

HL660/660L, HL665/665L

ENGINE

Description	Unit	HL660/HL665	HL660L/HL665L
Emission Regulation	-	Tier 2	Tier 2
Model	-	WD10G220E23	WD10G220E23
Gross Power	hp/rpm	220/2,000	220/2,000
	kW/rpm	162/2,300	162/2,300
Net Power	hp/rpm	198/2,000	198/2,000
	kW/rpm	146/2,000	146/2,000
Peak Torque	N·m/rpm	980/1,200~1,400	980/1,200~1,400
Displacement	cc	9,700	9,700
Number of Cylinders	-	6	6
Aspiration	-	Turbocharged	Turbocharged

TRANSMISSION

Description	Unit	HL660/HL665	HL660L/HL665L
Transmission Type	-	Planetary Hydraulic Shift	Planetary Hydraulic Shift
Transmission Configuration	-	2f-1r	2f-1r
Torque Converter	-	4 Elements-Single Phase, Twin-Turbine	4 Elements-Single Phase, Twin-Turbine
Maximum Travel Speed, fwd	km/h	36	36
Maximum Travel Speed, rev	km/h	16	16
Number of Speed, fwd	-	2	2
Number of Speed, rev	-	1	1

AXLES

Description	Unit	HL660/HL665	HL660L/HL665L
Differential Front Type	-	Conventional Only	Conventional Only
Differential Rear Type	-	Conventional Only	Conventional Only
Axle Oscillation	°	±10	±10

HYDRAULIC SYSTEM

Description	Unit	HL660/HL665	HL660L/HL665L
Main Pump Type	-	Gear	Gear
Main Relief Pressure	MPa	17	16
Raise	sec	≤5.1	≤5.1
Dump Time	sec	≤1.3	≤1.6
Float Down Time	sec	≤4.2	≤3.3
Fastest Total Cycle Time	sec	≤10.6	≤10.0

LOADER PERFORMANCE

Description	Unit	HL660/HL665	HL660L/HL665L
Operation Weight	kg	16,850	17,300
Rated Load	kg	5,000	5,000
Tipping Load	kN	110	110
Full turn Tipping Load	kN	100	100
Bucket Breakout Force	kN	170	170
Maximum Dump Angle at Full Height	°	45	45
Dump Clearance at Full Height Discharge	mm	3,128	3,100
Dump Reach at Full Height Discharge	mm	1,134	1,220
Reference Bucket	m ³	2.7	3
Bucket Rollback at Ground Level	°	48	49
Maximum Hinge Pin Height	mm	4,151	4,150

SERVICE CAPACITIES

Description	Unit	HL660/HL665	HL660L/HL665L
Fuel Tank	L	270	290
Engine Oil	L	23	23
Cooling System	L	53	53
Hydraulic Reservoir	L	230	290
Transmission and Torque Converter	L	51	51
Axles, Each	L	44	44

MOVING YOU FURTHER

HL660/660L HL665/665L

With Tier 2 / Stage II Engine Installed



*Photo may include optional equipment.

HYUNDAI
CONSTRUCTION EQUIPMENT

Head Office (Sales Office)

3F, BUNDANG FIRST TOWER, 55 BUNDANG-RO, BUNDANG-GU,
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PLEASE CONTACT

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HYUNDAI
CONSTRUCTION EQUIPMENT

HL660/660L, HL665/665L



*Photo may include optional equipment.

Power (Gross)

162/2,000
kW/rpm

Operating Weight

17,300
kg

Bucket Capacity

3.0
m³

Max. Speed

36.0
km/h

Hyundai HL660/660L, HL665/665L Wheel Loader

Open Up the Future

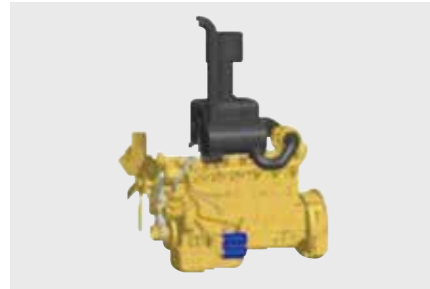
Excellent durability saves your costs of operation.
Outstanding power greatly enhances your productivity.

OPTION		
Model	Bucket Capacity	Optional
HL660 HL665	3.0 m ³	Enlarged Bucket (3.5 m ³)
		Rock Bucket (2.3 m ³)
		Side Dump
		High Dump
		log Grapple
		Rear View Mirror
		ROPS/FOPS Cab

Model	Bucket Capacity	Optional
HL660L HL665L	3.0 m ³	Enlarged Bucket (3.5 m ³)
		Rock Bucket (2.3 m ³)
		Rock Bucket (2.7 m ³)
		Side Dump
		High Dump
		log Grapple
		Rear View Mirror
ROPS/FOPS Cab		



HIGH FUEL EFFICIENCY AND PERFORMANCE



Powerful, Fuel Efficient and Energy-saving Engine

Weichai turbocharged engine are built for maximum power, reliability and optimum fuel efficiency. These engines meet the emission standards EPA Tier II, EU Stage II. Weichai WP6(HL660,660L/HL665,665L) engine has power of 162kW. The Weichai engines provide more energy saving and stronger power.



Reliable and Proven Transmission

Shantui Transmission & Torque converter (HL660,660L/HL665,665L) is best matching with Weichai WD10 engine. Shantui Transmission & Torque converter is reliable and easily for operation to suit in all requirements of working situations.



Durable and Sturdy Axle

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

HL660,660L/HL665,665L CATALOG INFORMATION

Specification		Unit	HL660/665	HL660L/665L
Engine	Model	-	WD10G220E23	WD10G220E13
	Power	kW	162	162
Operation Weight		kg	16,850	17,300
Bucket Capacity		m ³	2.5-4.0	2.5-4.5
Rated Operating Load		kg	5,000	5,000
Breakout Force		kN	170	170
Overall Length		mm	7,750	7,780
Wheelbase		mm	2,910	3,230
Steering Angle		°	35	35
Dimension L×W×H		mm	7,040×2,460×3,200	7,780×2,990×3,410
Horizontal Pass Radius (Outside of Bucket)		mm	6,670	7,050
Minimum Turning Radius (Outside the Tire)		mm	5,670	6,550
Dumping Height		mm	3,153	3,100
Clearance Range		mm	1,315	1,220
Max. Breakout Force		kN	163	170
Max. Tractive Force		kN	168	160
Driving Speed	Forward I/II	km/h	11.5/36	11.5/36
	Reverse I	km/h	16	16
	Raise	sec	≤5.1	≤5.1
Work Device Cycle Time	Dump Time	sec	≤1.3	≤1.6
	Float Down Time	sec	≤4.2	≤3.3
	Fastest Total Cycle Time	sec	≤10.6	≤10.0

OPERATOR FRIENDLY DESIGNED CAB



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.



Excellent Air Circulation System

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



Storage Spaces with Multiple Functions



Suspension Seat

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



Centralized Monitoring Panel

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



Air Purification Filter

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



Customized Operation with Joystick Control



Large Side Mirror

Large side mirror ensures the operator's driving safety.