	245 ℓ
Engine oil	19 ℓ	19 ℓ	19 ℓ
Transmission oil	49 ℓ	49 ℓ	35 ℓ
Axle oil (front/rear)	27 ℓ / 27 ℓ	27 ℓ / 27 ℓ	27 ℓ / 27 ℓ

DIMENSIONS

Description	HL665V	HL665VL	HL667VL
Overall length	7,780 mm	8,020 mm	8,020 mm
Wheel base	2,900 mm	3,200 mm	3,200 mm
Ground clearance	480 mm	420 mm	420 mm
Overall height	3,470 mm	3,450 mm	3,450 mm
Dump reach	1,338 mm	1,308 mm	1,308 mm
Dump clearance	3,027 mm	3,089 mm	3,089 mm
Bucket hinge pin height	4,100 mm	4,150 mm	4,150 mm
Rollback angle on ground	45°	45°	45°
Max. dump angle	48°	49°	49°
Steering angle	36°	40°	40°
Turning radius	6,680 mm	6,470 mm	6,470 mm
Overall width	2,992 mm	2,992 mm	2,992 mm
Tread Width	2,174 mm	2,174 mm	2,174 mm

STANDARD / OPTION

Description	HL665V	HL665VL	HL667VL
Long Boom	○	○	○
Super Long Boom	×	○	○
Aux. Piping	○	○	○
Quick Coupler	○	○	○
2.7m³ 1 Piece Tooth (Long Boom)	○	○	○
2.9m³ Cutting Edge (Q/Coupler)	○	○	○
3.0m³ 1 Piece Tooth	●	●	●
3.0m³ 1 Piece Tooth (Q/Coupler)	○	○	○
3.0m³ 2 Piece Tooth	×	○	×
3.2m³ Cutting Edge (83mm)	○	○	○
4.0m³ Light Material Bucket	○	○	○
Pallet Fork	○	○	○
Log Fork	○	○	○
Grass Grapple	○	○	○
Snow Blade	○	○	○
Closed Sweeper (Front-Set Type)	○	○	○
3-Spool MCV	○	○	○
Tubeless Tire	○	○	○
Tubeless Tire for Desert	○	○	○
Tube Tire for Desert	○	○	○
Tinted Glass	○	○	○
Fuel Filler Pump	○	○	×
Wheel Chock	○	×	○
Wet Pre-Cleaner	×	○	×
Clutch Cut Off	×	○	×
Rotating Beacon	○	○	○
ROPS	○	○	○

*●: STD, ○: Option ×: N/A